



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT DIMRE, DAMBO RONGJENG, EAST GARO HILLS
DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Dimre, Dambo Rongjeng, East Garo Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

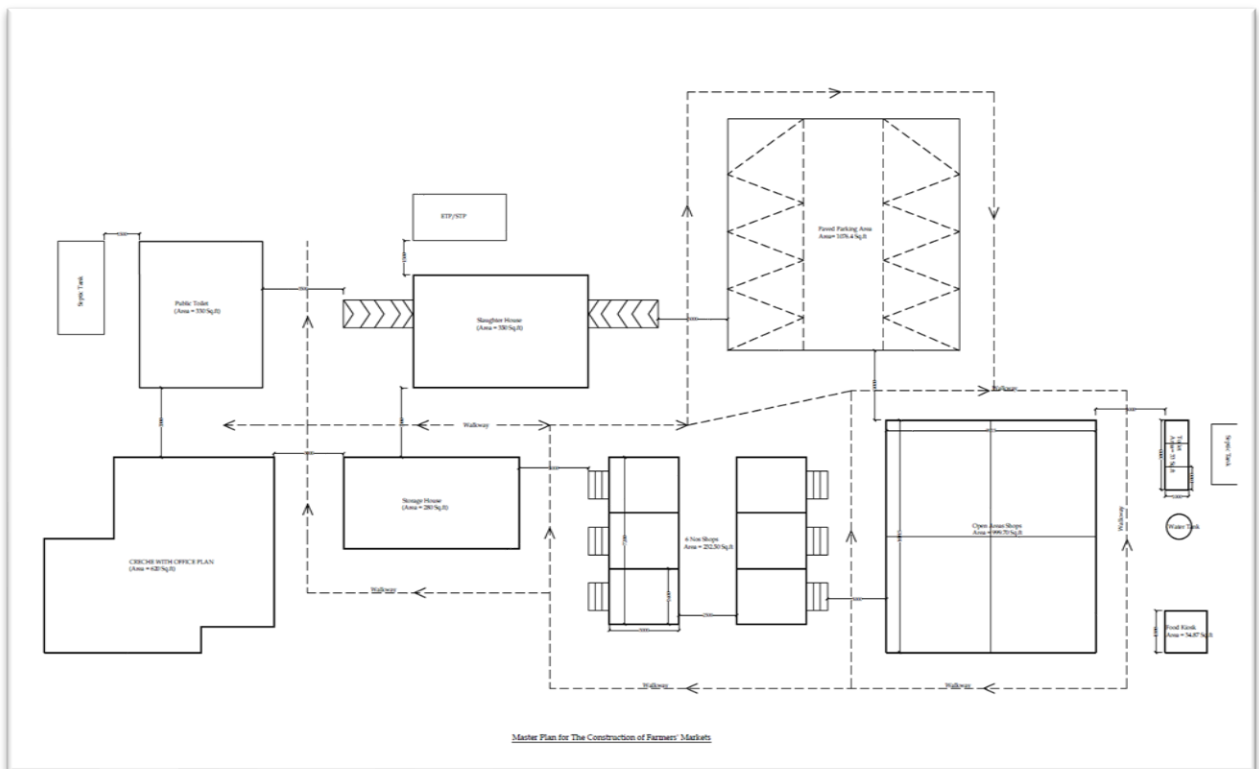
1.2 Sub-project Description:

This ESCMP is being developed for the market construction at Dimre within Dambo Rongjeng Block in East Garo Hills district. The other details of the location are as follows:

Sl No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
1	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E	12	Rongjeng Market, 8.3 km	Banana, Pineapple, ginger, arecanut, seasonal vegetables, rice, etc.

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Farmers Market at Dimre, such as Bill of Quantities and Drawings of the infrastructure are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

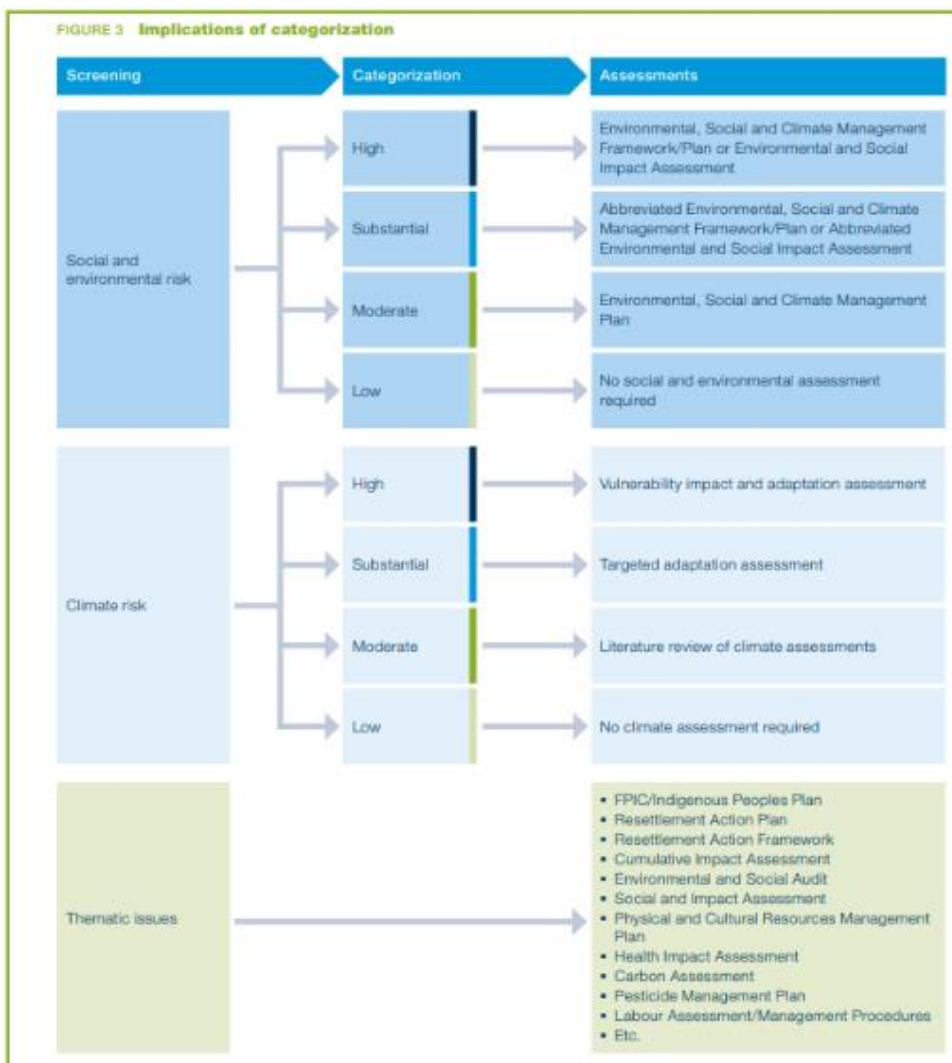
Through this market shade the farmers can sell products like Banana, Pineapple, ginger, arecanut, seasonal vegetables, rice, among others which are locally produced. The beneficiary villagers are from nearby 12 villages and other nearest centre from this area is Rongjeng Market which is 8.3 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Dimre, Dambo Rongjeng, East Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Dimre, Dambo Rongjeng block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	East Garo Hills		
Name of the Block	Dimre		
Name of the Settlement	Dambo Rongjeng		
Latitude	25.35938 N		
Longitude	90.482117 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Dimre, Dambo Rongjeng, East Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Dimre, Dambo Rongjeng is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Dimre, Dambo Rongjeng is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Dimre, Dambo Rongjeng is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO, response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO, response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT WILLIAMNAGAR, SAMANDA BLOCK, EAST
GARO HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Williamnagar, Samanda block, East Garo Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

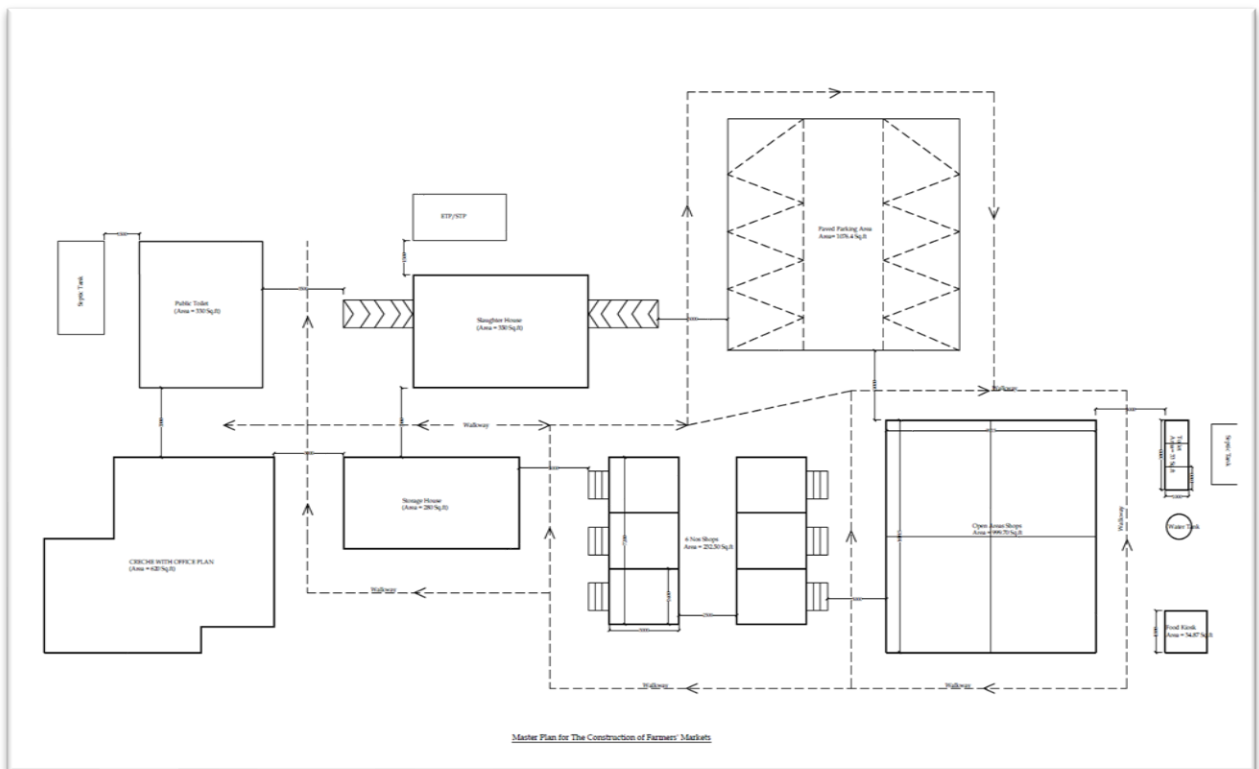
1.2 Sub-project Description:

This ESCMP is being developed for the market construction at Williamnagar within Samanda Block in East Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m	86	Williamnagar, 1 km	Ginger, Arecanut, Oranges and Seasonal Vegetables.

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Farmers Market at Williamnagar, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

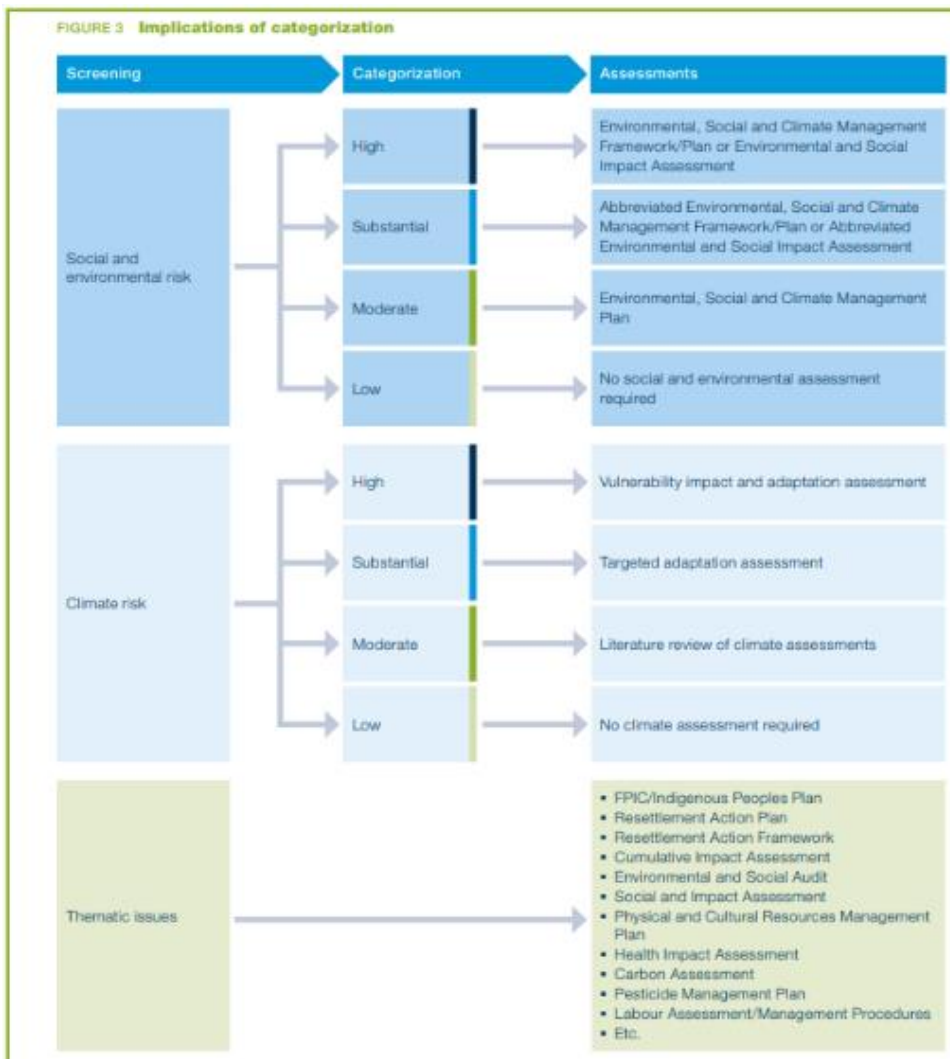
Through this market shade the farmers can sell products like Ginger, Turmeric, Meat, Broom Grass, Handcrafted Materials, among others which are locally produced. The beneficary villagers are from nearby 86 villages and other nearest centre from this area is Williamnagar Market which is 1 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

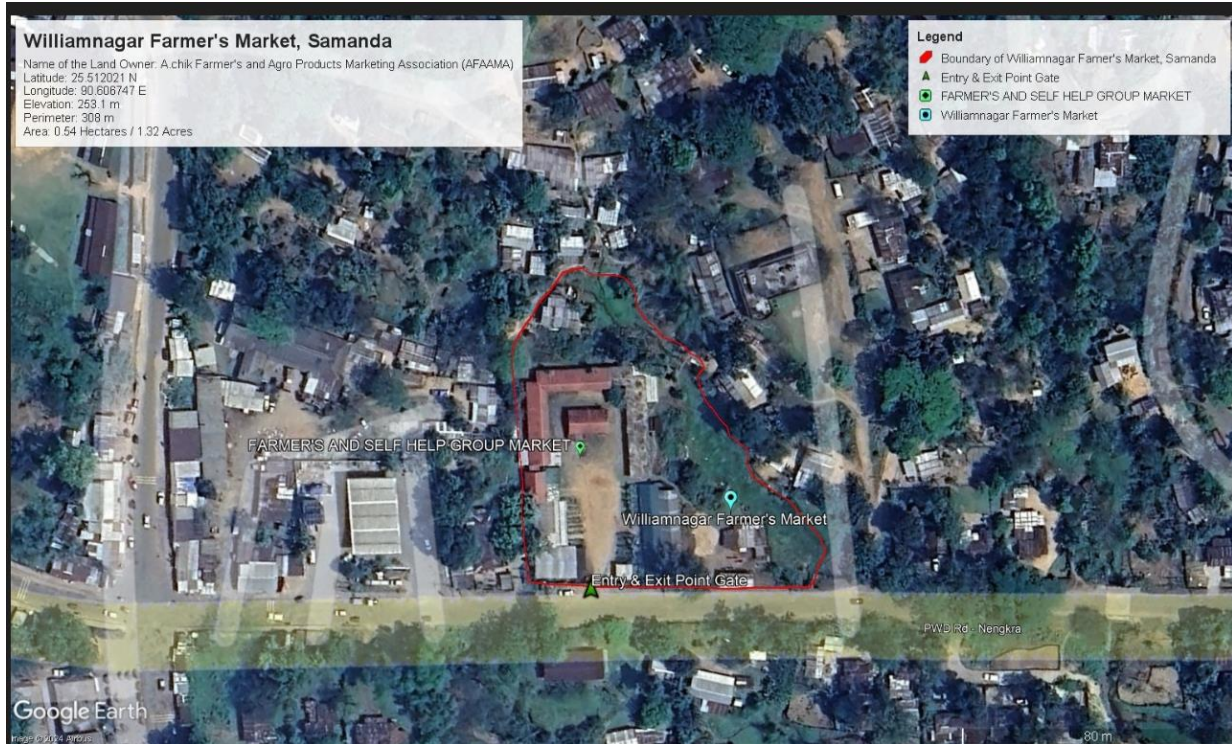
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Williamnagar, Samanda, East Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/ under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Williamnagar, Samanda block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	East Garo Hills		
Name of the Block	Samanda		
Name of the Settlement	Williamnagar		
Latitude	25.51207 N		
Longitude	90.60677 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Williamnagar, Samanda, East Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Williamnagar, Samanda is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Williamnagar, Samanda is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Williamnagar, Samanda is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO, response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO, response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT DIENKYNTHONG, LAITKROH
KHATARSHNONG BLOCK, EAST KHASI HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Diengkynthong, Laitkroh Khatarshnong Block, East Khasi Hills District will be constructed under the above project.
2. The project land is free from any coupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

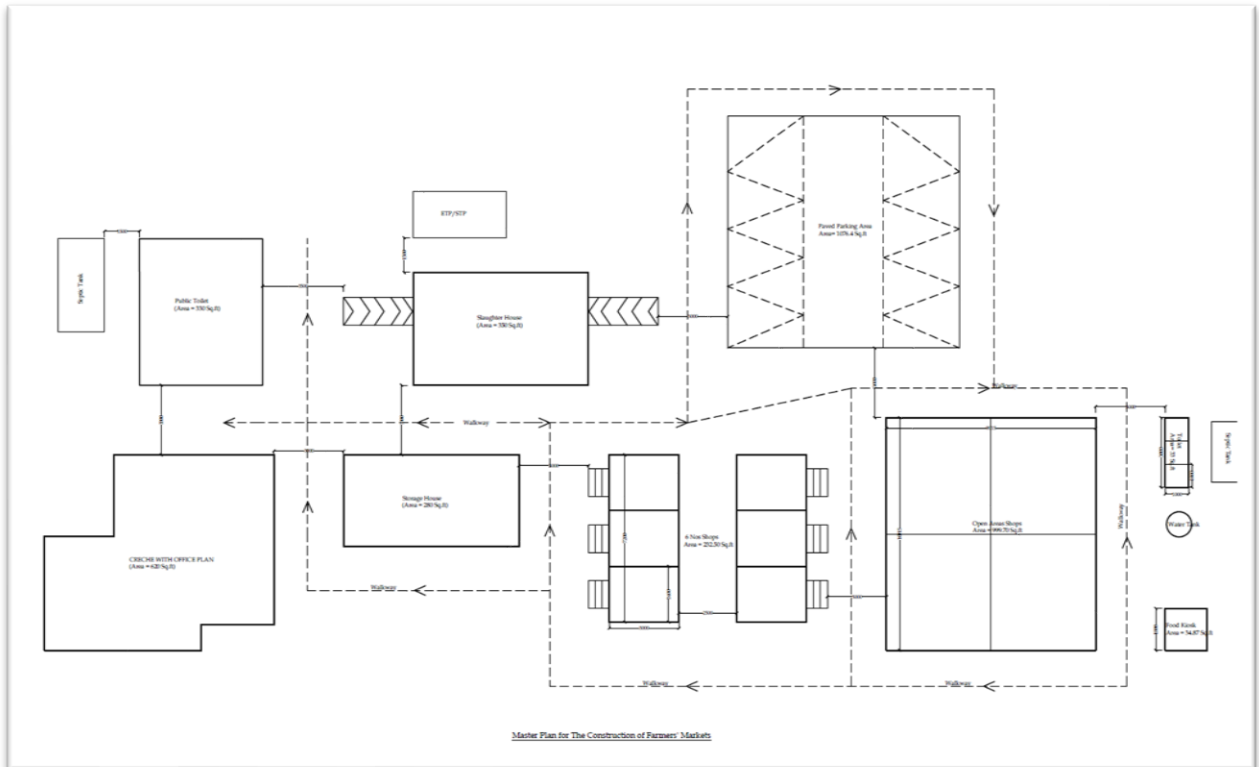
This ESCMP is being developed for the market construction at Diengkynthong within Laitkroh Khatarshnong Block in East Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
1	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m	70	Laitlyngkot, 3KM	bay leaf, honey, Broom grass, vegetables

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC

funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

Further details of the Diengkynthong at Laitkroh Khatarshnong, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as bay leaf, honey, Broomgrass, vegetables, among others which are locally produced. The beneficiary villagers are from nearby 70 villages and other nearest centre from this area is Laitlyngkot which is 3 Km away.

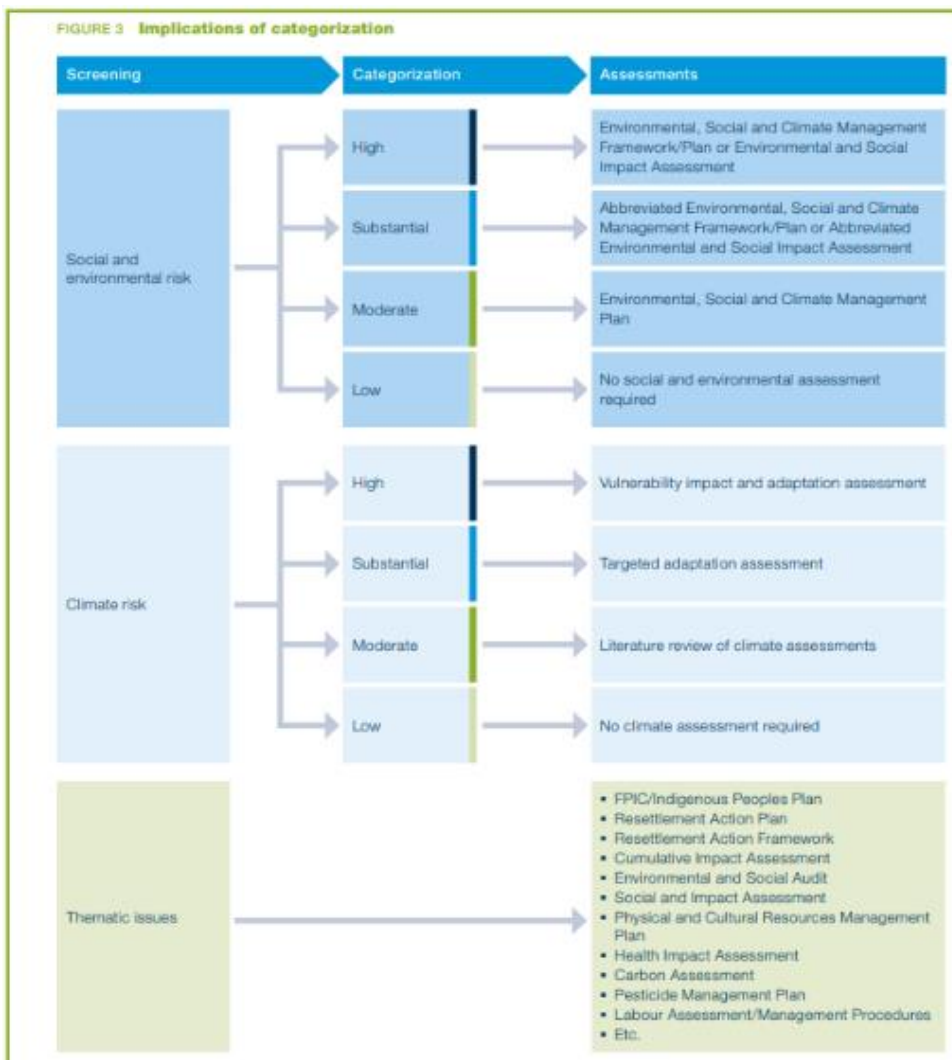
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be

constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Diengkynthong, Laitkroh Khatarshnong, East Khasi Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Diengkynthong, Laitkroh Khatarshnong block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	East Khasi Hills		
Name of the Block	Laitkroh Khatarshnong		
Name of the Settlement	Diengkynthong		
Latitude	25.434268 N		
Longitude	91.803498 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Diengkynthong, Laitkroh Khatarshnong, East Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Diengkynthong, Laitkroh Khatarshnong is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Diengkynthong, Laitkroh Khatarshnong is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ “Sensitive areas” include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical culturalresources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

6. Would the project develop large-scale ⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?	No	The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.
7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)	No	There is no usage of agrochemicals in this construction of farmers market
8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)	Yes	The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.
9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)	No	The construction of the farmers market is at a minor scale and does not impact any local biodiversity
10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)	No	The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development.

		<p>The waste management will be addressed through:</p> <ol style="list-style-type: none"> 1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/ upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft.

		Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft

⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Diengkynthong, Laitkroh Khatarshnong is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)?(Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT KHRANG, LAITKROH KHATARSHNONG BLOCK,
EAST KHASI HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Khrang, Laitkroh Khatarshnong Block, East Khasi Hills District will be constructed under the above project.
2. The project land is free from any coupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

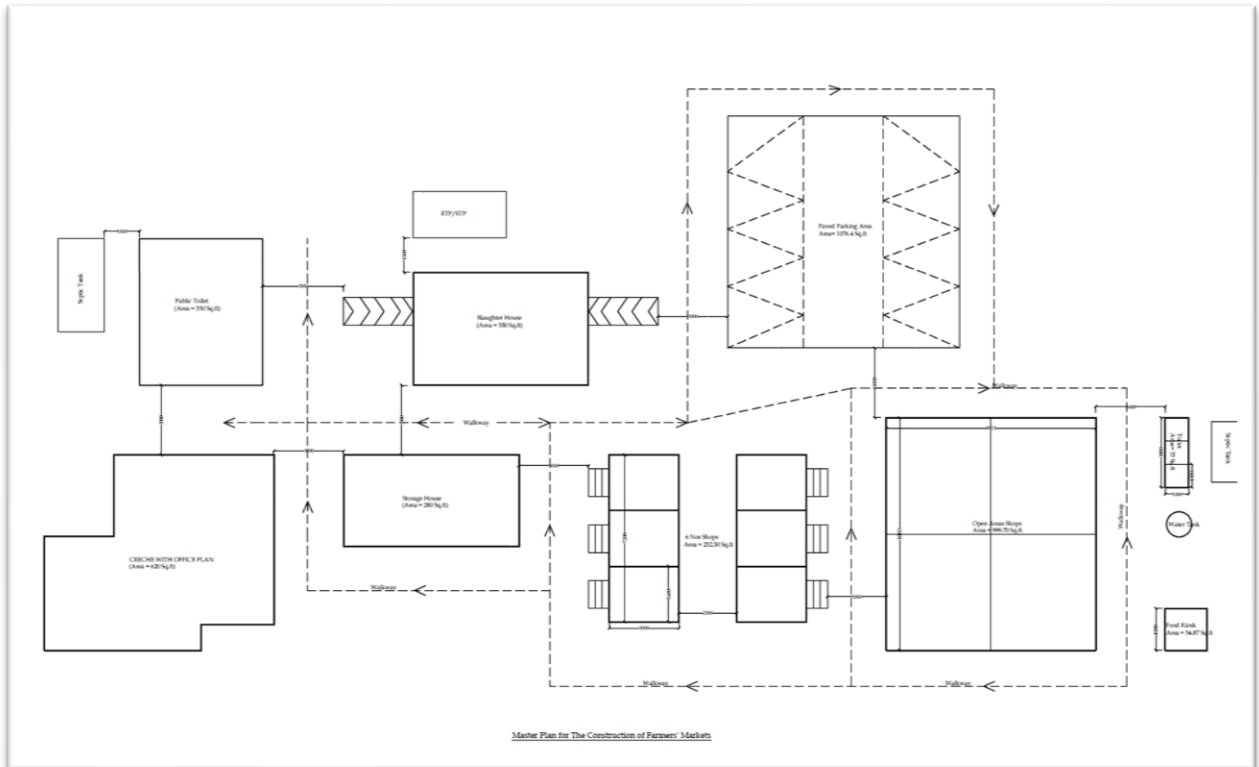
This ESCMP is being developed for the market construction at Khrang within Laitkroh Khatarshnong Block in East Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m	20	Mawjrong 22km, Laitlyngkot 27km, Sohra 45km	broom grass, ginger, bay leaf, pepper

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC

funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

Further details of the Khrang at Laitkroh Khatarshnong, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as broomgrass, ginger, bay leaf, pepper, among others which are locally produced. The beneficiary villagers are from nearby 20 villages and other nearest centre from this area is Mawjrong which is 22 Km away.

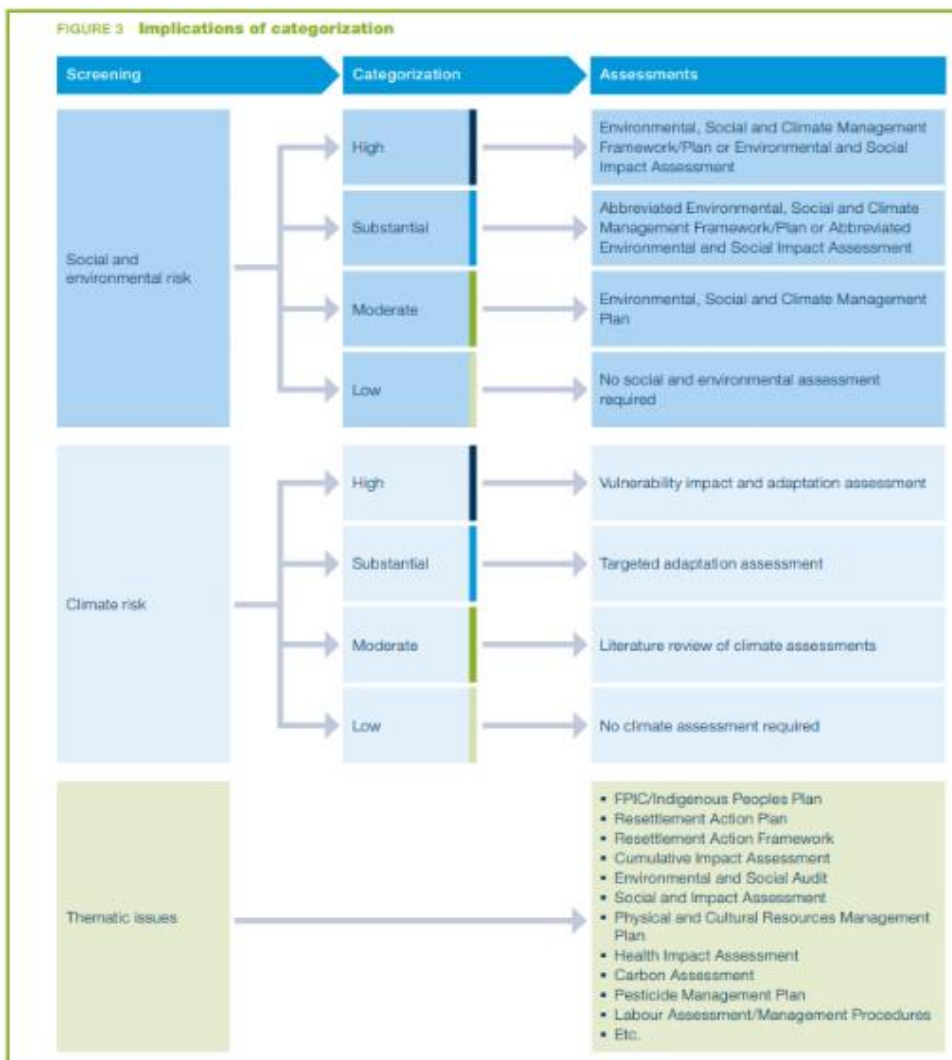
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be

constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Khrang, Laitkroh Khatarshnong, East Khasi Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Khrang, Laitkroh Khatarshnong block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	East Khasi Hills		
Name of the Block	Laitkroh Khatarshnong		
Name of the Settlement	Khrang		
Latitude	25.322077 N		
Longitude	91.796674 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Khrang, Laitkroh Khatarshnong, East Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Khrang, Laitkroh Khatarshnong is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Khrang g, Laitkroh Khatarshnong is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Khrang, Laitkroh Khatarshnong is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT JATAH, MAWKYNREW BLOCK, EAST KHASI
HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Jatah, MawkynrewBlock, East Khasi Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

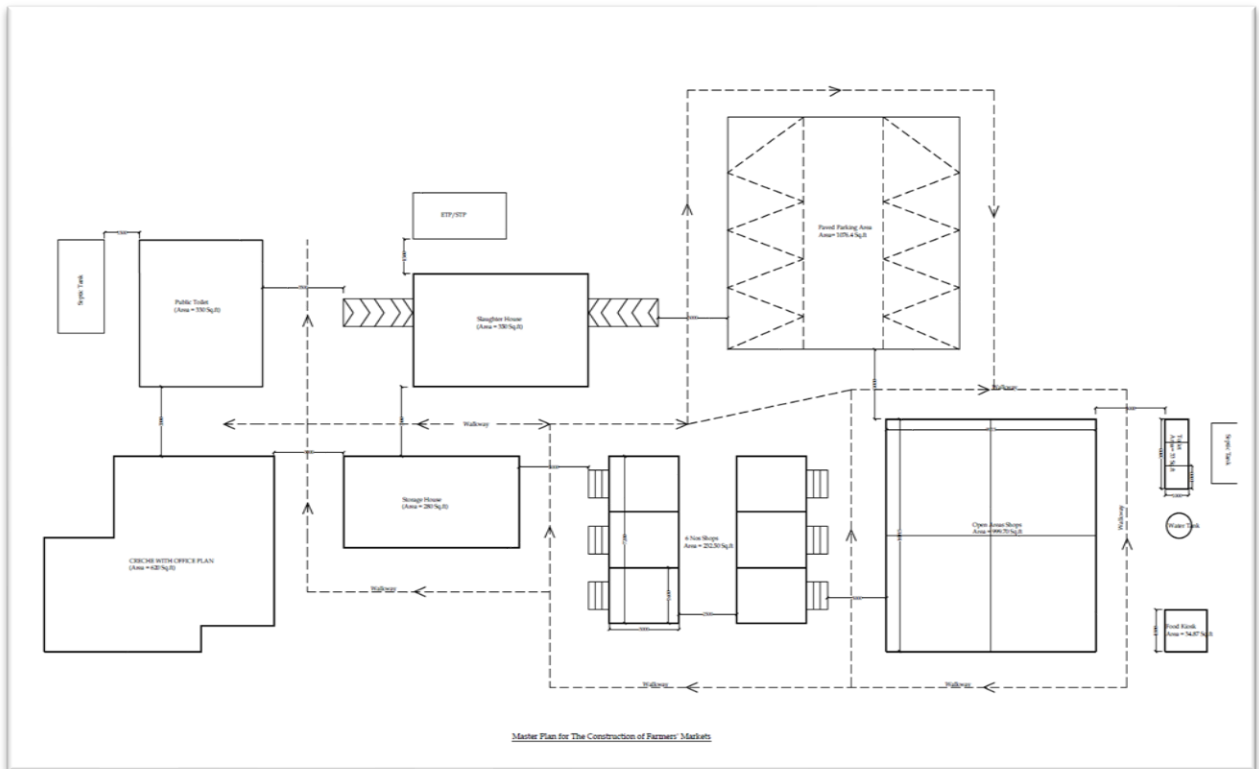
1.2 Sub-project Description:

This ESCMP is being developed for the market construction at Jatah within Mawkynew Block in East Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Near by market and distance	Commodities
21	East Khasi Hills	Mawkynew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m	12	Jatah, 50 m	broom grass, potato, orange

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Jatah at Mawkynrew, such as Bill of Quantities and Drawings of the infrastructure are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as broomgrass, potato, orange, among others which are locally produced. The beneficiary villagers are from nearby 12 villages and other nearest centre from this area is Jatah which is 50 m away.

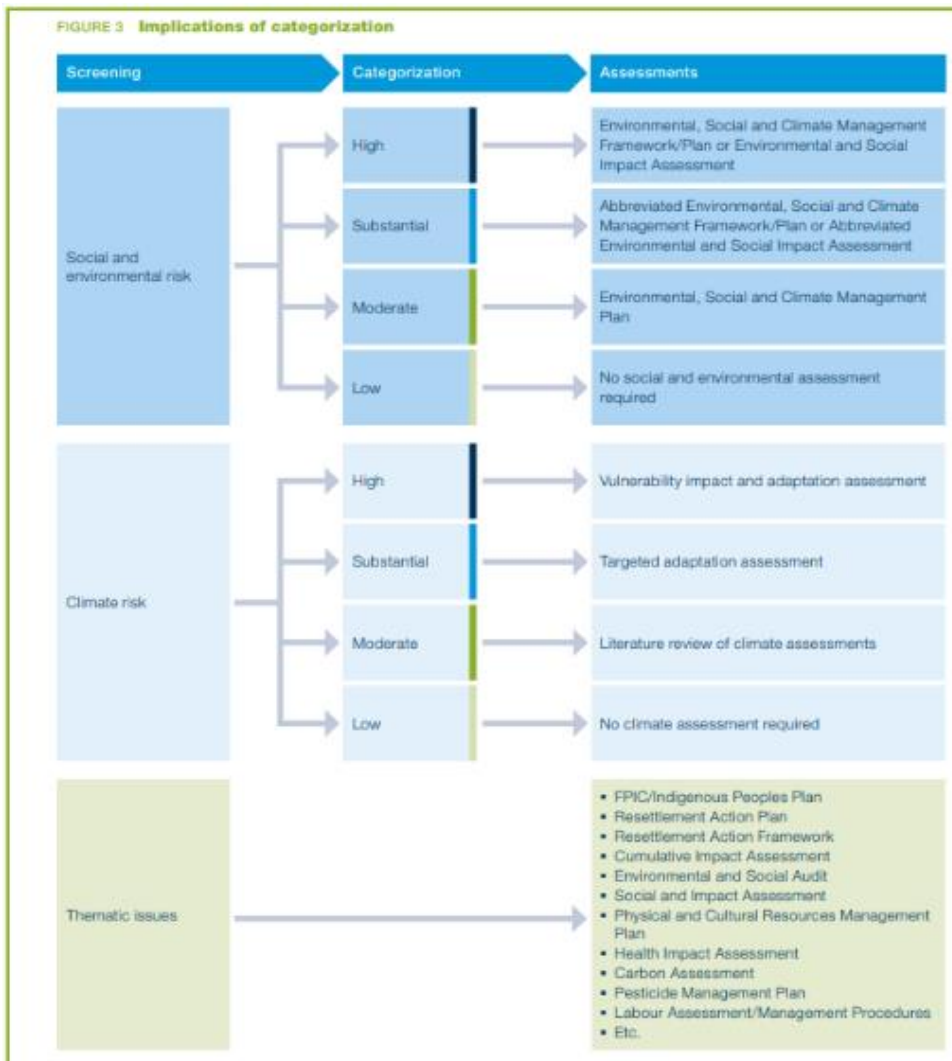
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate

risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

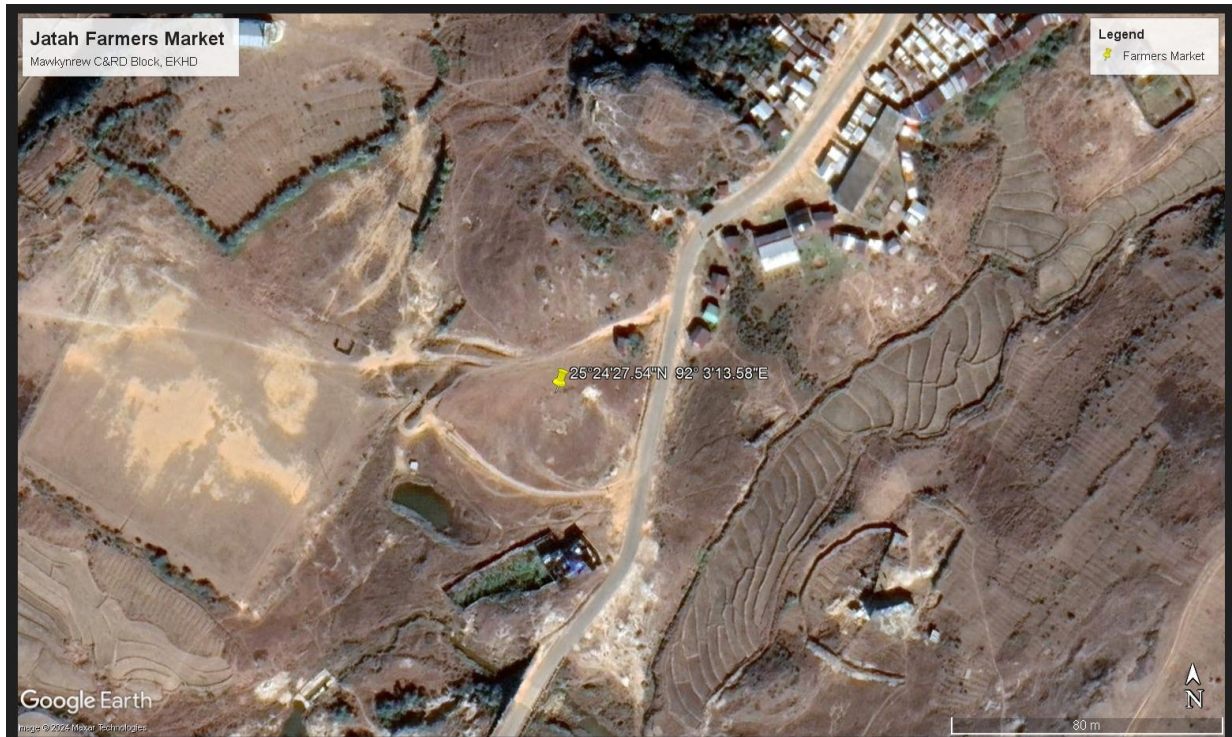
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Jatah, Mawkyntrew, East Khasi Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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Climate Change Adaptation	1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the	Design costs	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	ED – Technical, MBMA	Prior and during the construction phase
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Jatah, Mawkynrew block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	East Khasi Hills		
Name of the Block	Mawkynrew		
Name of the Settlement	Jatah		
Latitude	25.407866 N		
Longitude	92.043784 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Jatah, Mawkynrew, East Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Jatah, Mawkynrew is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Jatah, Mawkynrew is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Jatah, Mawkynew is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)?(Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal workers is foreseen for

		construction.
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Guidance for categorization

<p>Yes response to any questions between 1 and 21</p>	<p>Environmental and social category is not a category A</p>	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
<p>NO, response to all questions between 1 and 21 and also no response for questions 22 and 36</p>	<p>Environmental and social category is B</p>	<p>As project is not a Category B; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction</p>
<p>NO, response to all questions between 1 and 36</p>	<p>Environmental and social category is C</p>	<p>No further analysis is required.</p>

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT JONGSHA, MAWKYNREW BLOCK, EAST KHASI
HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Jongsha, MawkynrewBlock, East Khasi Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

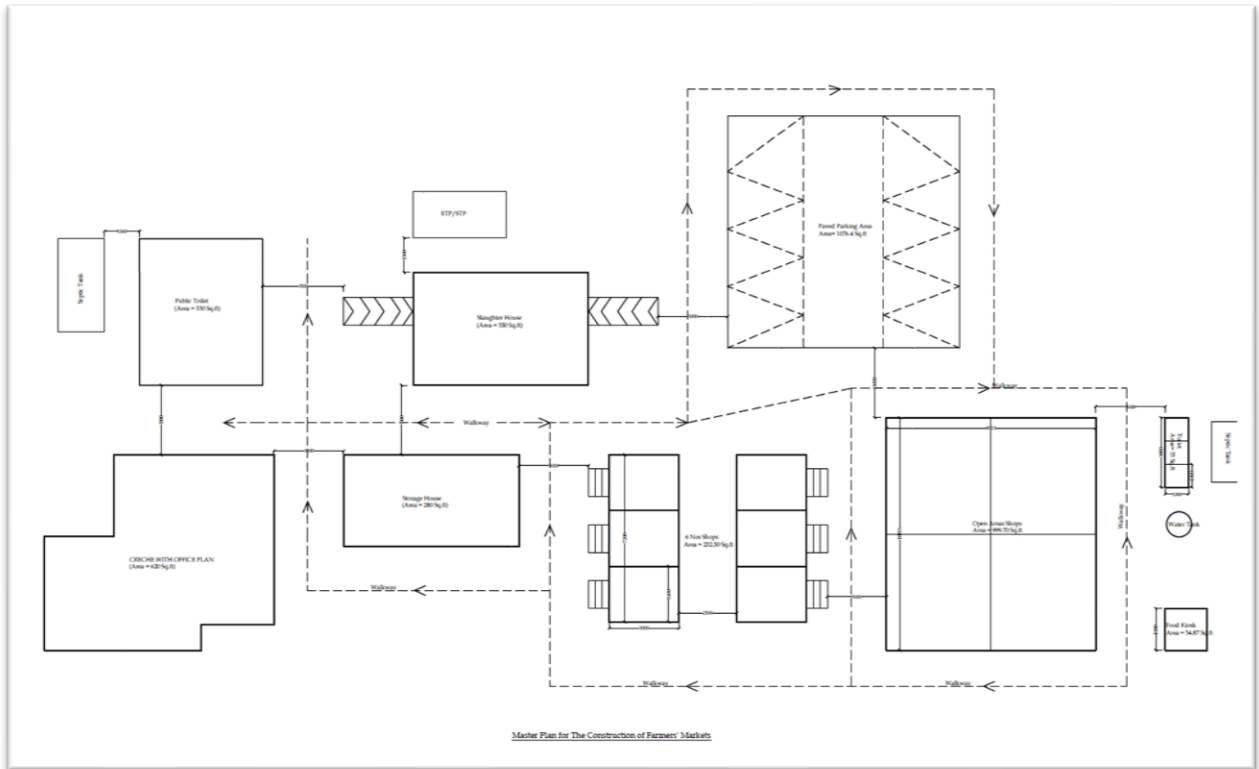
This ESCMP is being developed for the market construction at Jongksha within Mawkynew Block in East Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
1	East Khasi Hills	Mawkynew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m	9	Lewrynghep 10km	Potato, vegetables

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.

- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Jongsha at Mawkynew, such as Bill of Quantities and Drawings of the infrastructure are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as potato and vegetables, among others which are locally produced. The beneficiary villagers are from nearby 9 villages and other nearest centre from this area is Iewrynghep which is 10 Km away.

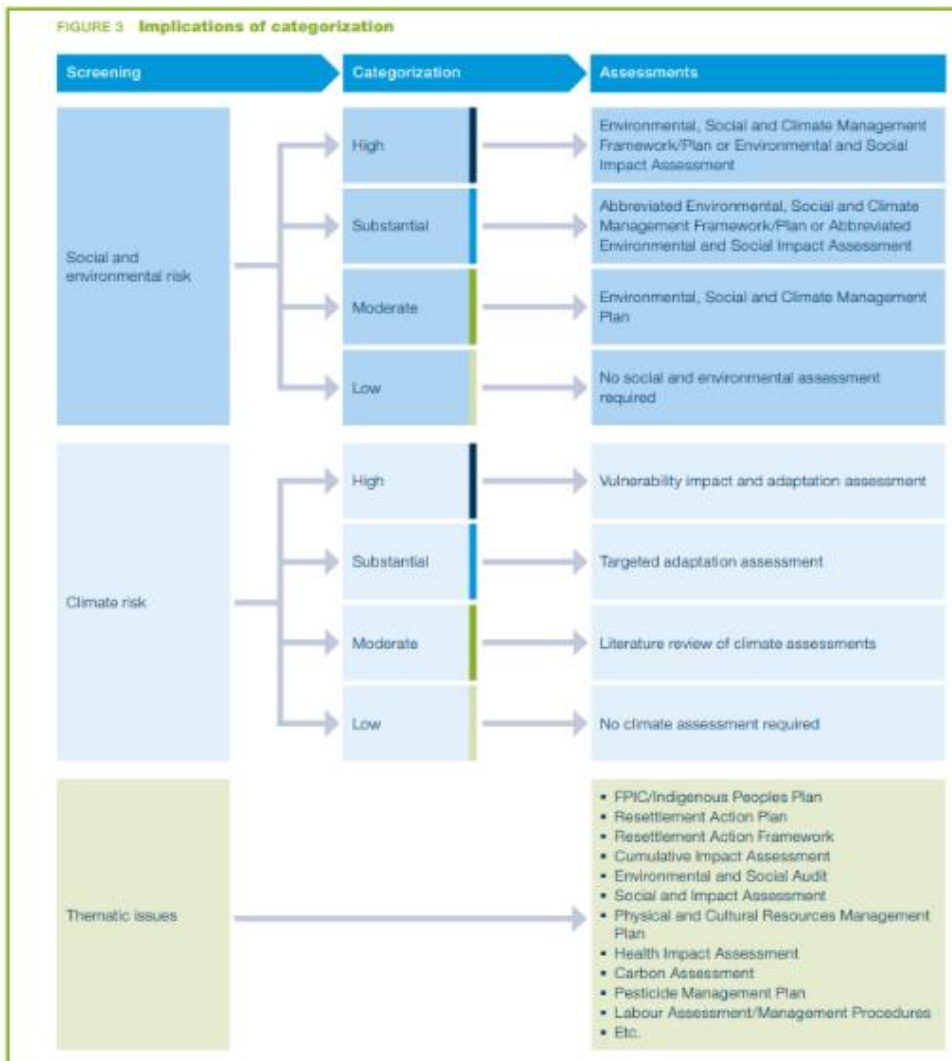
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate

risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Jongsha, Mawkyntrew, East Khasi Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/ under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Jongsha, Mawkynrew block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	East Khasi Hills		
Name of the Block	Mawkynrew		
Name of the Settlement	Jongsha		
Latitude	25.468343 N		
Longitude	91.972646 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Jongsha, Mawkynrew, East Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Jongsha, Mawkynrew is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Jongsha, Mawkynrew is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Jongsha, Mawkynew is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)?(Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal workers is foreseen for

		construction.
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Guidance for categorization

<p>Yes response to any questions between 1 and 21</p>	<p>Environmental and social category is not a category A</p>	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
<p>NO, response to all questions between 1 and 21 and also no response for questions 22 and 36</p>	<p>Environmental and social category is B</p>	<p>As project is not a Category B; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction</p>
<p>NO, response to all questions between 1 and 36</p>	<p>Environmental and social category is C</p>	<p>No further analysis is required.</p>

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT KYRPHEI, MAWPHLANG BLOCK, EAST KHASI
HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Kyrphei, Mawphlang Block, East Khasi Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

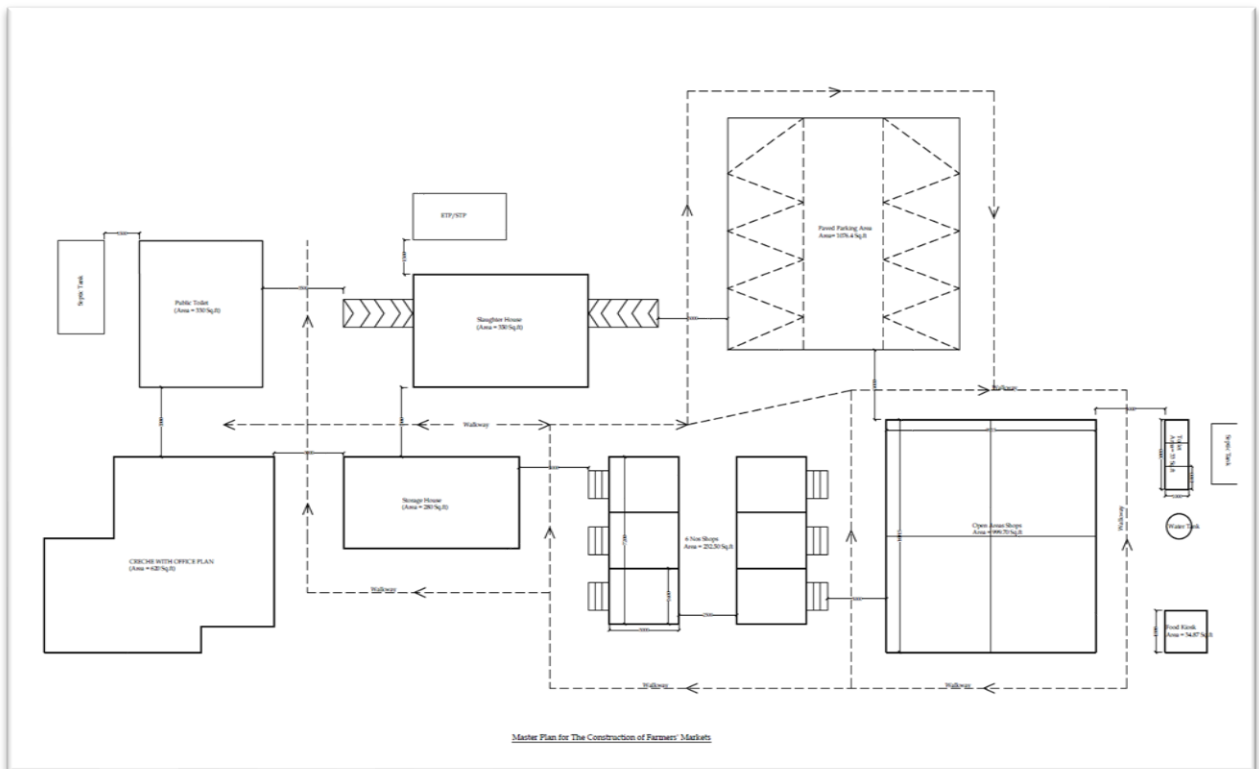
This ESCMP is being developed for the market construction at Kyrphei within Mawphlang Block in East Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages covered	Near by market and distance	Commodities
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m	5	Tyrsad 3 km	potato, beans, carrot and other vegetables

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC

funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

Further details of the Kyrphei at Mawphlang, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as potato, beans, carrot and other vegetables, among others which are locally produced. The beneficiary villagers are from nearby 5 villages and other nearest centre from this area is Tyrsad which is 3 Km away.

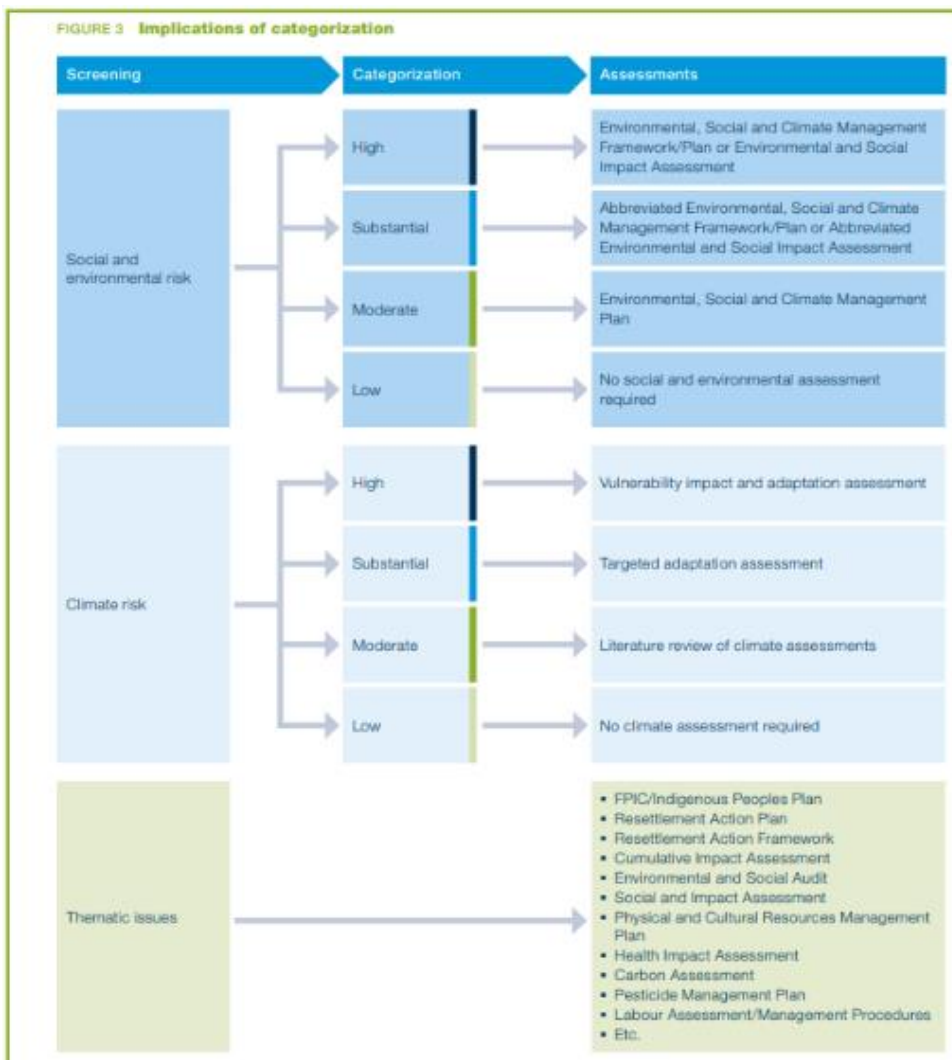
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be

constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Kyrphei, Mawphlang, East Khasi Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Kyrphei, Mawphlang block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	East Khasi Hills		
Name of the Block	Mawphlang		
Name of the Settlement	Kyrphei		
Latitude	25.38642 N		
Longitude	91.651403 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Kyrphei, Mawphlang, East Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Kyrphei, Mawphlang is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Kyrphei, Mawphlang is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Kyrphei, Mawphlang is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)?(Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal workers is foreseen for

		construction.
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Guidance for categorization

<p>Yes response to any questions between 1 and 21</p>	<p>Environmental and social category is not a category A</p>	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
<p>NO, response to all questions between 1 and 21 and also no response for questions 22 and 36</p>	<p>Environmental and social category is B</p>	<p>As project is not a Category B; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction</p>
<p>NO, response to all questions between 1 and 36</p>	<p>Environmental and social category is C</p>	<p>No further analysis is required.</p>

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT PHLANGWANBROI, MAWSYNRAM BLOCK,
EAST KHASI HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Phlangwanbroi, Mawsynram Block, East Khasi Hills District will be constructed under the above project.
2. The project land is free from any coupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

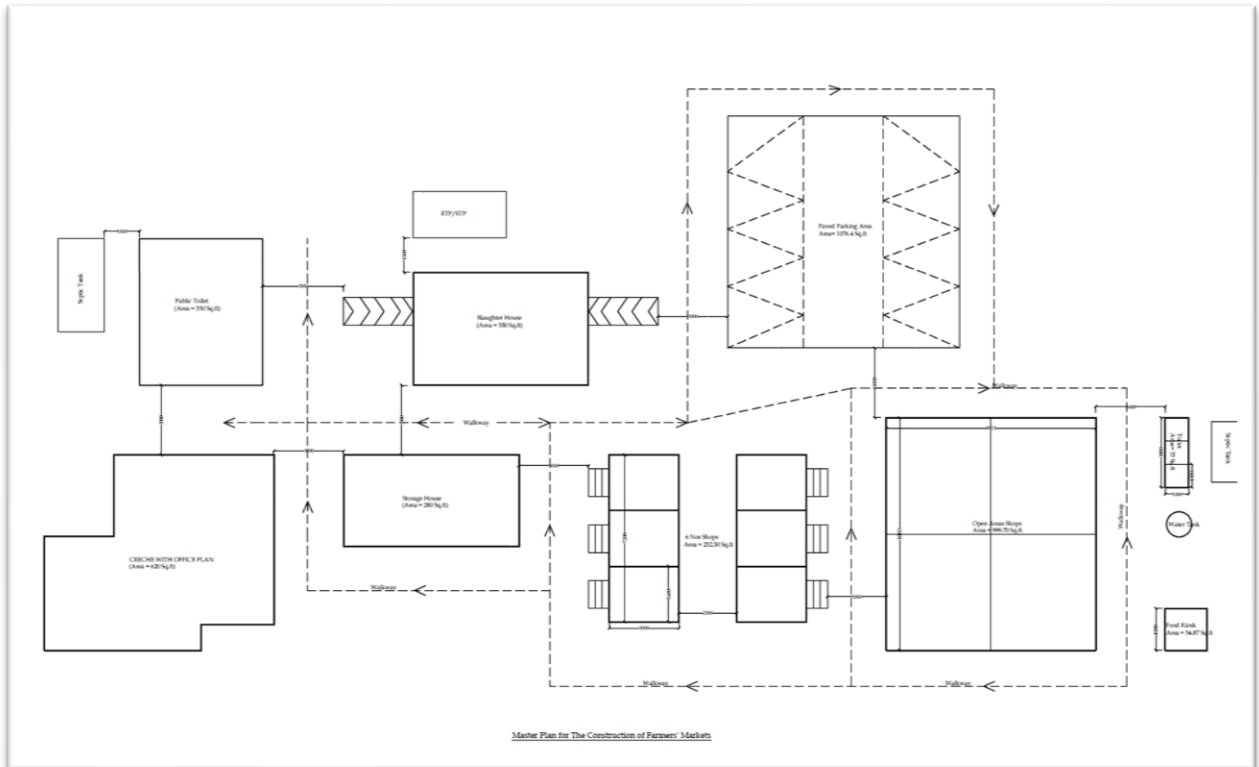
This ESCMP is being developed for the market construction at Phlangwanbroi within Mawsynram Block in East Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
1	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m	39	Mawsynram-14 km	Pepper Bayleaf, jackfruit, broom grass, arecanut

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC

funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

Further details of the Phlangwanbroi at Mawsynram, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as Pepper Bayleaf, jackfruit, broomgrass, arecanut, among others which are locally produced. The beneficiary villagers are from nearby 39 villages and other nearest centre from this area is Mawsynram which is 14 Km away.

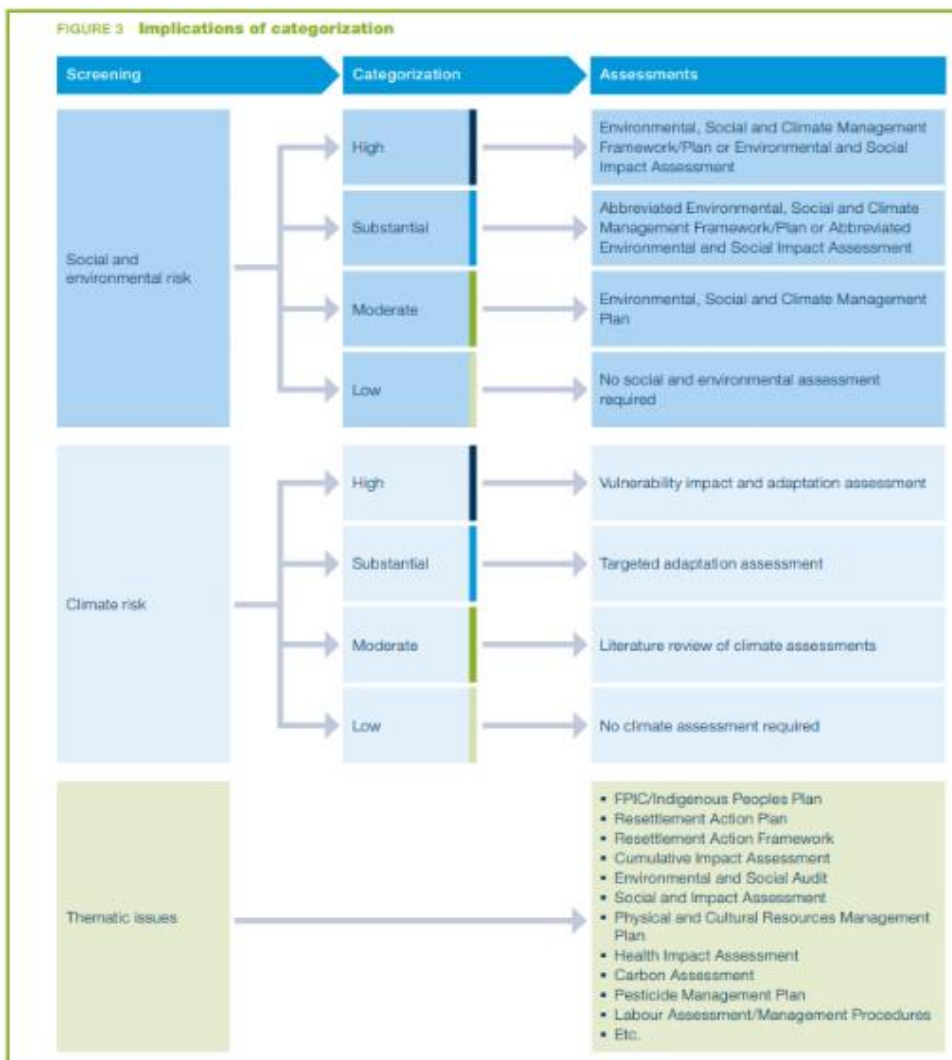
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be

constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Phlangwanbroi, Mawsynram, East Khasi Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/ under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Phlangwanbroi, Mawsynram block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	East Khasi Hills		
Name of the Block	Mawsynram		
Name of the Settlement	Phlangwanbroi		
Latitude	25.249085 N		
Longitude	91.489027 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Phlangwanbroi, Mawsynram, East Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Phlangwanbroi, Mawsynram is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Phlangwanbroi, Mawsynram is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Phlangwanbroi, Mawsynram is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT LAITYRA, SHELLA BHOLAGANJ BLOCK, EAST
KHASI HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Laittyra, Shella Bholaganj Block, East Khasi Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

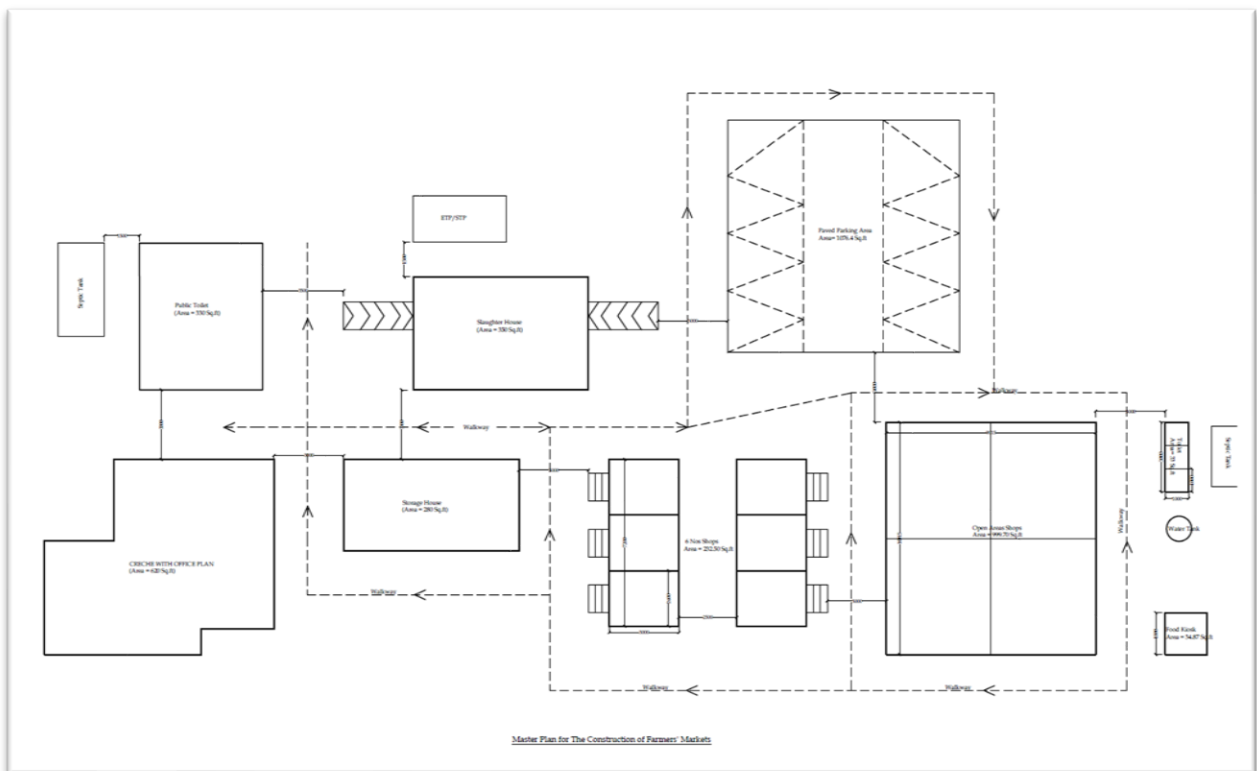
This ESCMP is being developed for the market construction at Laittyra within Shella Bholaganj Block in East Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Near by market and distance	Commodities
1	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.737972, Elevation: 803.04m	10	Sohra 20km	Areca nut, broom stick, Bay leaf, Wild pepper, Black pepper,

								Jack fruit
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The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

Further details of the Laittyra at Shella Bholaganj, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as Arecanut, broom stick, Bay leaf, Wild pepper, Black pepper, Jack fruit, among others which are locally

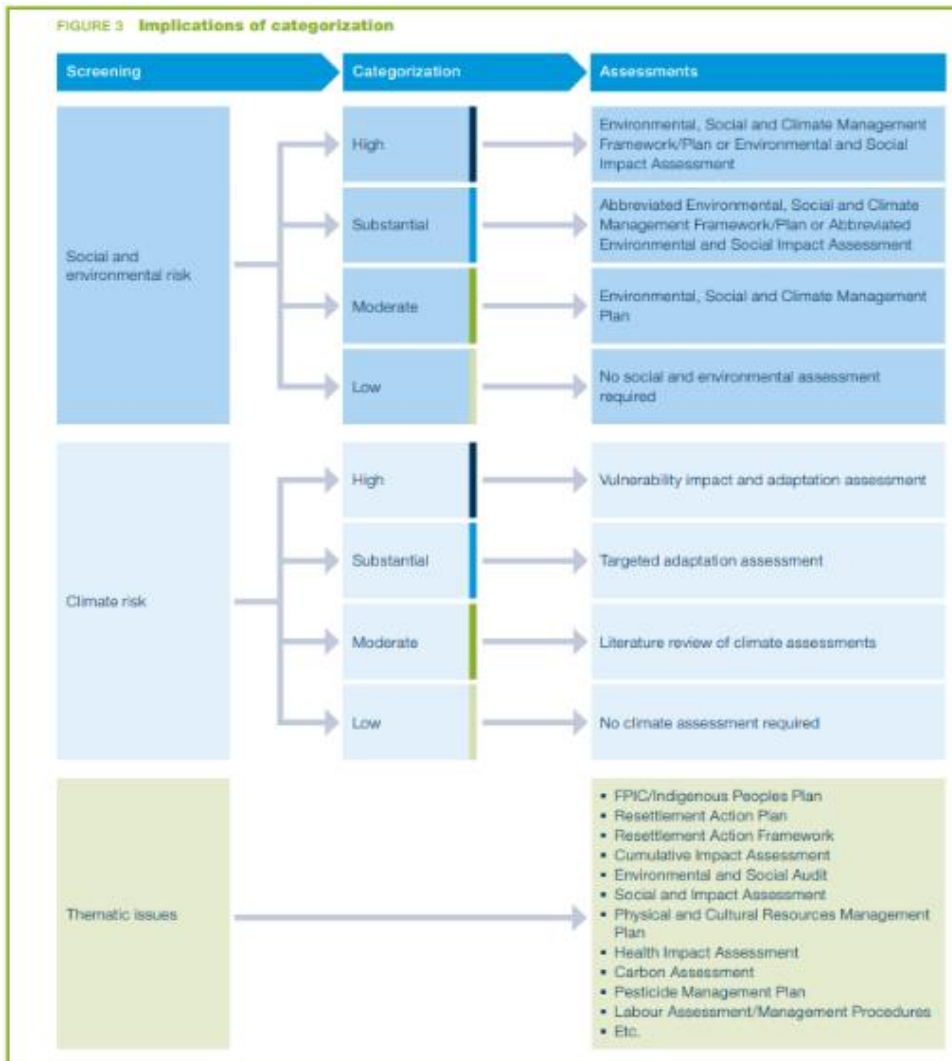
produced. The beneficiary villagers are from nearby 10 villages and other nearest centre from this area is Sohra which is 20 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Laittyra, Shella Bholaganj, East Khasi Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Laittyra, Shella Bholaganj block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	East Khasi Hills		
Name of the Block	Shella Bholaganj		
Name of the Settlement	Laittyra		
Latitude	25.209024 N		
Longitude	91.737972 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Laittyra, Shella Bholaganj, East Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Laittyra, Shella Bholaganj is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Laittyra, Shella Bholaganj is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Laittyra, Shella Bholaganj is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT ADOKRE BAZAR, KHARKUTTA BLOCK, NORTH
GARO HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Adokgre Bazar, Kharkutta block, North Garo Hills District will be constructed under the above project.
2. The project land is free from any coupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

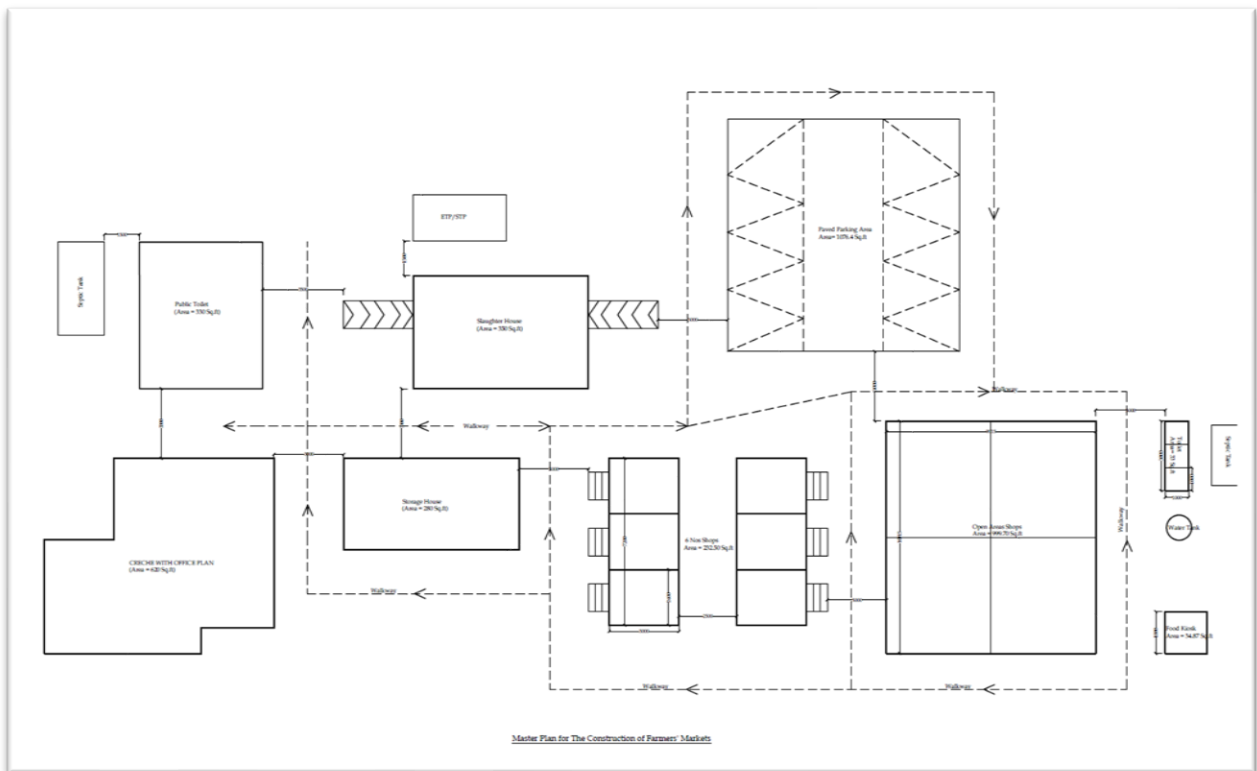
This ESCMP is being developed for the market construction at Adokgre Bazar within Kharkutta Block in North Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.002282, Elevation:82.64+7m	39	Dhudara, 12km	Paddy, arecanut, banana, ginger, black pepper, litchi, Burmesegrape, jackfruit, rubber, pineap

						ple, oranges , and seasona l vegetab les
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The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Adokgre Bazarat Kharkutta, such as Bill of Quantities and Drawings of the infrastruture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

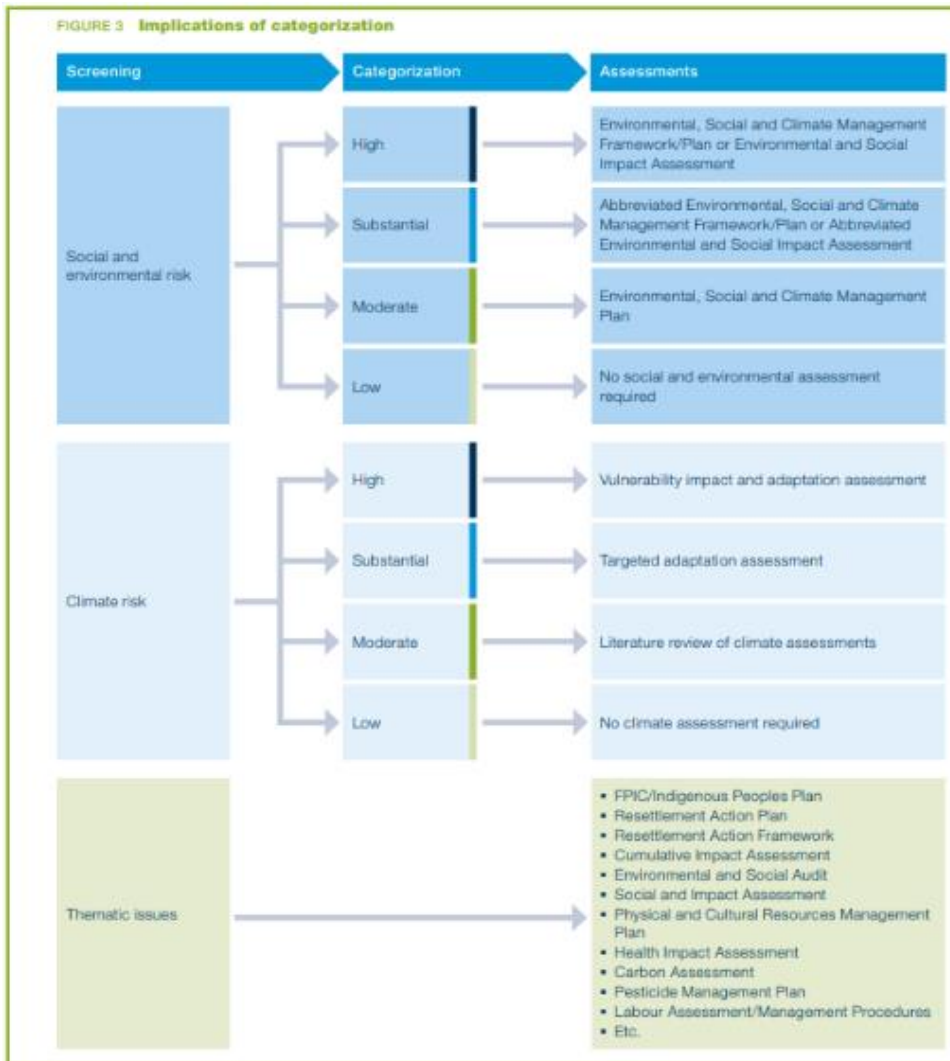
Through this market shade the farmers can sell products Paddy, arecanger, banana, ginger, black pepper, litchi, Burmese grap, jackfruit, rubber, pineapple, oranges, and seasonal vegetables, among others which are locally produced. The beneficiary villagers are from nearby 39 villages and other nearest centre from this area is Dhudara which is 12 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implemetation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

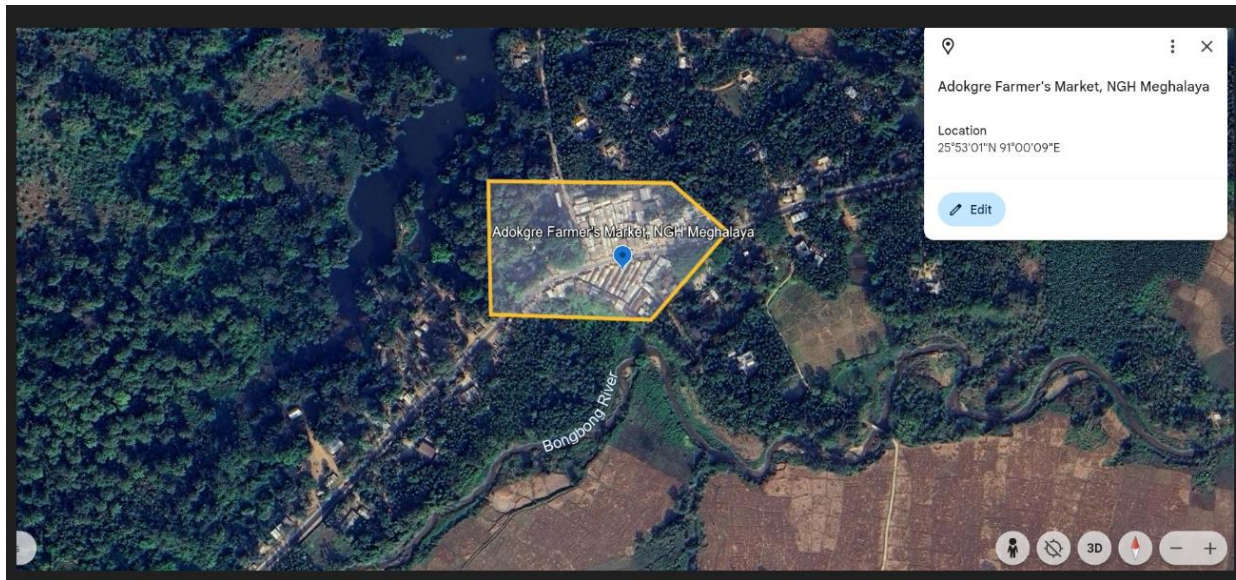
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Adokgre Bazar, Kharkutta, North Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Adokgre Bazar, Kharkutta block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	North Garo Hills		
Name of the Block	Adokgre Bazar		
Name of the Settlement	Kharkutta		
Latitude	25.883751 N		
Longitude	91.002282 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Adokgre Bazar, Kharkutta, North Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Adokgre Bazar, Kharkutta is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Adokgre Bazar, Kharkutta is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Adokgre Bazar, Kharkutta is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO, response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO, response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT BAGHABATTA, KHARKUTTA BLOCK, NORTH
GARO HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Baghabatta, Kharkutta block, North Garo Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

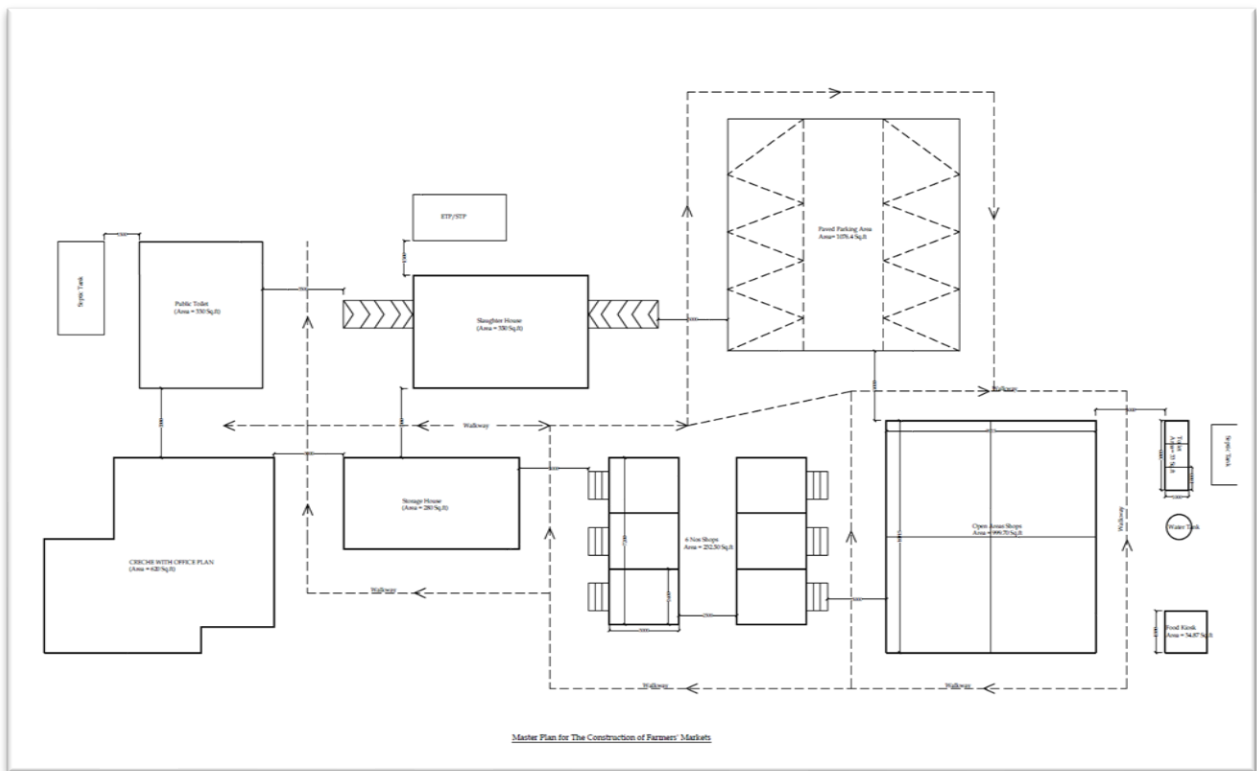
This ESCMP is being developed for the market construction at Baghabatta within Kharkutta Block in North Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
1	North Garo Hills	Khar kutta	Baghabatta	Latitude:25.922911, Longitude:90.860066, Elevation:78.8+3m	20	Kharkutta Bazaar, 4km	Paddy, arecanut, banana, ginger, black pepper, litchi, Burmese grape, jackfruit, rubber, pineapple, turmeric

								and seasonal vegetables
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The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Baghabatta Market at Kharkutta, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products Paddy, arecanut, banana, ginger, black pepper, litchi, Burmese grape, jackfruit, rubber, pineapple, turmeric

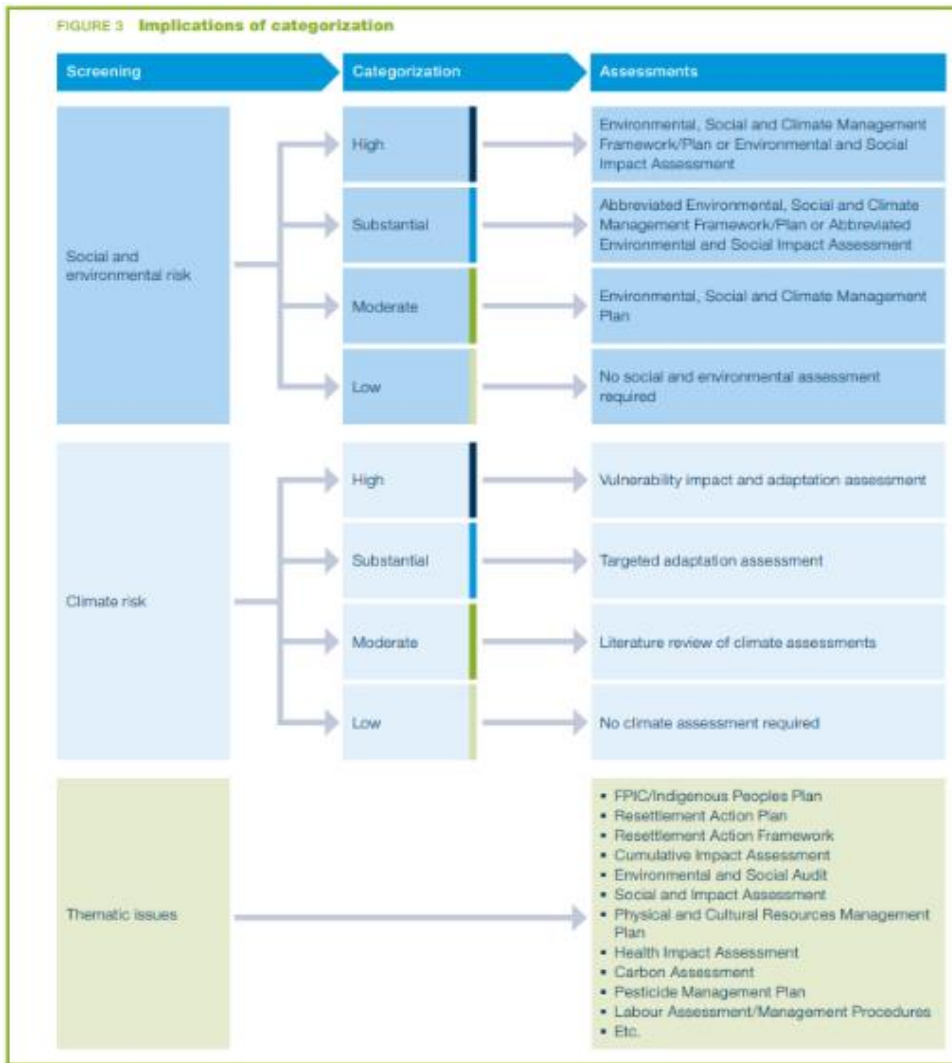
and seasonal vegetables, among others which are locally produced. The beneficiary villagers are from nearby 20 villages and other nearest centre from this area is Kharkutta Bazaar which is 4 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

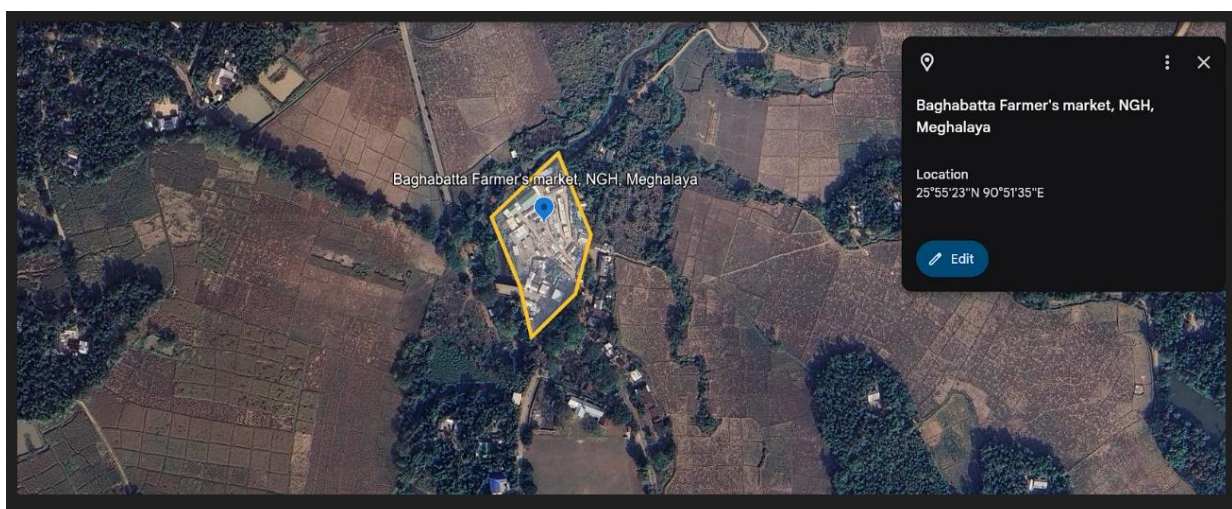
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Baghabatta, Kharkutta, North Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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Climate Change Adaptation	1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the	Design costs	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	ED – Technical, MBMA	Prior and during the construction phase
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Baghabatta, Kharkutta block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	North Garo Hills		
Name of the Block	Baghabatta		
Name of the Settlement	Kharkutta		
Latitude	25.922911 N		
Longitude	90.860066 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Baghabatta, Kharkutta, East Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Baghabatta, Kharkutta is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Baghabatta, Kharkutta is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Baghabatta, Kharkutta is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO, response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO, response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

PROPOSED FARMER'S MARKET LOCATION AT AMSOHBIR, JIRANG BLOCK, RI-BHOI DISTRICT

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Amsohbir, Jirang Block, Ri-Bhoi District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

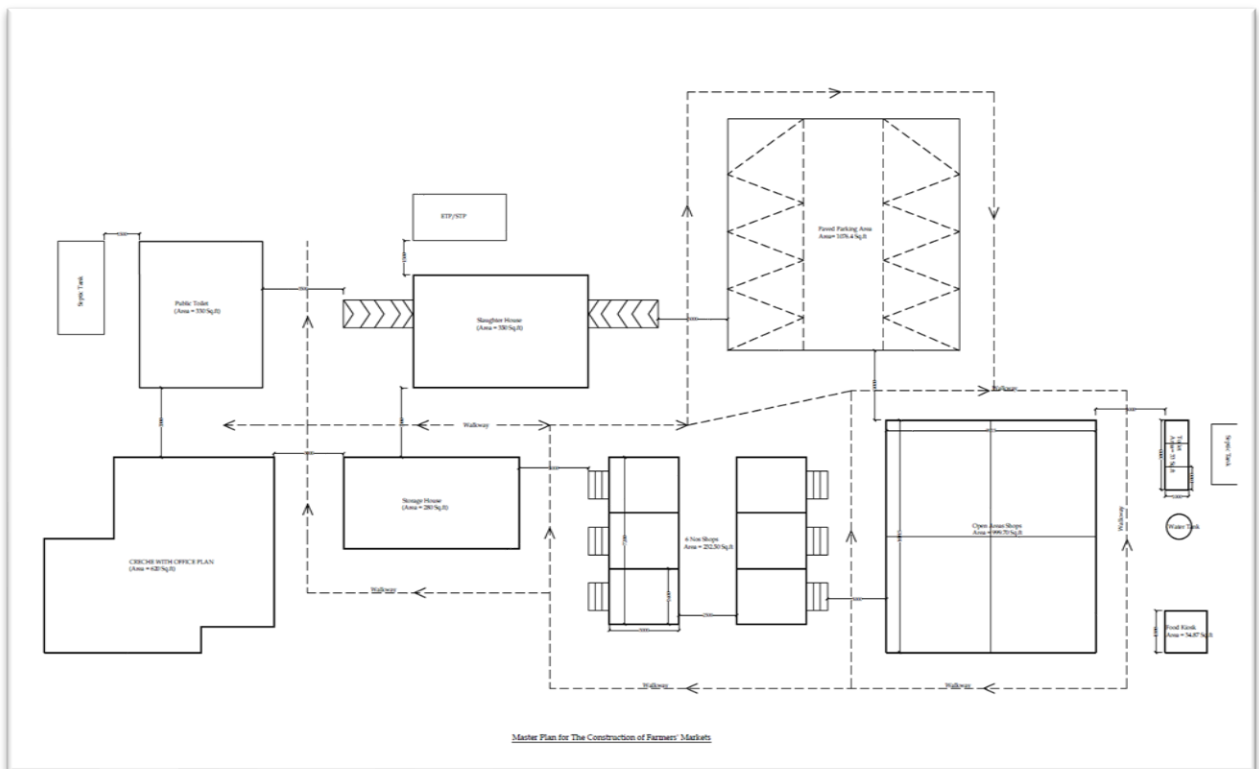
1.2 Sub-project Description:

This ESCMP is being developed for the market construction at Amsohbir within Jirang Block in Ri-Bhoi district. The other details of the location are as follows:

Sl. No	Dist rict	Blo ck	Locat ion	GPS Location	No of villa ges cove r	Near by mar ket and dista nce	Commodities
1	Ri Bhoi	Jira ng	Amso hbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E	22	Iew Jiran g - 10 km from exist ing mar ket	Broom grass, bay leaf, oranges

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Amsohbir at Jirang, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be avilble to all the vendors who are interested to participate in this tender.

Beneficiaries:

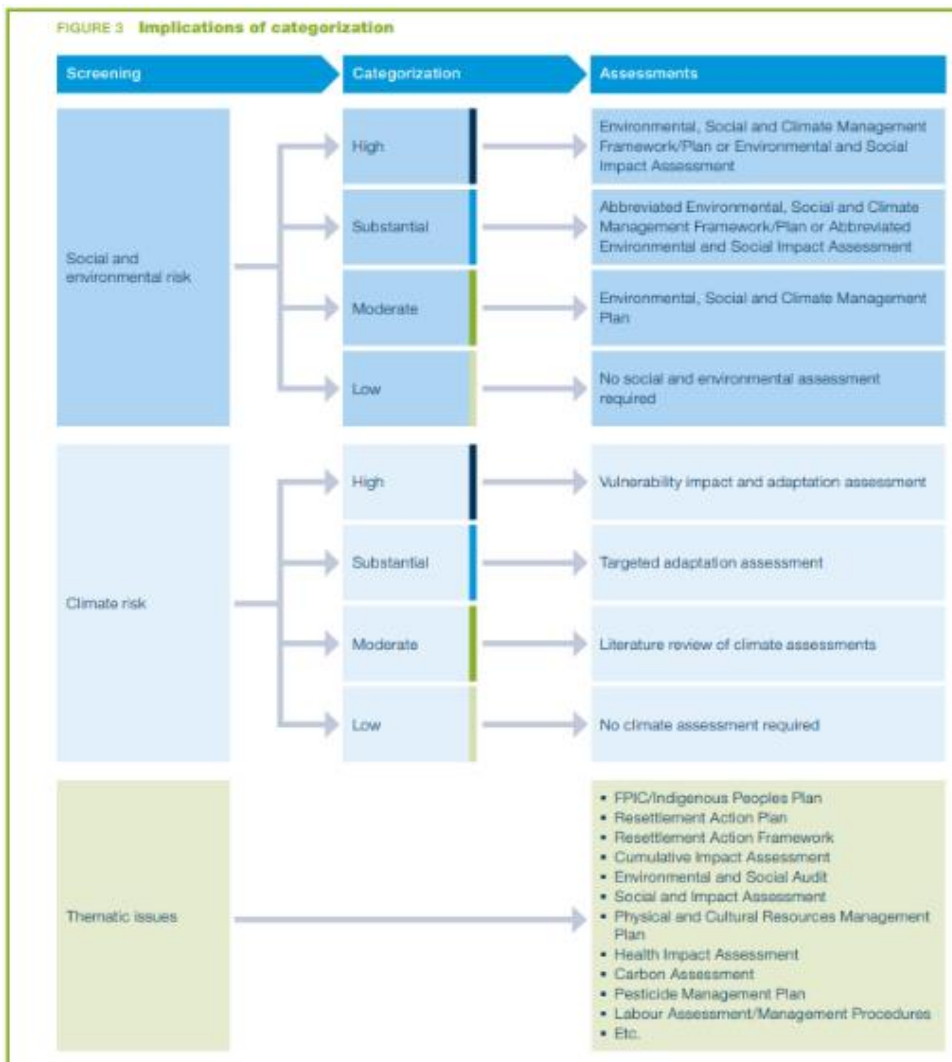
Through this market shade the farmers can sell products such as Broom grass, bay leaf, oranges, among others which are locally produced. The beneficiary villagers are from nearby 22 villages and other nearest centre from this area is Iew Jirang which is 10 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Amsohbir, Jirang, Ri-Bhoi District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/ under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Amsohbir, Jirang block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	Ri-Bhoi		
Name of the Block	Jirang		
Name of the Settlement	Amsohbir		
Latitude	25°58'12.0 N		
Longitude	91 32' 59.4 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Amsohbir, Jirang District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Amsohbir, Jirang is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Amsohbir, Jirang is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Amsohbir, Jirang is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

<p>Yes response to any questions between 1 and 21</p>	<p>Environmental and social category is not a category A</p>	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
<p>NO, response to all questions between 1 and 21 and also no response for questions 22 and 36</p>	<p>Environmental and social category is B</p>	<p>As project is not a Category B; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction</p>
<p>NO, response to all questions between 1 and 36</p>	<p>Environmental and social category is C</p>	<p>No further analysis is required.</p>

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT NONGKHRAH, UMLING BLOCK, RI-BHOI
DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Nongkhrah, Umling Block, Ri-Bhoi District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

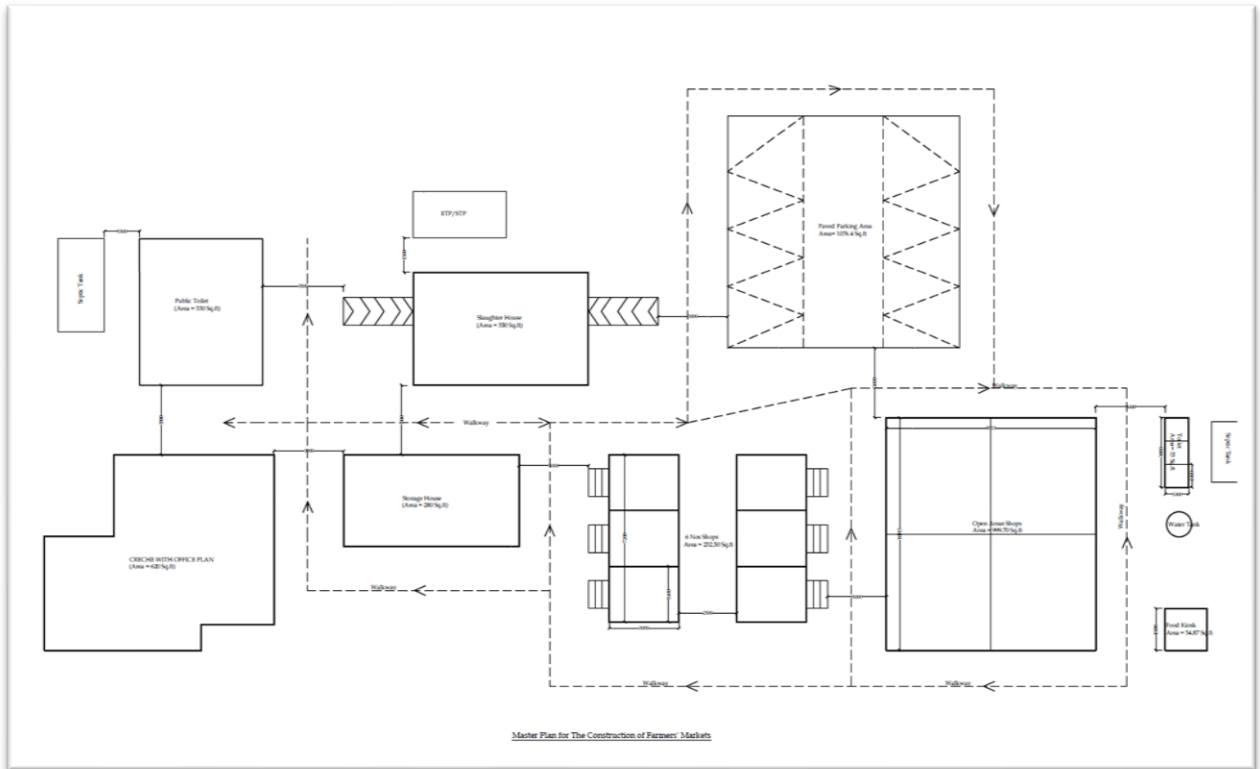
This ESCMP is being developed for the market construction at Nongkhrah within Umling Block in Ri-Bhoi district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
1	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m	15	Nongpoh - 1km	Pineapple, Papaya, guava, oranges, capsicum and offseason vegetables

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.

- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Nongkhrah at Umling, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be availble to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as Pineapple, Papaya, guava, oranges, capsicum and offseason vegetables, among others which are locally produced. The beneficiary villagers are from nearby 15 villages and other nearest centre from this area is Nongpoh which is 1 Km away.

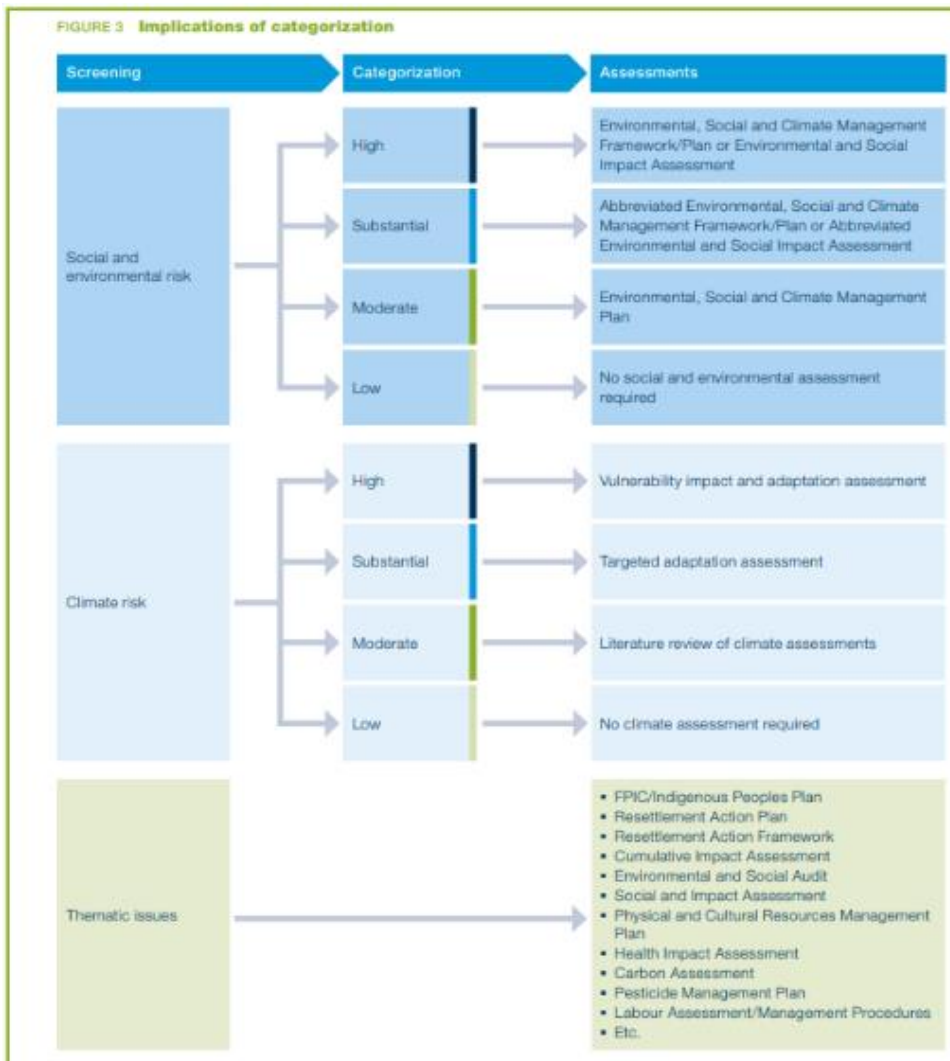
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implemetation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate

risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Nongkhrah, Umling, Ri-Bhoi District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/ under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Nongkhrah, Umling block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	Ri-Bhoi		
Name of the Block	Umling		
Name of the Settlement	Nongkhrah		
Latitude	25.932821 N		
Longitude	91.872594 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Nongkhrah, Umling District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Nongkhrah, Umling is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Nongkhrah, Umling is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
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24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
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25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
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26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
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27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
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28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures
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Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Nongkhrah, Umling is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT CHERENGPARA MARKET, GASUAPARA BLOCK,
SOUTH GARO HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Cherengpara Market, Gasuapara Block, South Garo Hills District will be constructed under the above project.
2. The project land is free from any coupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

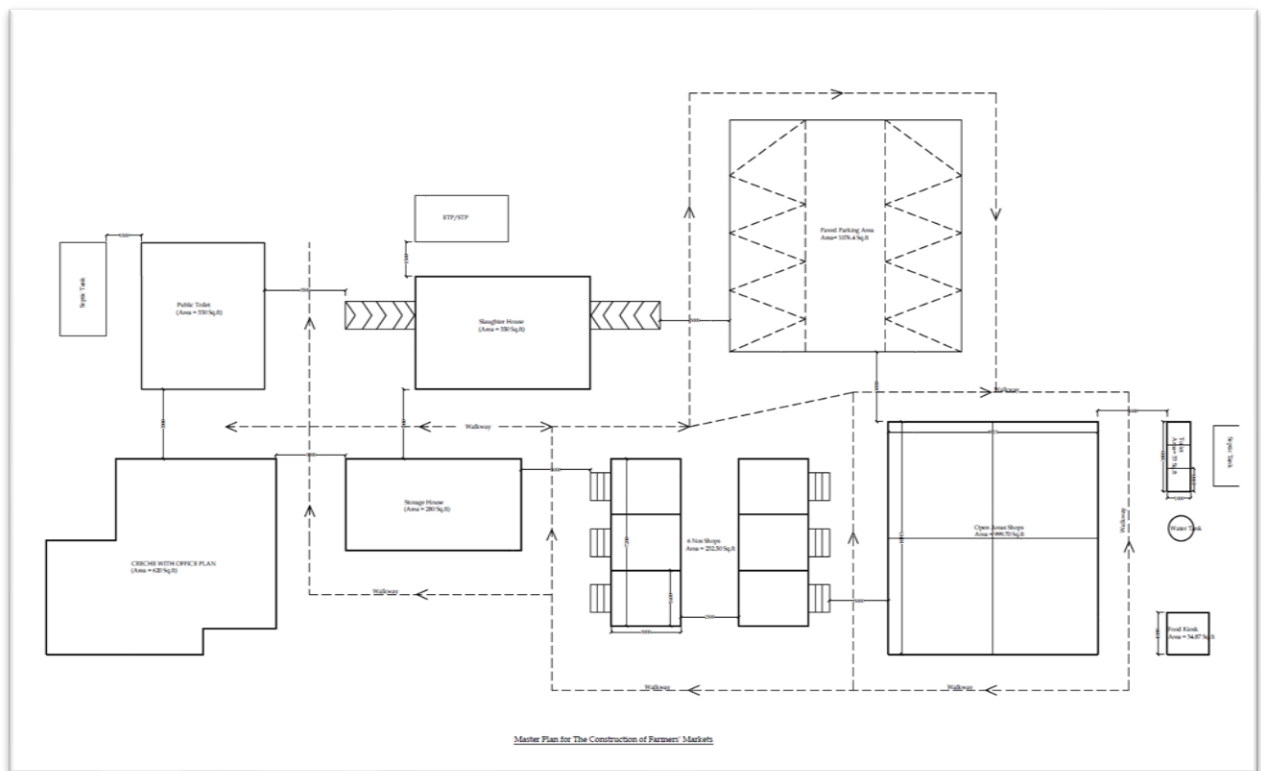
This ESCMP is being developed for the market construction at Cherengpara Market within Gasuapara Block in South Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m	15	Cherengkeragittim 3 km	Arecanut, Jackfruit, Black pepper, Seasonal Vegetables etc.

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub

for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Cherengpara Market at Gasuapara, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be availble to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as Arecanut,Jackfruit,Black pepper,Seasonal Vegetables, among others which are locally produced. The beneficary villagers are from nearby 15 villages and other nearest centre from this area is Cherengkeragittim which is 3 Km away.

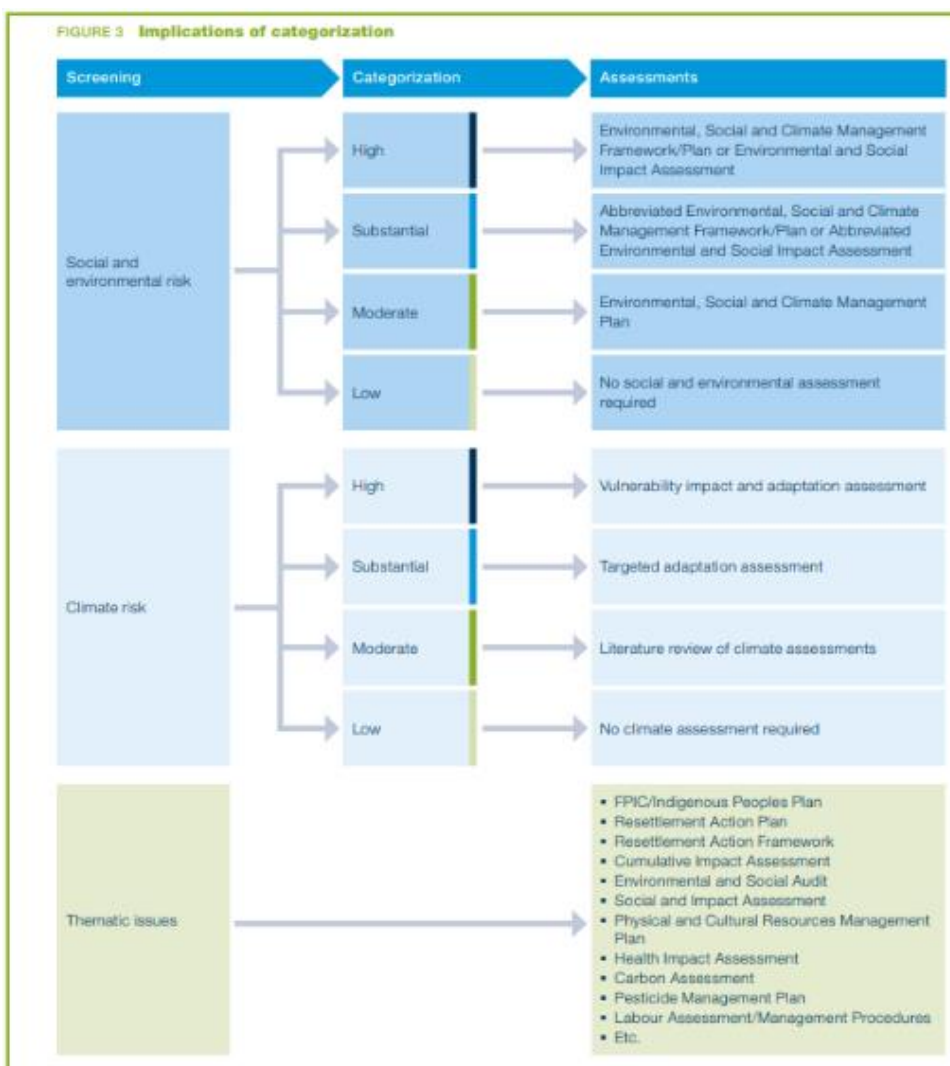
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities

that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

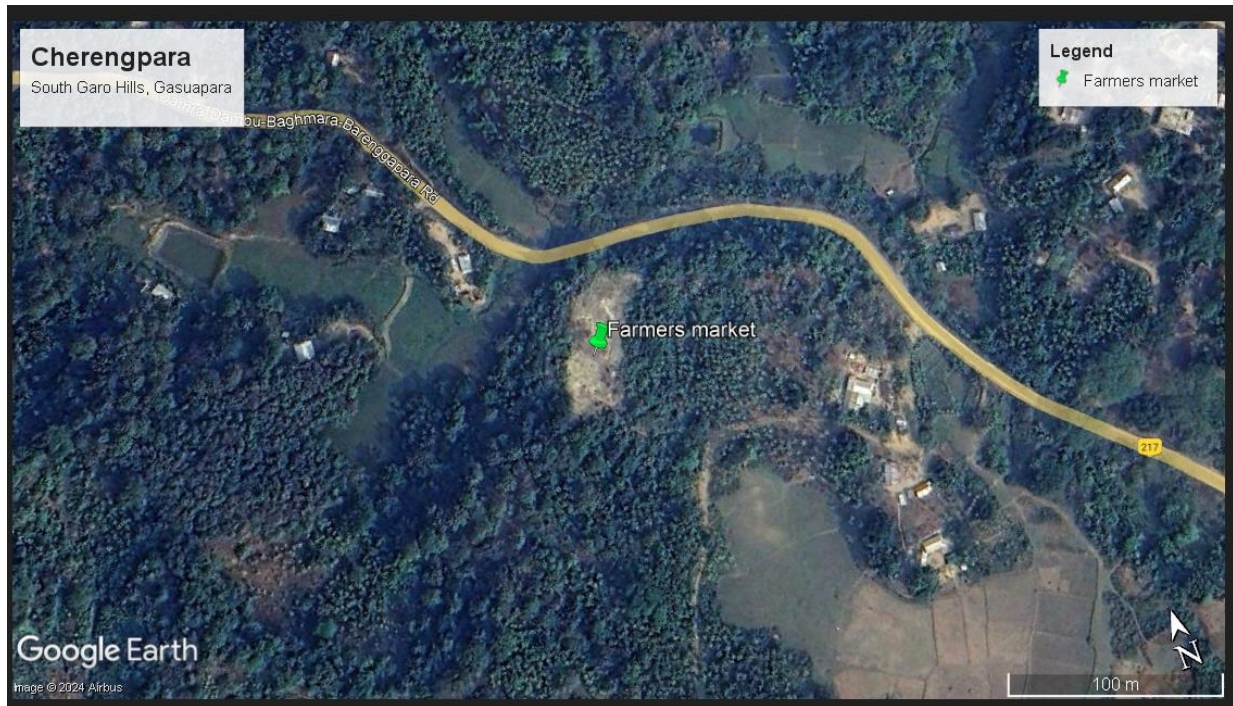
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Cherengpara Market, Gasuapara, South Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Cherengpara Market, Gasuapara block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	South Garo Hills		
Name of the Block	Gasuapara		
Name of the Settlement	Cherengpara Market		
Latitude	25.20836 N		
Longitude	90.268763 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Cherengpara Market, Gasuapara, South Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Cherengpara Market, Gasuapara is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Cherengpara Market, Gasuapara is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ “Sensitive areas” include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical culturalresources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

6. Would the project develop large-scale ⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?	No	The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.
7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)	No	There is no usage of agrochemicals in this construction of farmers market
8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)	Yes	The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.
9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)	No	The construction of the farmers market is at a minor scale and does not impact any local biodiversity
10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)	No	The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development.

		<p>The waste management will be addressed through:</p> <ol style="list-style-type: none"> 1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/ upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft.

		Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft

⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Cherengpara Market, Gasuapara is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

<p>Yes response to any questions between 1 and 21</p>	<p>Environmental and social category is not a category A</p>	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
<p>NO, response to all questions between 1 and 21 and also no response for questions 22 and 36</p>	<p>Environmental and social category is B</p>	<p>As project is not a Category B; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction</p>
<p>NO, response to all questions between 1 and 36</p>	<p>Environmental and social category is C</p>	<p>No further analysis is required.</p>

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT KARUKOL, BAGHMARA BLOCK, SOUTH GARO
HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Karukol, Baghmara Block, South Garo Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

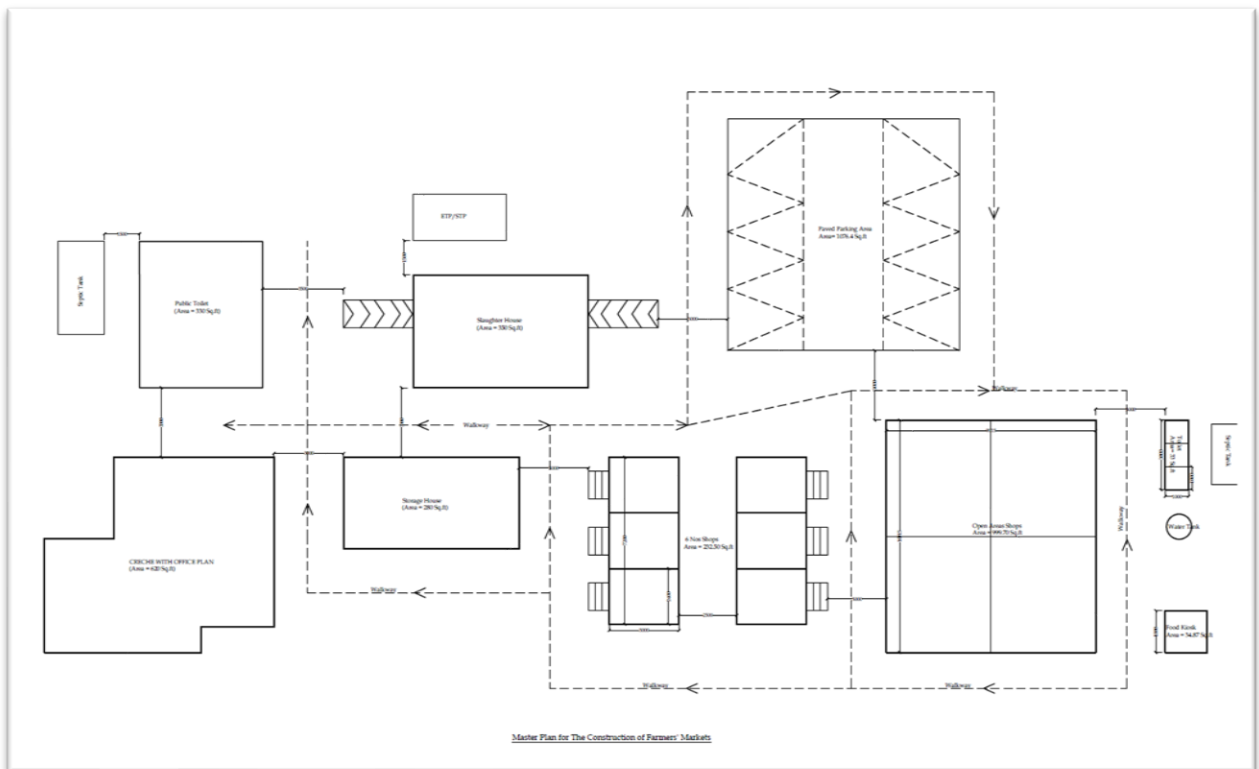
1.2 Sub-project Description:

This ESCMP is being developed for the market construction at Karukol within Baghmara Block in South Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
1	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m	20	Neng Kong 8Km	Vegetables, Strawberry, Arecanut, Betel leaf

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Karukol at Baghmara, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

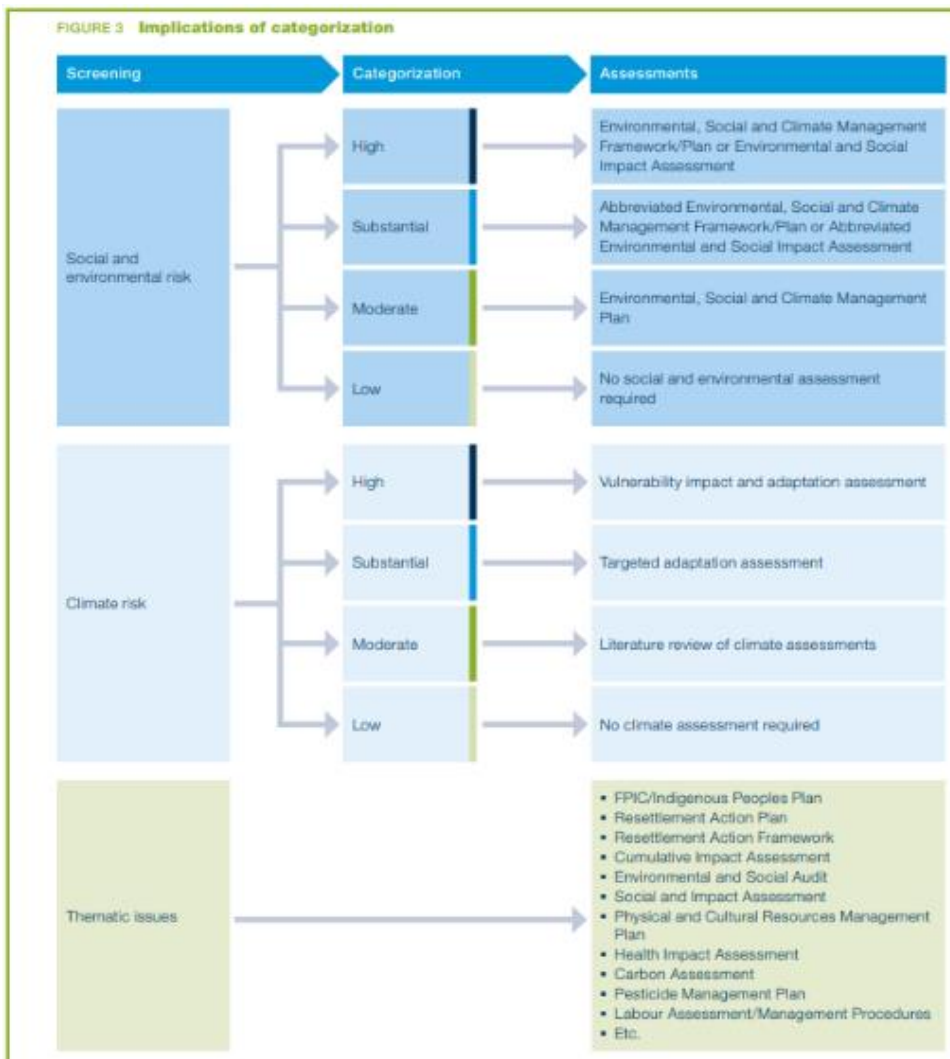
Through this market shade the farmers can sell products such as Vegetables, Strawberry, Arecanut, Betel leaf, among others which are locally produced. The beneficiary villagers are from nearby 20 villages and other nearest centre from this area is Nengkong which is 8 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

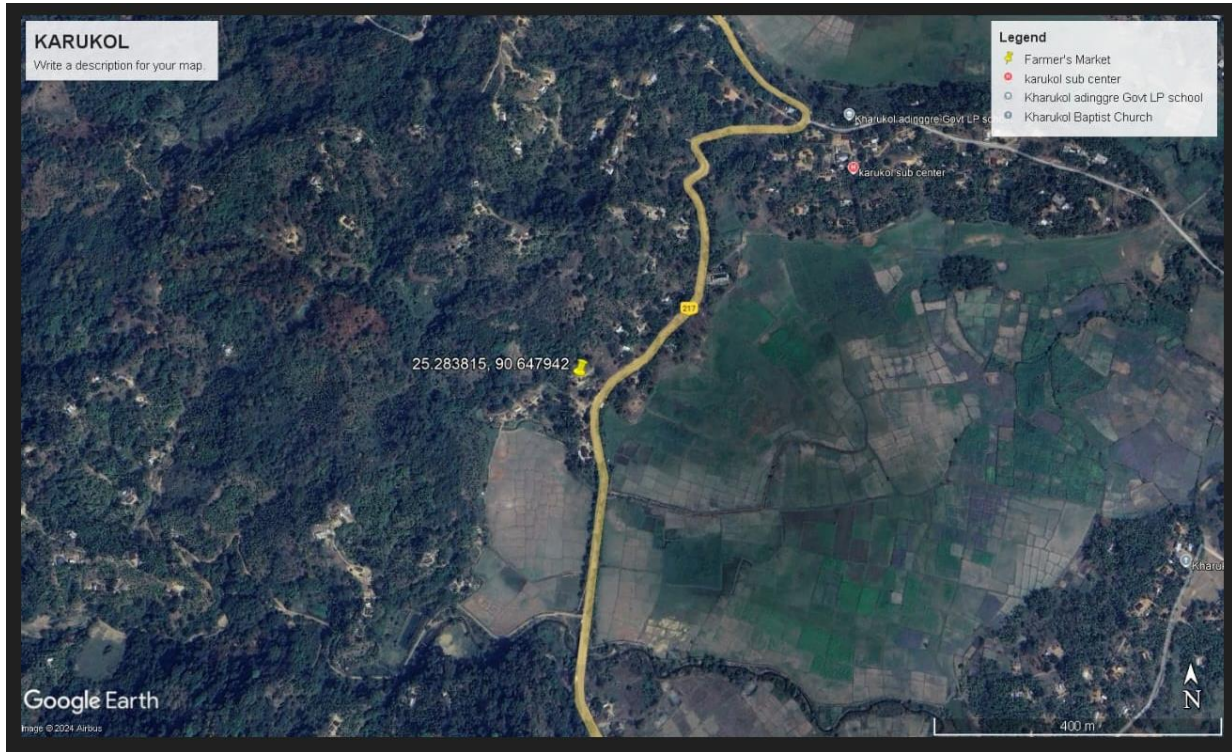
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Karukol, Baghmara, South Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/ under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Karukol, Baghmara block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	South Garo Hills		
Name of the Block	Baghmara		
Name of the Settlement	Karukol		
Latitude	25.283873 N		
Longitude	90.648153 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Karukol, Baghmara, South Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Karukol, Baghmara is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Karukol, Baghmara is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Karukol, Baghmara is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT NENKONG BAZAR, BAGHMARA BLOCK,
SOUTH GARO HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Nengkong Bazar, Baghmara Block, South Garo Hills District will be constructed under the above project.
2. The project land is free from any coupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

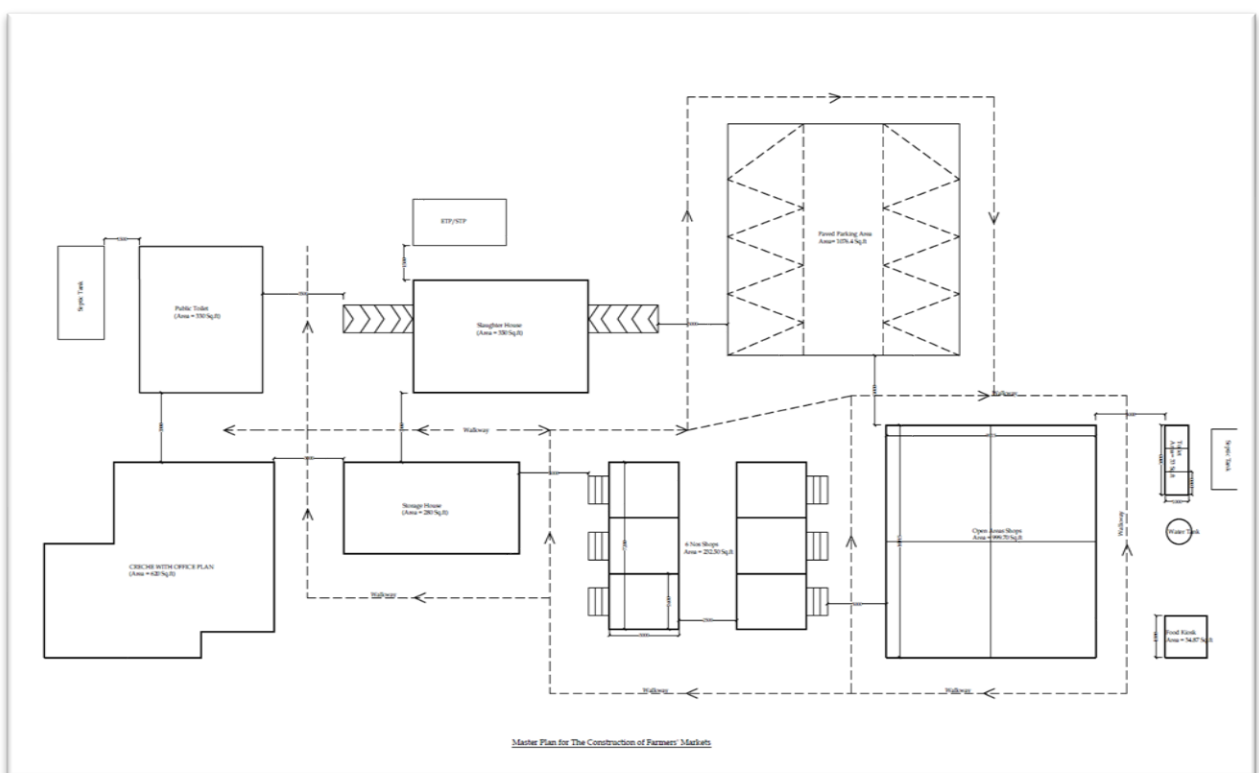
1.2 Sub-project Description:

This ESCMP is being developed for the market construction at Nengkong Bazar within Baghmara Block in South Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,	24	Karukol 8Km	Seasonal vegetables, Potato, strawberry, betel leaf, areca nut, black pepper, sweet potato

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

Further details of the Nengkong Bazar at Baghmara, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be availble to all the vendors who are interested to participate in this tender.

Beneficiaries:

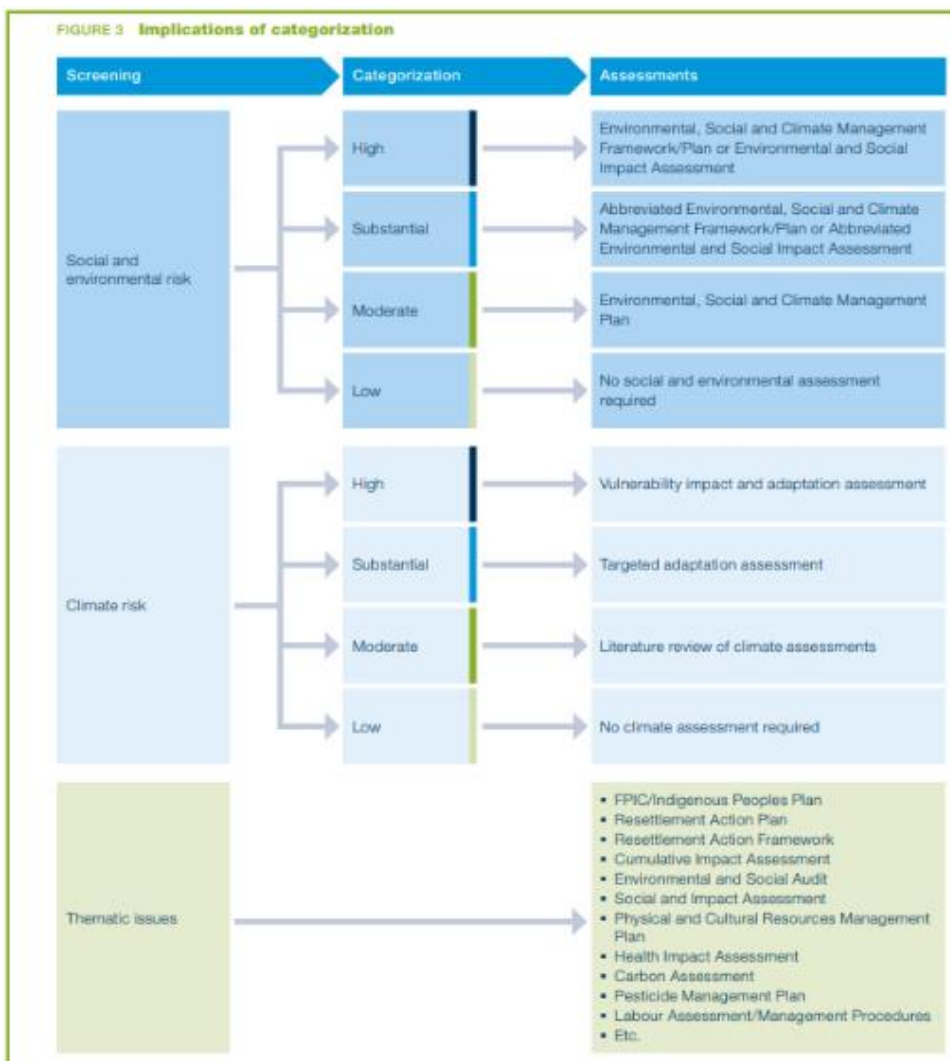
Through this market shade the farmers can sell products such as Seasonal vegetables, Potato, strawberry, betel leaf, areca nut, black pepper, sweet potato, among others which are locally produced. The beneficiary villagers are from nearby 24 villages and other nearest centre from this area is Karukol which is 8 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Nengkong Bazar, Baghmara, South Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/ under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Nengkong Bazar, Baghmara block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	South Garo Hills		
Name of the Block	Baghmara		
Name of the Settlement	Nengkong Bazar		
Latitude	25.305289 N		
Longitude	90.610777 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Nengkong Bazar, Baghmara, South Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Nengkong Bazar, Baghmara is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Nengkong Bazar, Baghmara is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Nengkong Bazar, Baghmara is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT SJU BAZAR, BAGHMARA BLOCK, SOUTH GARO
HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Siju Bazar, Baghmara Block, South Garo Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

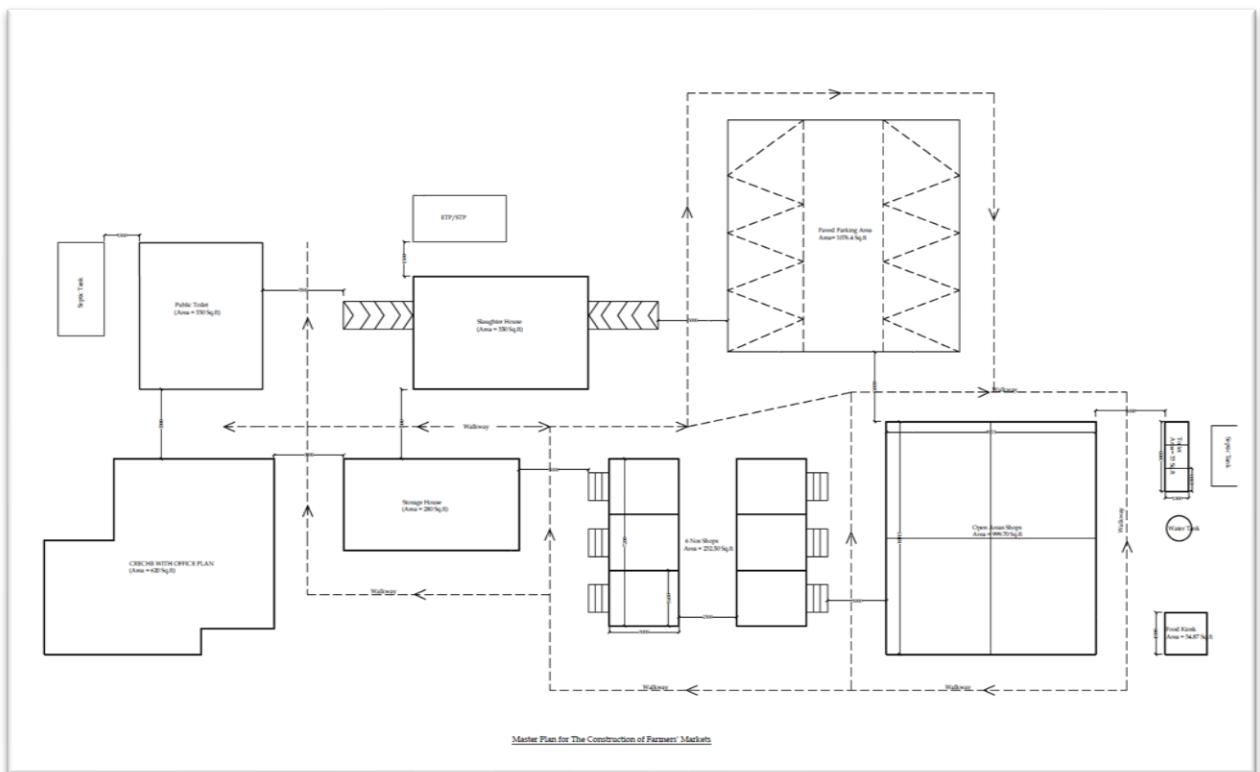
This ESCMP is being developed for the market construction at Siju Bazar within Baghmara Block in South Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m	27	Tolegre 10Km	Areca nut, Black pepper, Khasi Mandarin, pineapple, seasonal

									vegetables
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The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Siju Bazar at Baghmara, such as Bill of Quantities and Drawings of the infrastructure are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as Areca nut, Black pepper, Khasi Mandarin, pineapple, seasonal vegetables, among others which are

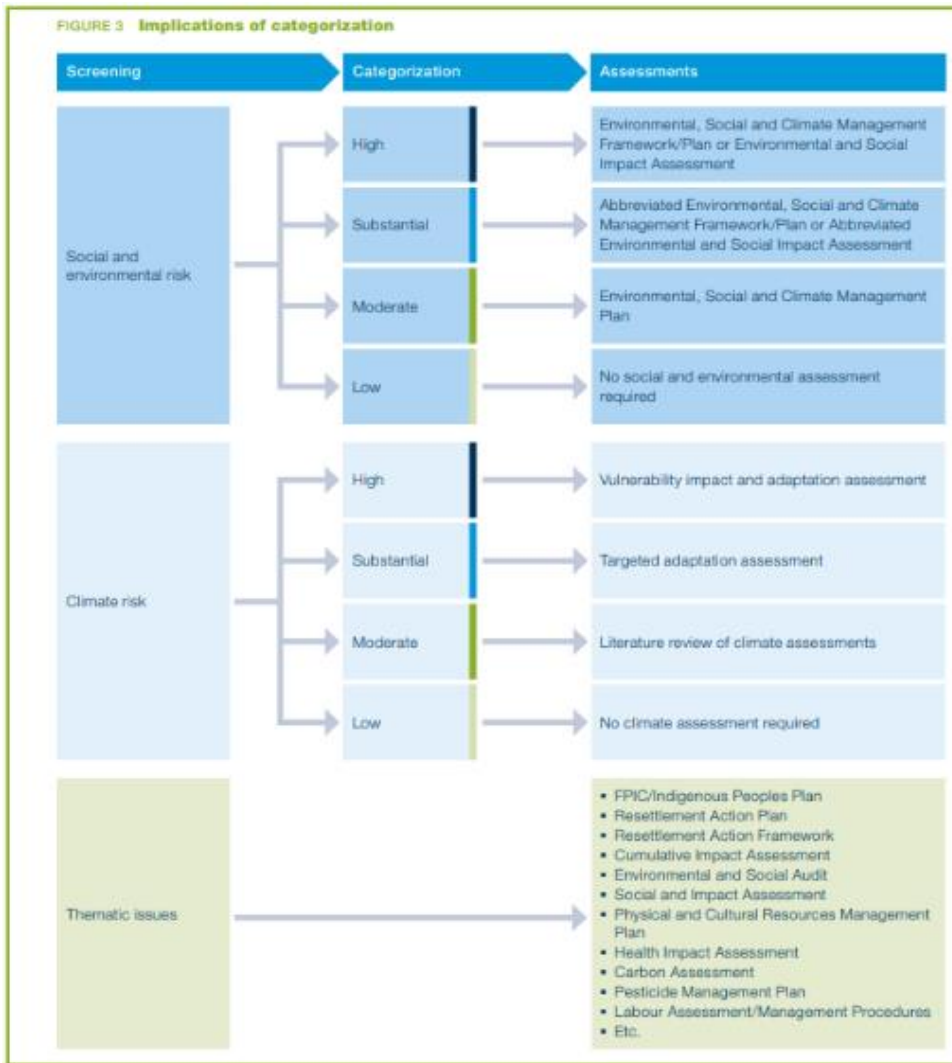
locally produced. The beneficiary villagers are from nearby 27 villages and other nearest centre from this area is Tolegre which is 10 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

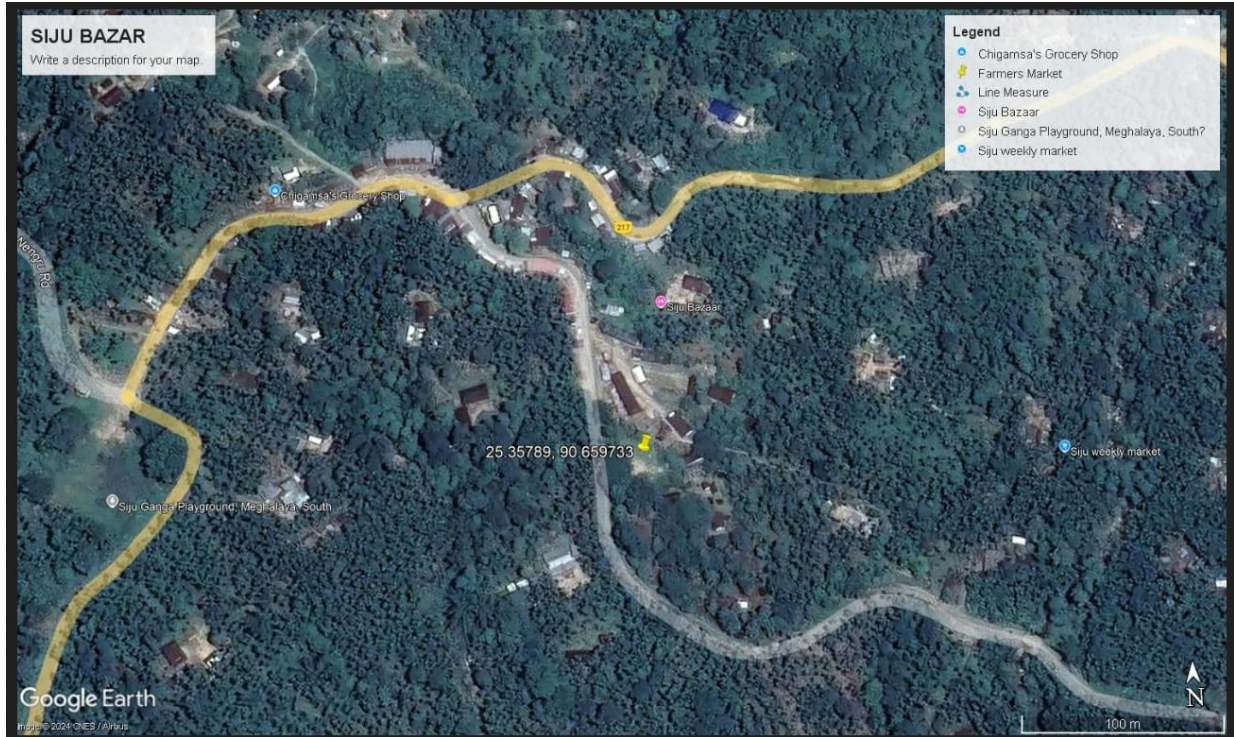
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Siju Bazar, Baghmara, South Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Siju Bazar, Baghmara block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	South Garo Hills		
Name of the Block	Baghmara		
Name of the Settlement	Siju Bazar		
Latitude	25.358125 N		
Longitude	90.65882 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Siju Bazar, Baghmara, South Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Siju Bazar, Baghmara is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Siju Bazar, Baghmara is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Siju Bazar, Baghmara is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT SILKI BAZAR, CHOKPOT BLOCK, SOUTH GARO
HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Silki Bazar, Chokpot Block, South Garo Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

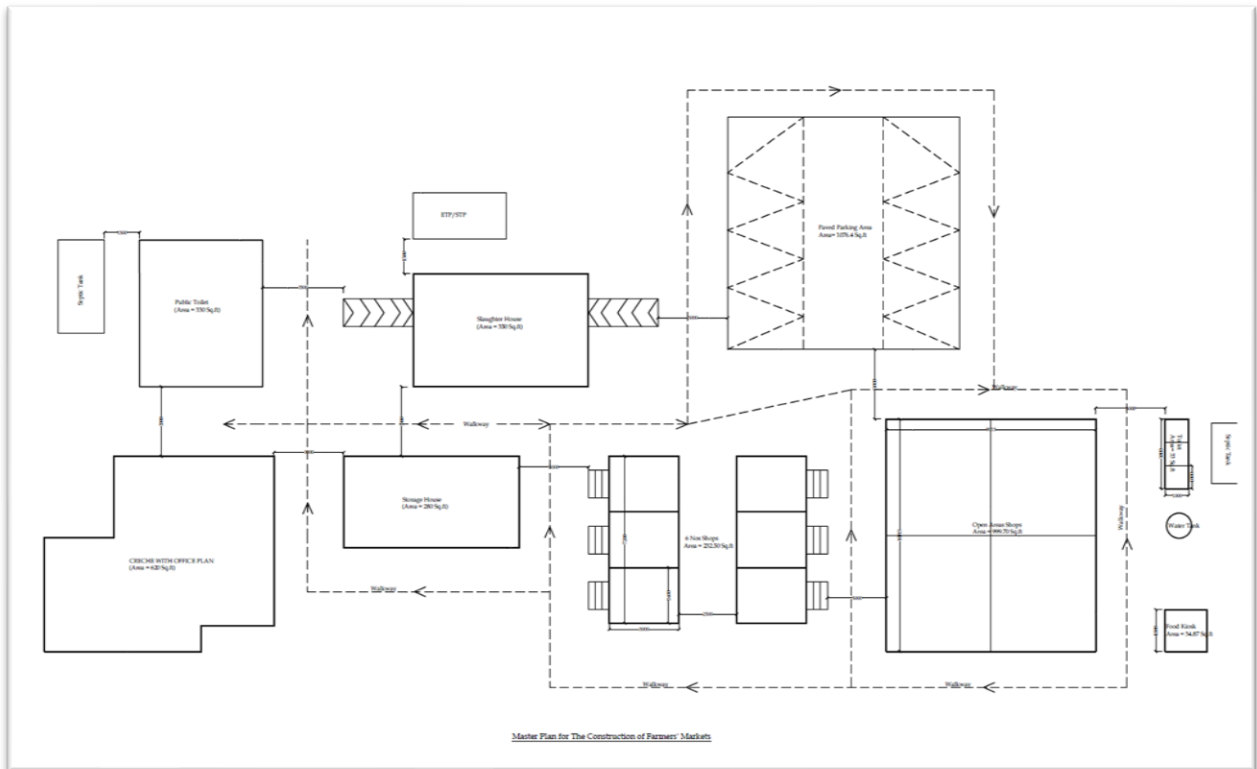
1.2 Sub-project Description:

This ESCMP is being developed for the market construction at Silki Bazar within Chokpot Block in South Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m	20	Chokpot 15 km	Ginger, Arecanut, Orange, Jackfruit, Black pepper, Seasonal Vegetables etc.

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

Further details of the Silki Bazar at Chokpot, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products Ginger,Arecanut,Orange,Jackfruit,Black pepper,Seasonal Vegetables, among others which are locally produced. The beneficiary villagers are from nearby 20 villages and other nearest centre from this area is Chokpot which is 15 Km away.

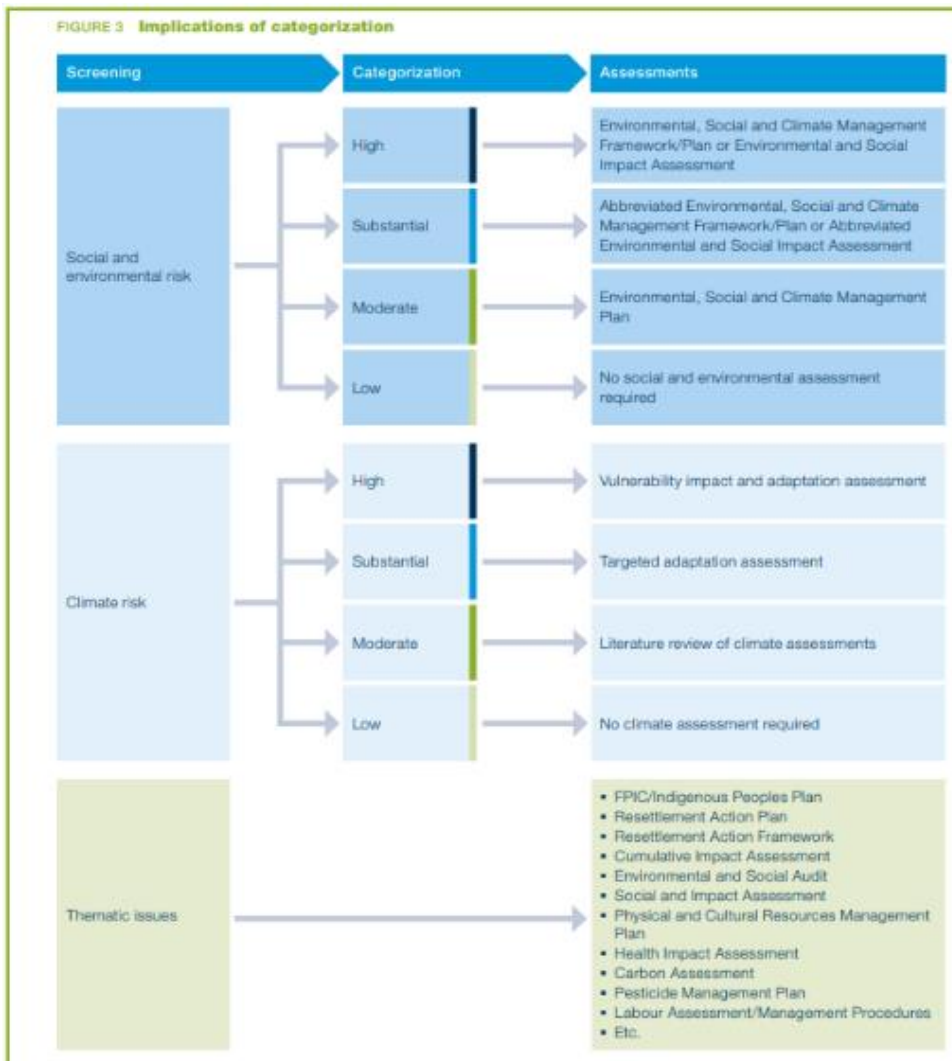
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implemetation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate

risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Silki Bazar, Chokpot, South Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/ under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Silki Bazar, Chokpot block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	South Garo Hills		
Name of the Block	Chokpot		
Name of the Settlement	Silki Bazar		
Latitude	25.25225 N		
Longitude	90.482093 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Silki Bazar, Chokpot, South Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Silki Bazar, Chokpot is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Silki Bazar, Chokpot is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Silki Bazar, Chokpot is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT CHITIGCHAKGRE, BETASING BLOCK, SOUTH
WEST GARO HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Chigitchakgre, Betasing Block, South West Garo Hills District will be constructed under the above project.
2. The project land is free from any coupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

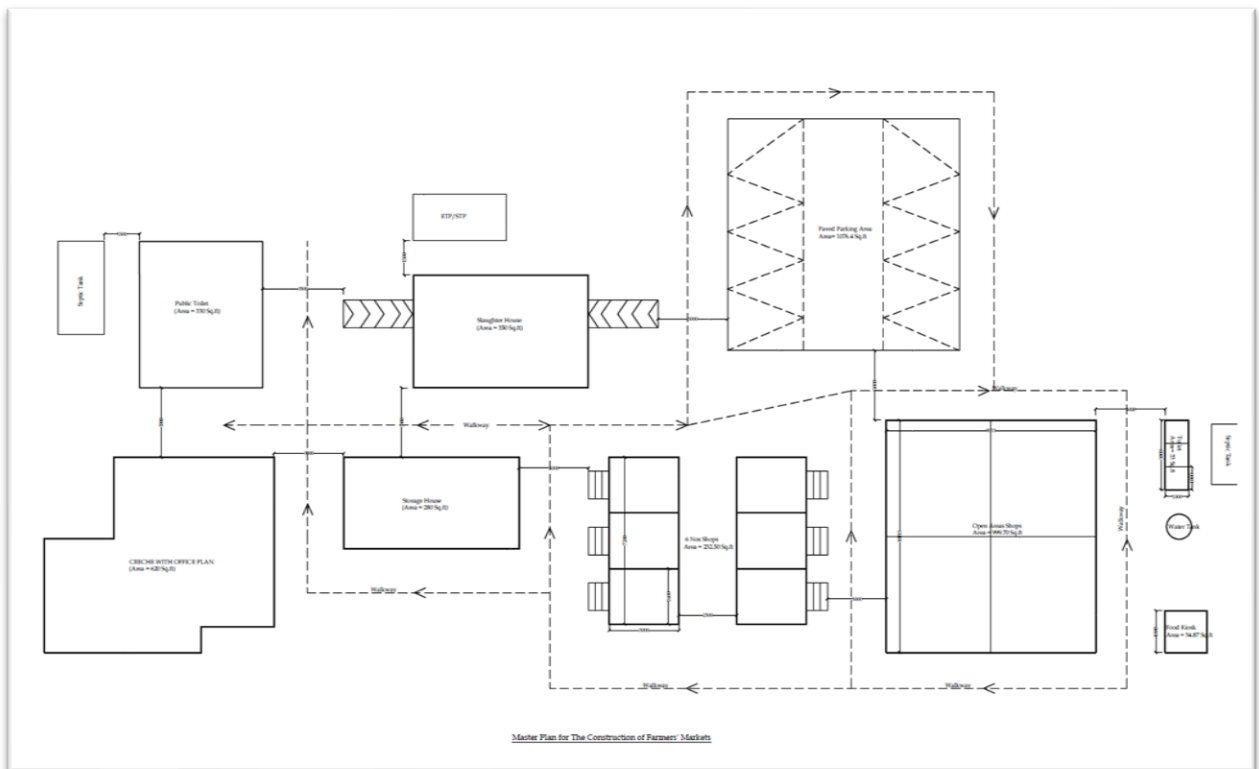
1.2 Sub-project Description:

This ESCMP is being developed for the market construction at Chigitchakgre within Betasing Block in South West Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of village cover	Near by market and distance	Commodities
1	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m	10	Am pati, 1 km	Vegetables, Arecanut, Black Pepper, Ginger, Cashewnut, litchi & Turmeric.

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Chigitchakgre at Betasing, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

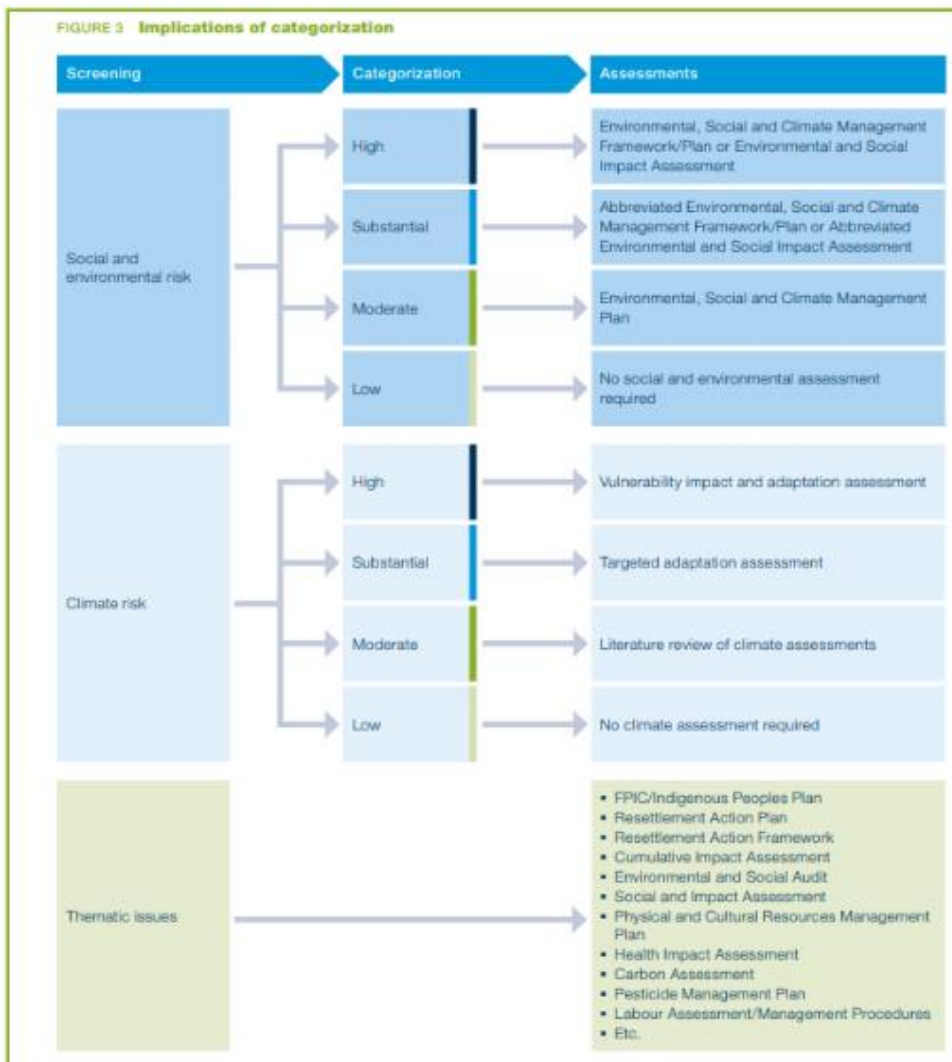
Through this market shade the farmers can sell products Vegetables,Arecanut, Black Pepper, Ginger, Cashewnut, litchi & Turmeric, among others which are locally produced. The beneficiary villagers are from nearby 10 villages and other nearest centre from this area is Ampati which is 1 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Chigitchakgre, Betasing, South West Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Chigitchakgre, Betasing block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	South West Garo Hills		
Name of the Block	Betasing		
Name of the Settlement	Chigitchakgre		
Latitude	25.458152 N		
Longitude	89.957744 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Chigitchakgre, Betasing, South West Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Chigitchakgre, Betasing is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Chigitchakgre, Betasing is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Chigitchakgre, Betasing is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT CHONGPOTGRE, RERAPARA BLOCK, SOUTH
WEST GARO HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Chongpotgre, Rerapara Block, South West Garo Hills District will be constructed under the above project.
2. The project land is free from any coupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

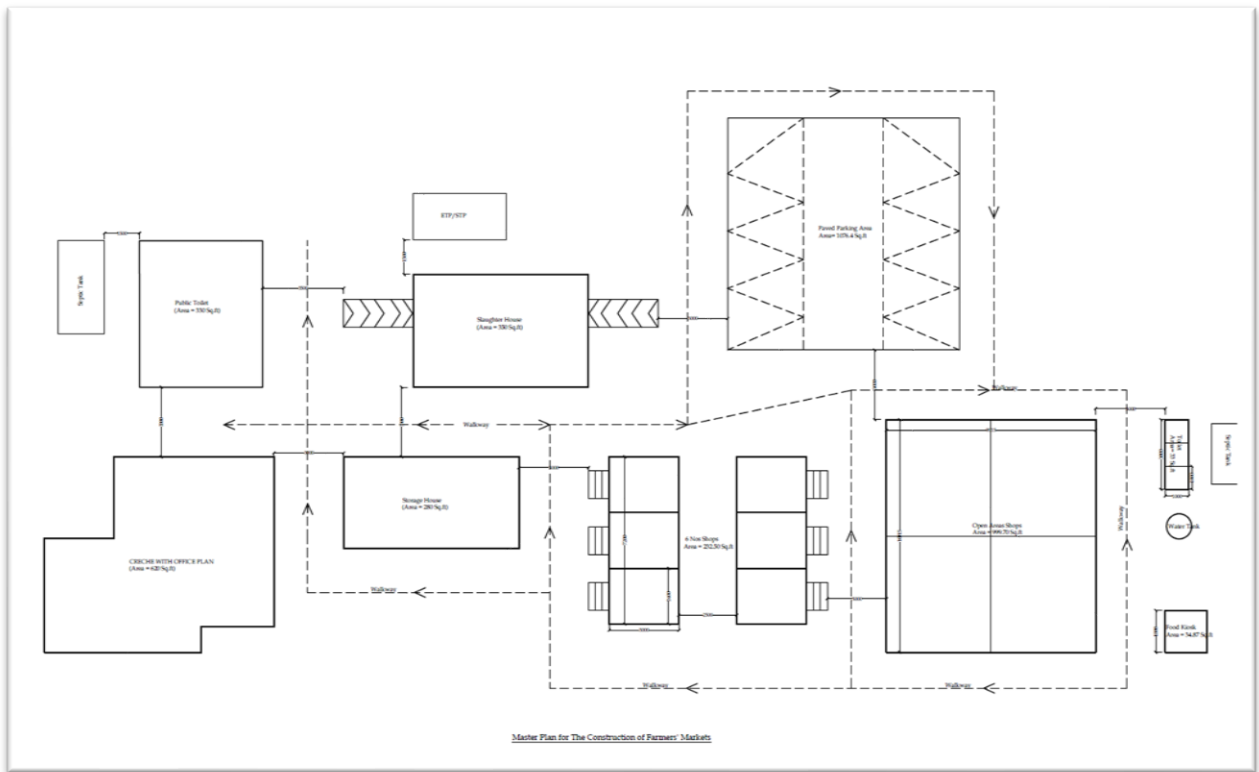
This ESCMP is being developed for the market construction at Chongpotgre within Rerapara Block in South West Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of village s cover	Nearby market and distance	Commodities
1	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m	34	Chongpotgre, Hajongpara 500m	Vegetables, Arecanut, Black Pepper, Ginger, Cashewnut, pineapple & Turmeric.

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub

for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Chongpotgre at Rerapara, such as Bill of Quantities and Drawings of the infrastructure are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products Vegetables, Arecanut, Black Pepper, Ginger, Cashewnut, pineapple & Turmeric, among others which are locally produced. The beneficiary villagers are from nearby 34 villages and other nearest centre from this area is Chongpotgre, Hajongpara which is 500 m away.

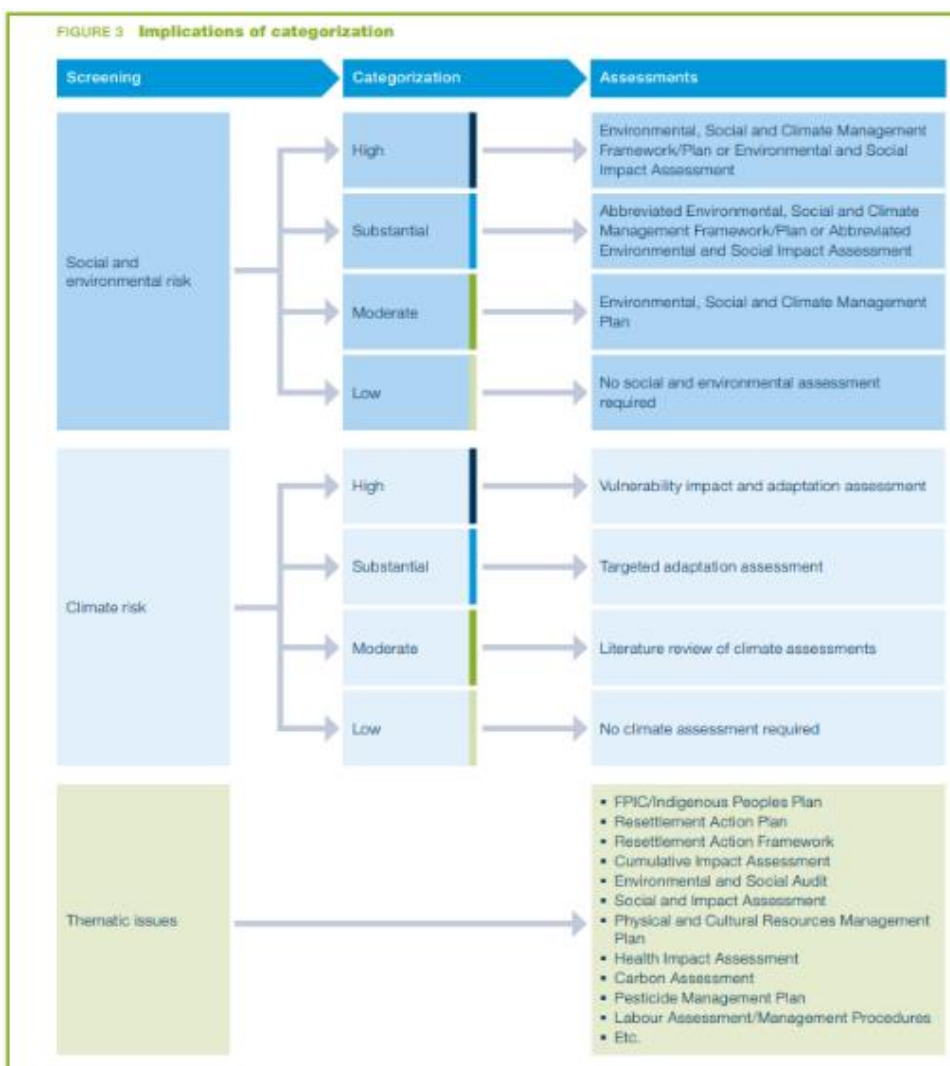
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities

that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Chongpotgre, Rerapara, South West Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/ under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Chongpotgre, Rerapara block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	South West Garo Hills		
Name of the Block	Rerapara		
Name of the Settlement	Chongpotgre		
Latitude	25.474938 N		
Longitude	90.089035 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Chongpotgre, Rerapara, South West Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Chongpotgre, Rerapara is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Chongpotgre, Rerapara is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Chongpotgre, Rerapara is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT DIMILIGRE, ZIKZAK BLOCK, SOUTH WEST GARO
HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Dimiligre, ZikzaK Block, South West Garo Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

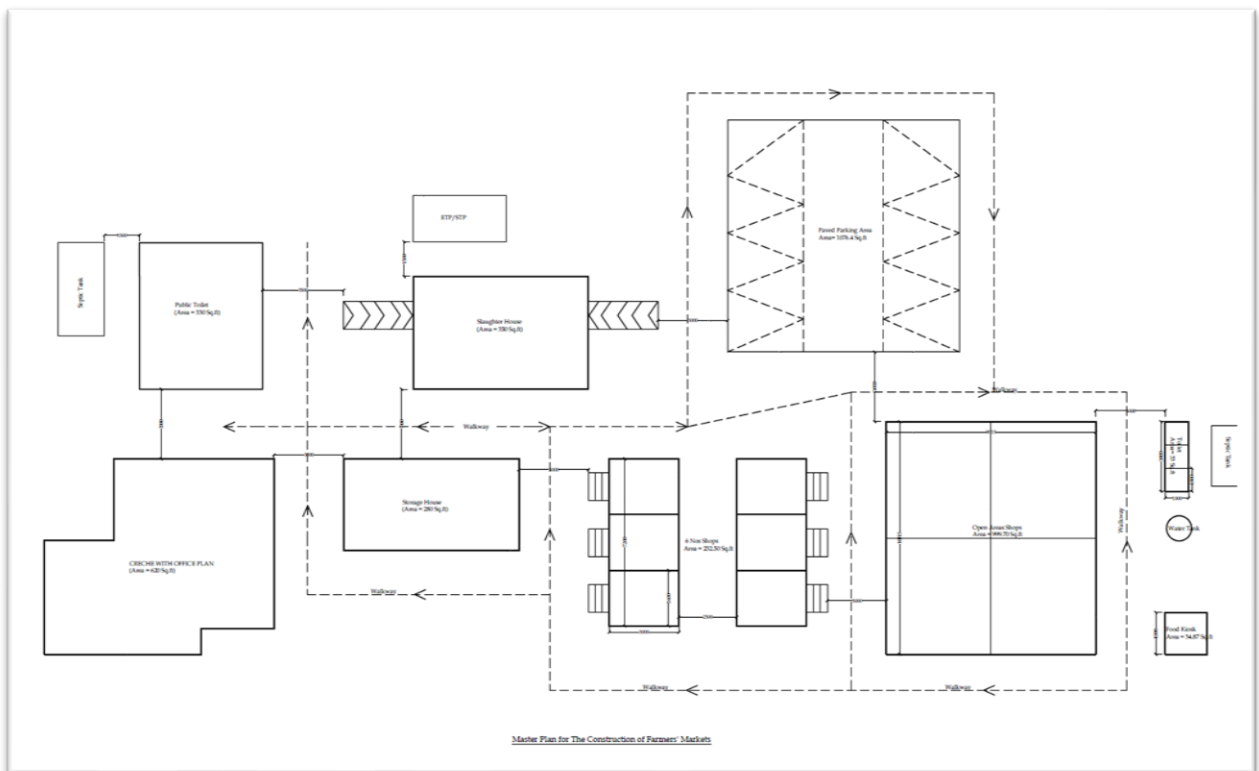
This ESCMP is being developed for the market construction at Dimiligre within Zikzak Block in South West Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Near by market and distance	Commodities
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m	15	Katuli, 15 km	Vegetables, Arecanut, Black Pepper, Ginger, Pineapple & Turmeric.

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub

for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Dimiligre at Zikzak, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products Vegetables,Arecanut, Black Pepper, Ginger,Pineapple & Turmeric, among others which are locally produced. The beneficiary villagers are from nearby 15 villages and other nearest centre from this area is Katuli which is 15 Km away.

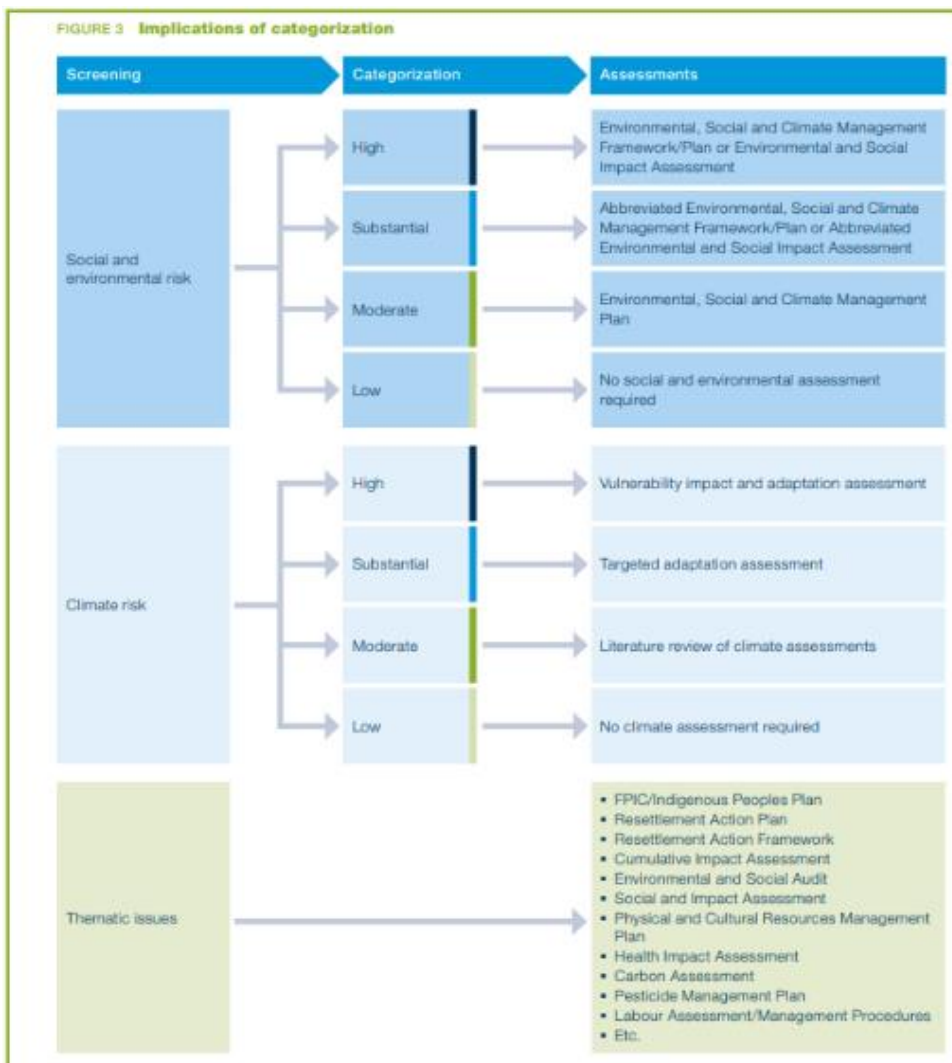
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be

caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Dimiligre, Zikzak, South West Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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Climate Change Adaptation	1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the	Design costs	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	ED - Technical, MBMA	Prior and during the construction phase
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Dimiligre, Zikzak block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	South West Garo Hills		
Name of the Block	Zikzak		
Name of the Settlement	Dimiligre		
Latitude	25.462522 N		
Longitude	89.872150 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Dimiligre, Zikzak, South West Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Dimiligre, Zikzak is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Dimiligre, Zikzak is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Dimiligre, Zikzak is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT DORAMCHAS, ZIKZAK BLOCK, SOUTH WEST
GARO HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Doramchas, ZikzaK Block, South West Garo Hills District will be constructed under the above project.
2. The project land is free from any coupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

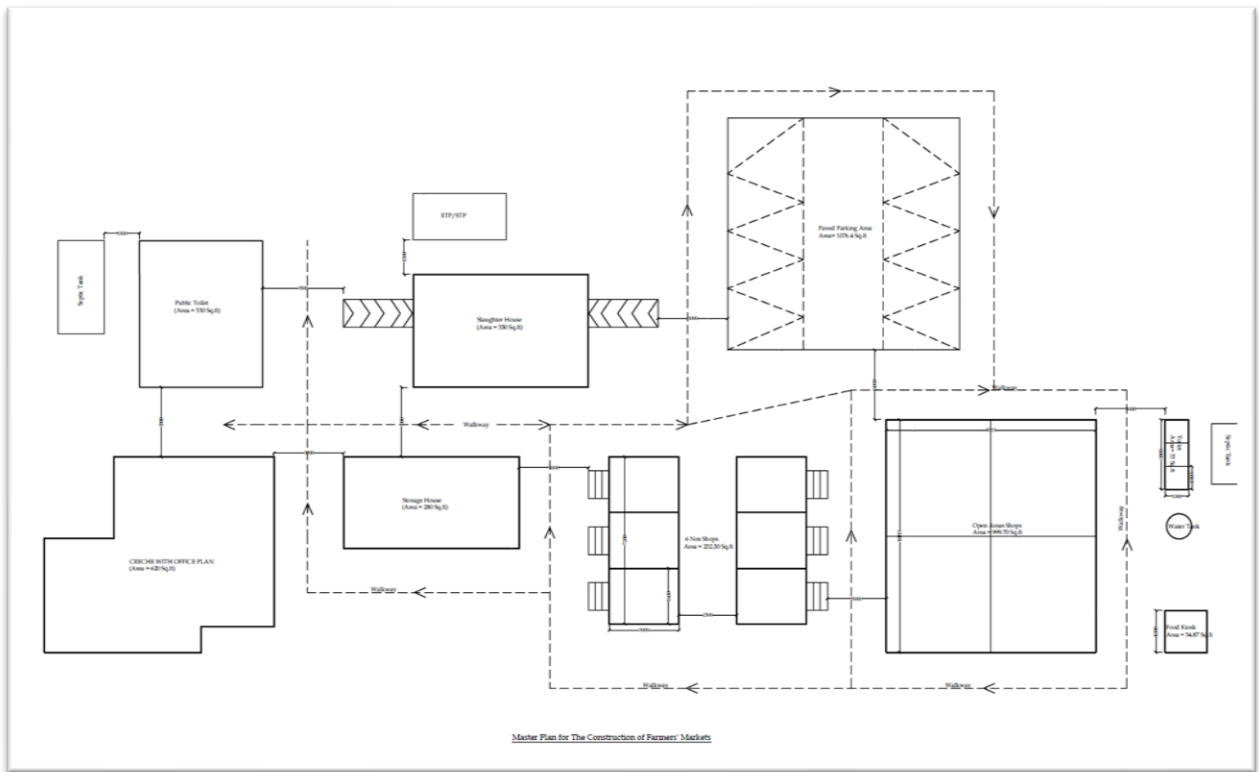
This ESCMP is being developed for the market construction at Doramchas within Zikzak Block in South West Garo Hills district. The other details of the location are as follows:

Sl No	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
1	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude: 89.848396 Elevation: 32.6 m	20	Zikzak, 5 m	Vegetables, Ginger, Arecanut, Jackfruit, Turmeric & Black Pepper.

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub

for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Doramchas at Zikzak, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products Vegetables,Ginger,Arecanut,Jackfruit,Turmeric & Black Pepper, among others which are locally produced. The beneficiary villagers are from nearby 20 villages and other nearest centre from this area is Zikzak which is 5 m away.

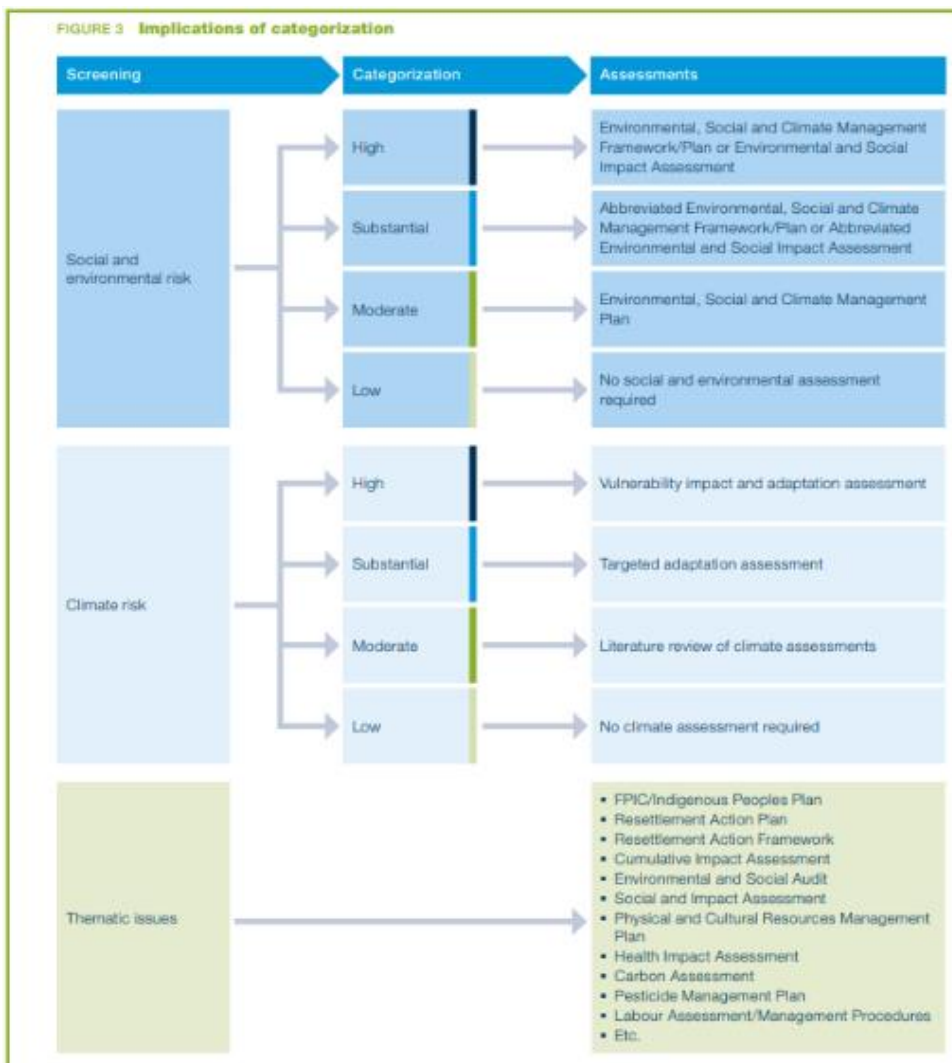
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be

caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Doromchas, Zikzak, South West Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Doramchas, Zikzak block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	South West Garo Hills		
Name of the Block	Zikzak		
Name of the Settlement	Doramchas		
Latitude	25.352360 N		
Longitude	89.848396 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Doramchas, Zikzak, South West Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Doramchas, Zikzak is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Doramchas, Zikzak is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Doramchas, Zikzak is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT PYNDENLYNGDOH, MAWKYRWAT BLOCK,
SOUTH WEST KHASI HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Pyndenlyngdoh, Mawkyrwat Block, South West Khasi Hills District will be constructed under the above project.
2. The project land is free from any coupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

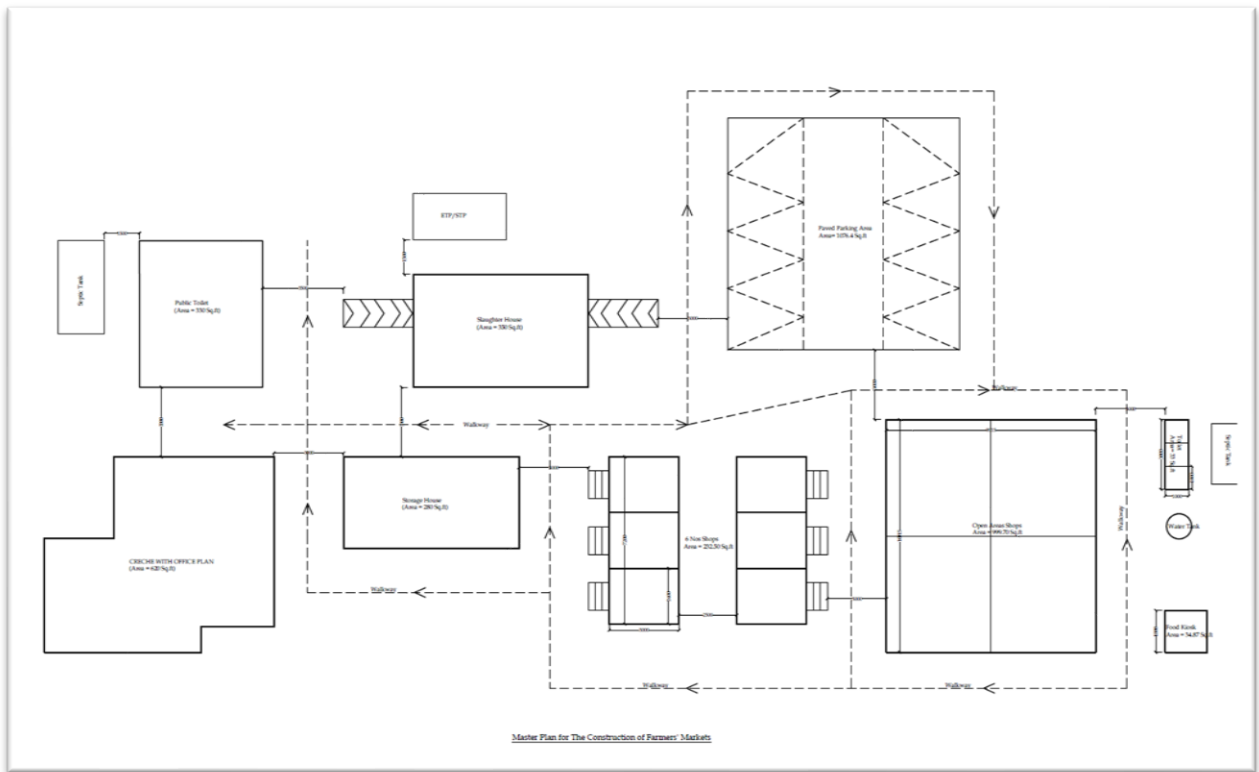
This ESCMP is being developed for the market construction at Pyndenlyngdoh within Mawkyrwat Block in South West Khasi Hills district. The other details of the location are as follows:

Sl · No	District	Block	Location	GPS Location	No of vil lag es co ve r	Nearby market and distanc e	Commodities
1	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat- 25.30133 Long- 91.460608	5	Mawkyrwat 15 Km	Broom Grass, Bay Leaf, Long Pepper, Bettle nut, Bettle Leaf, Khasi Mandarin

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub

for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Pyndenlyngdoh at Mawkyrwat, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as Broom Grass, Bay Leaf, Long Pepper, Bettle nut, Bettle Leaf, Khasi Mandarin, among others which are locally produced. The beneficiary villagers are from nearby 5 villages and other nearest centre from this area is Mawkyrwat which is 15 Km away.

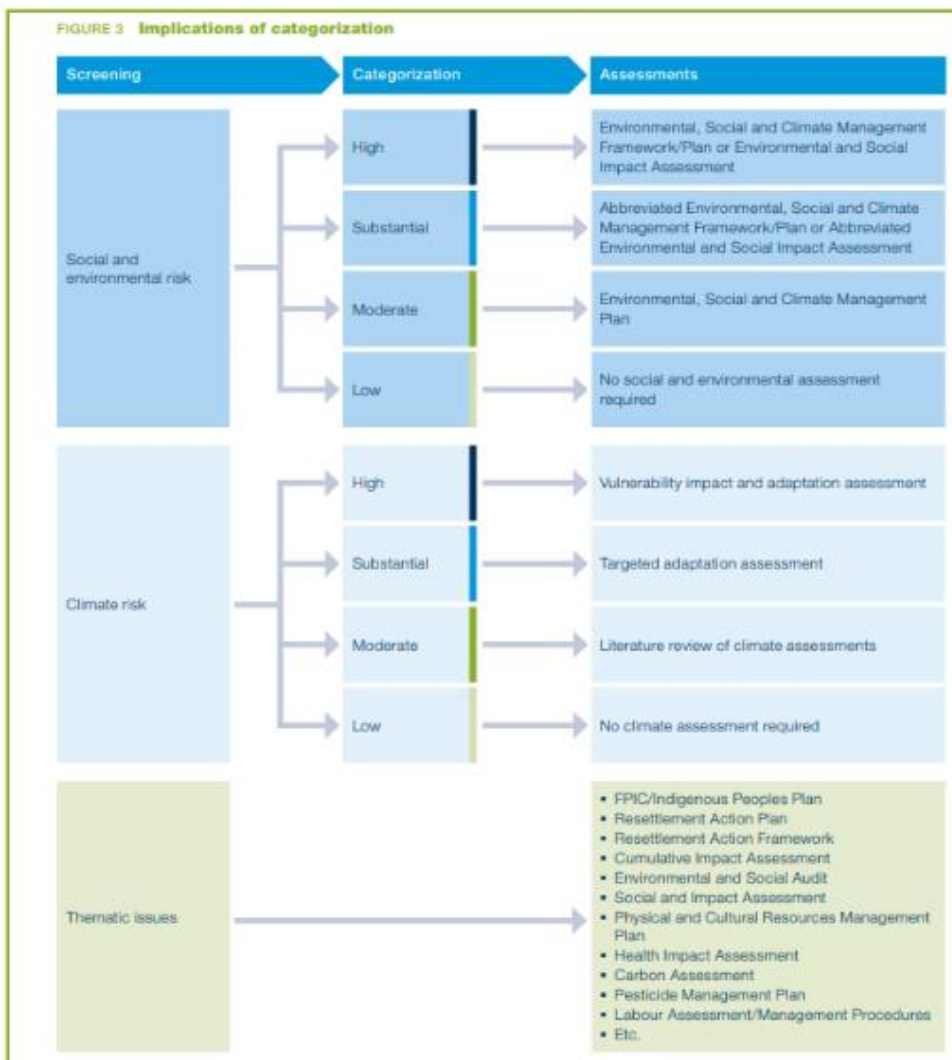
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be

constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Pyndenlyngdoh, Mawkyrwat, South West Khasi Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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Climate Change Adaptation	1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the	Design costs	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	ED - Technical, MBMA	Prior and during the construction phase
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Pyndenlyngdoh, Mawkyrwat block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	South West Khasi Hills		
Name of the Block	Mawkyrwat		
Name of the Settlement	Pyndenlyngdoh		
Latitude	25.30133 N		
Longitude	91.460608 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Pyndenlyngdoh, Mawkyrwat, South West Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Pyndenlyngdoh, Mawkyrwat is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Pyndenlyngdoh, Mawkyrwat is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Pyndenlyngdoh, Mawkyrwat is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT NOLLKATA, RANIKOR BLOCK, SOUTH WEST
KHASI HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Nollkata, Ranikor Block, South West Khasi Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

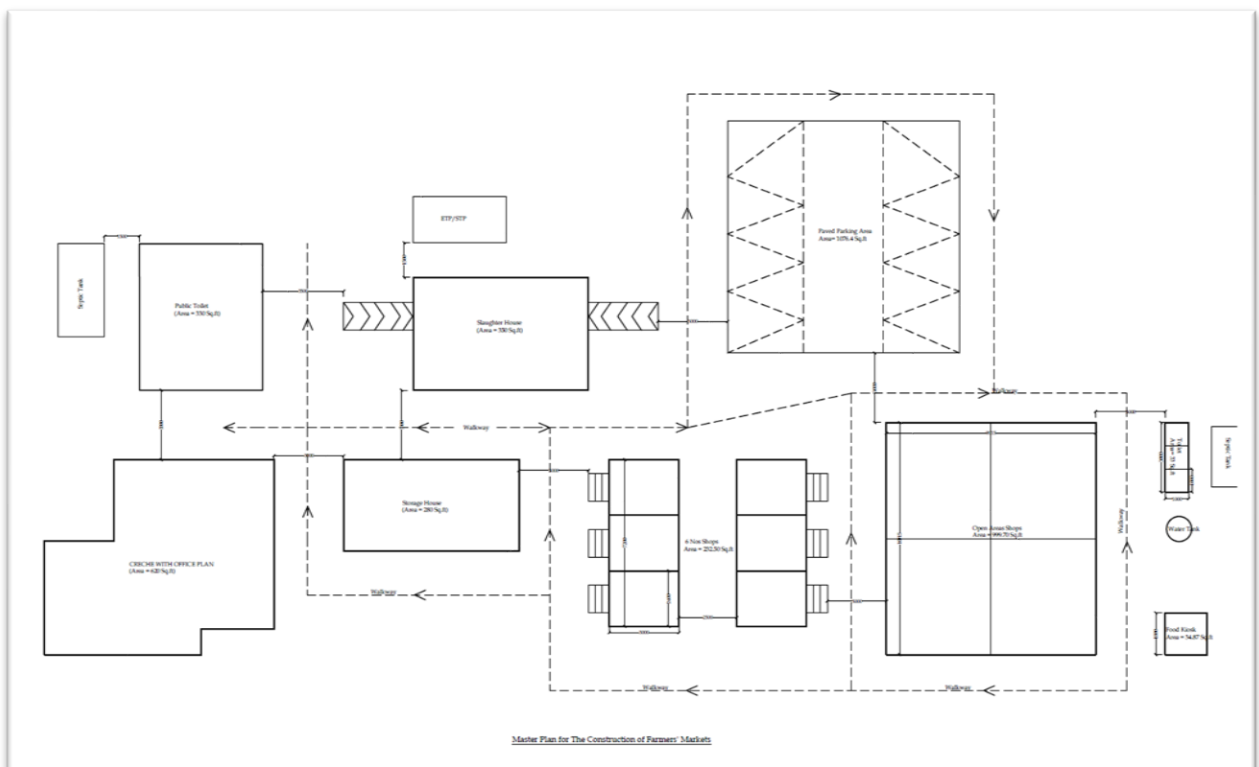
1.2 Sub-project Description:

This ESCMP is being developed for the market construction at Nollkata within Ranikor Block in South West Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
27	South West Khasi Hills	Ranikor	Nollkata	Lat-25.207303 Long- 91.261057	18	Ranikor 6 Km	Pine Apple, Oranges, Potato, Broom Grass, Bay Leaf, Long Pepper, Black Pepper, Off Season Vegetables, Jack Fruit, Onion, Ginger

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

Further details of the Nollkata at Ranikor, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

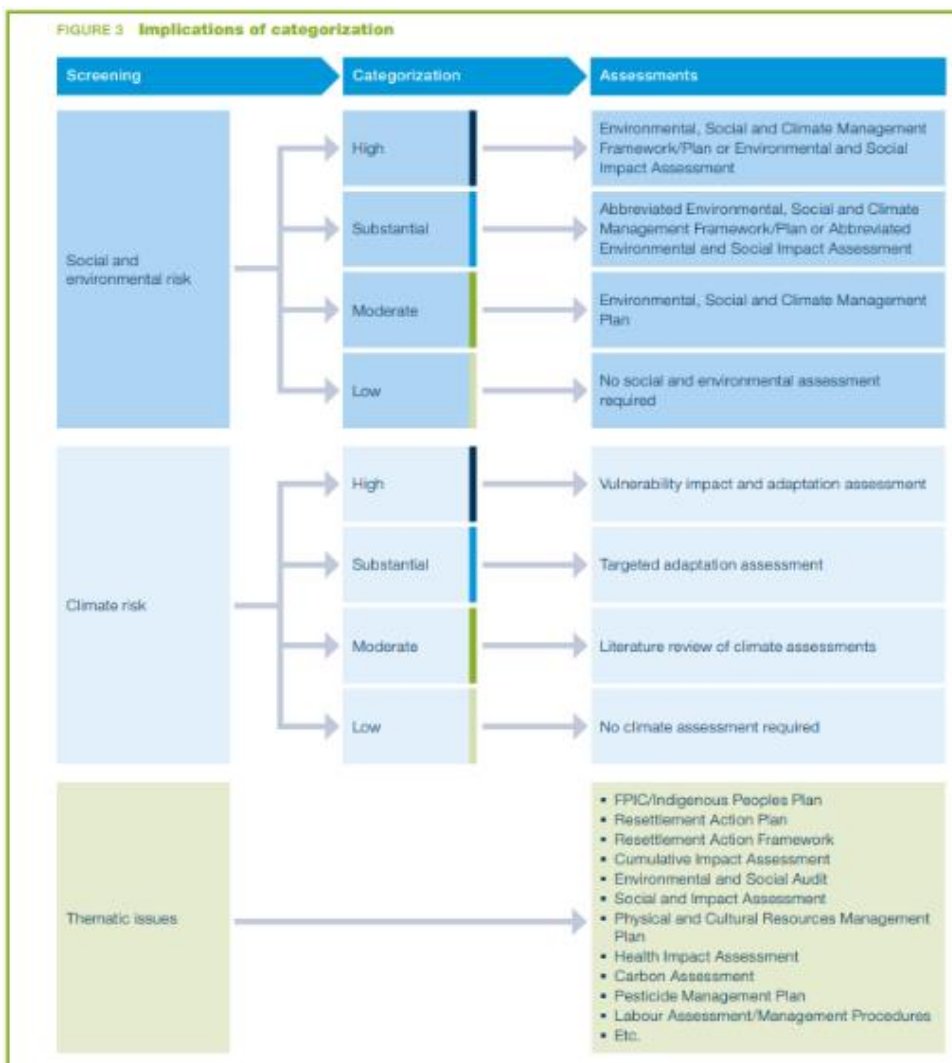
Through this market shade the farmers can sell products such as Pine Apple, Oranges, Patato,Broom Grass, Bay Leaf ,Long Pepper, Black Pepper,Off Season Vegetables, Jack Fruit, Onion, Ginger, among others which are locally produced. The beneficiary villagers are from nearby 18 villages and other nearest centre from this area is Ranikor which is 6 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Nollkata, Ranikor, South West Khasi Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/ under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Nollkata, Ranikor block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	South West Khasi Hills		
Name of the Block	Ranikor		
Name of the Settlement	Nollkata		
Latitude	25.207303 N		
Longitude	91.261057 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Nollkata, Ranikor, South West Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Nollkata, Ranikor is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Nollkata, Ranikor is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Nollkata, Ranikor is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT MAGALPARA, DADENGGRE BLOCK, WEST
GARO HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Magalpara, Dadenggre Block, West Garo Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

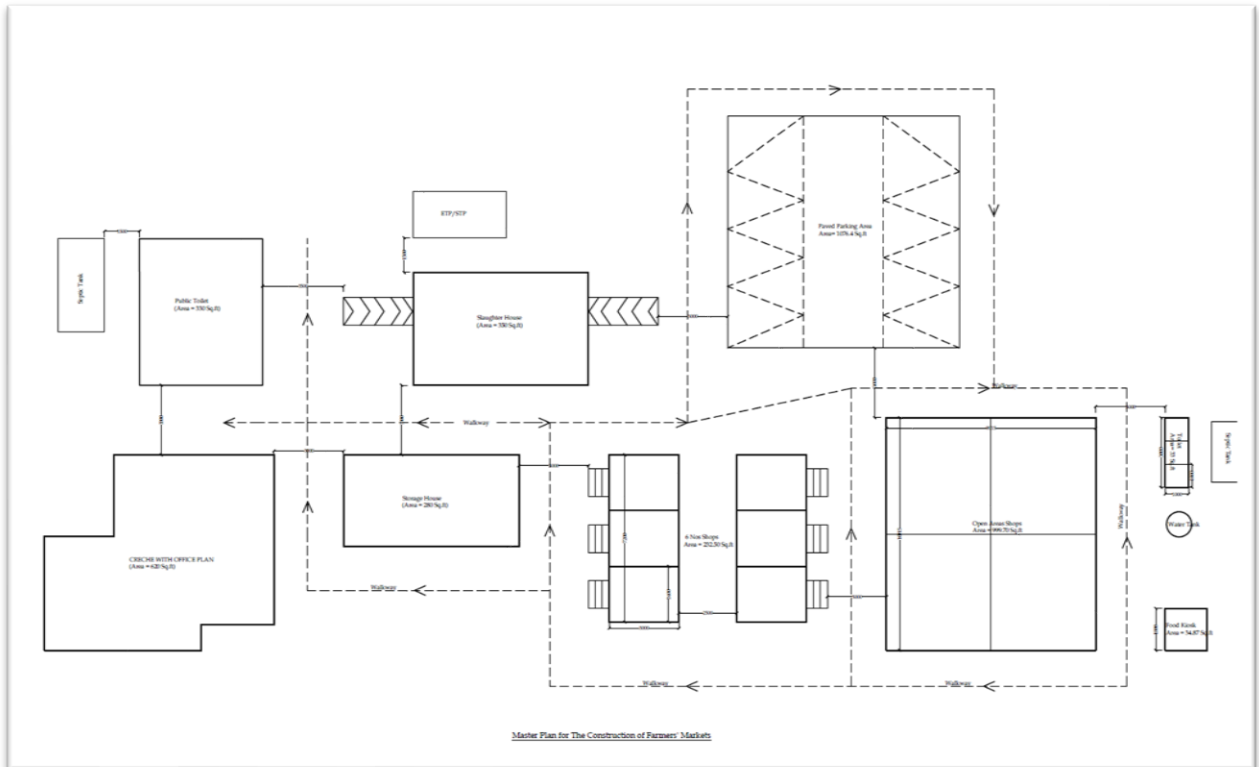
This ESCMP is being developed for the market construction at Magalpara within Dadenggre Block in West Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397	10	Dadenggre Bazaar, 10Km	Arecanut, Pineapple, Black Pepper, Ginger, Banana, Broomstick, Jackfruit, Seasonal Vegetables, etc.

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC

funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

Further details of the Magalpara at Dadenggre, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be availble to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products Arecanut, Pineapple, Black Pepper, Ginger, Banana, Broomstick, Jackfruit, Seasonal Vegetables, among others which are locally produced. The beneficiary villagers are from nearby 10 villages and other nearest centre from this area is Dadenggre Bazaar which is 10 Km away.

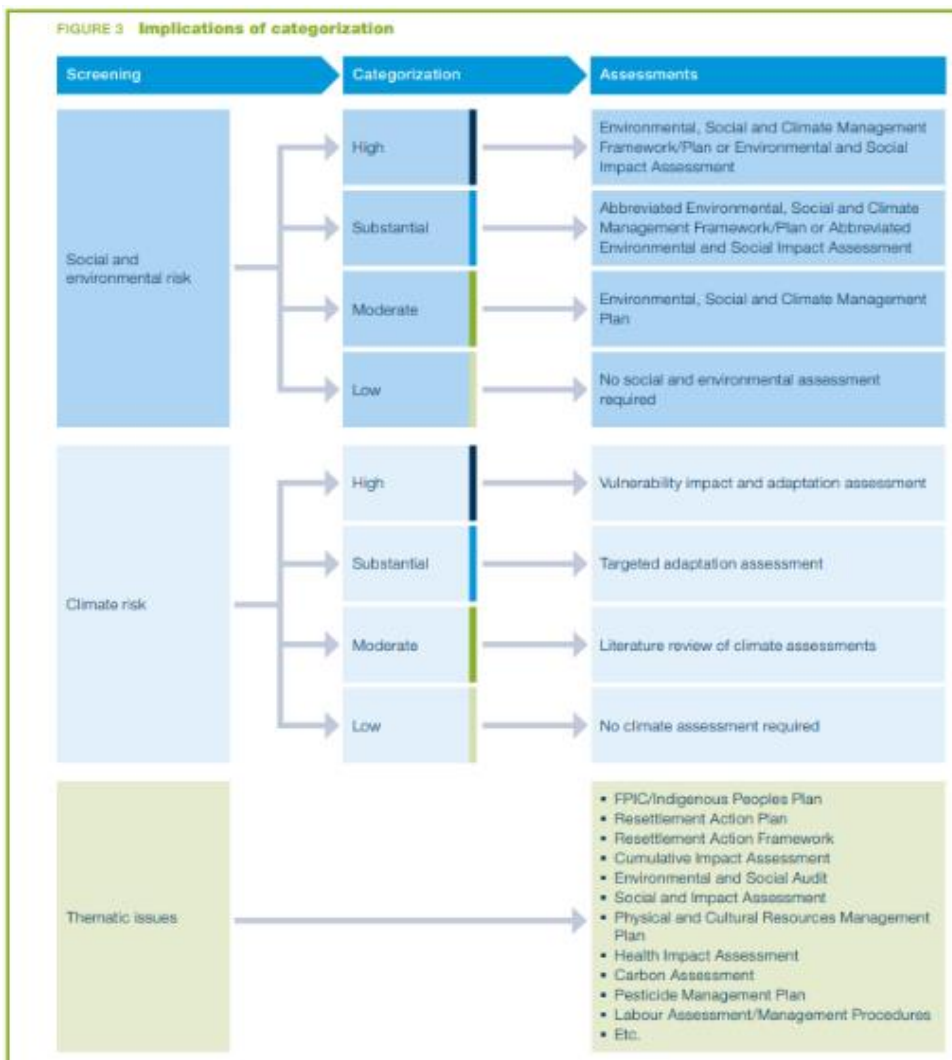
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be

constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Magalpara, Dadenggre, West Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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Climate Change Adaptation	1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the	Design costs	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	ED – Technical, MBMA	Prior and during the construction phase
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Magalpara, Dadenggre block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	West Garo Hills		
Name of the Block	Magalpara		
Name of the Settlement	Dadenggre		
Latitude	25.45'57,61607 N		
Longitude	90.8'45.10397 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Magalpara, Dadenggre, West Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Magalpara, Dadenggre is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Magalpara, Dadenggre is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Magalpara, Dadenggre is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

<p>Yes response to any questions between 1 and 21</p>	<p>Environmental and social category is not a category A</p>	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
<p>NO, response to all questions between 1 and 21 and also no response for questions 22 and 36</p>	<p>Environmental and social category is B</p>	<p>As project is not a Category B; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction</p>
<p>NO, response to all questions between 1 and 36</p>	<p>Environmental and social category is C</p>	<p>No further analysis is required.</p>

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT KALCHENGPARA, SELSELLA BLOCK, WEST
GARO HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Kalchengpara, Selsella Block, West Garo Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

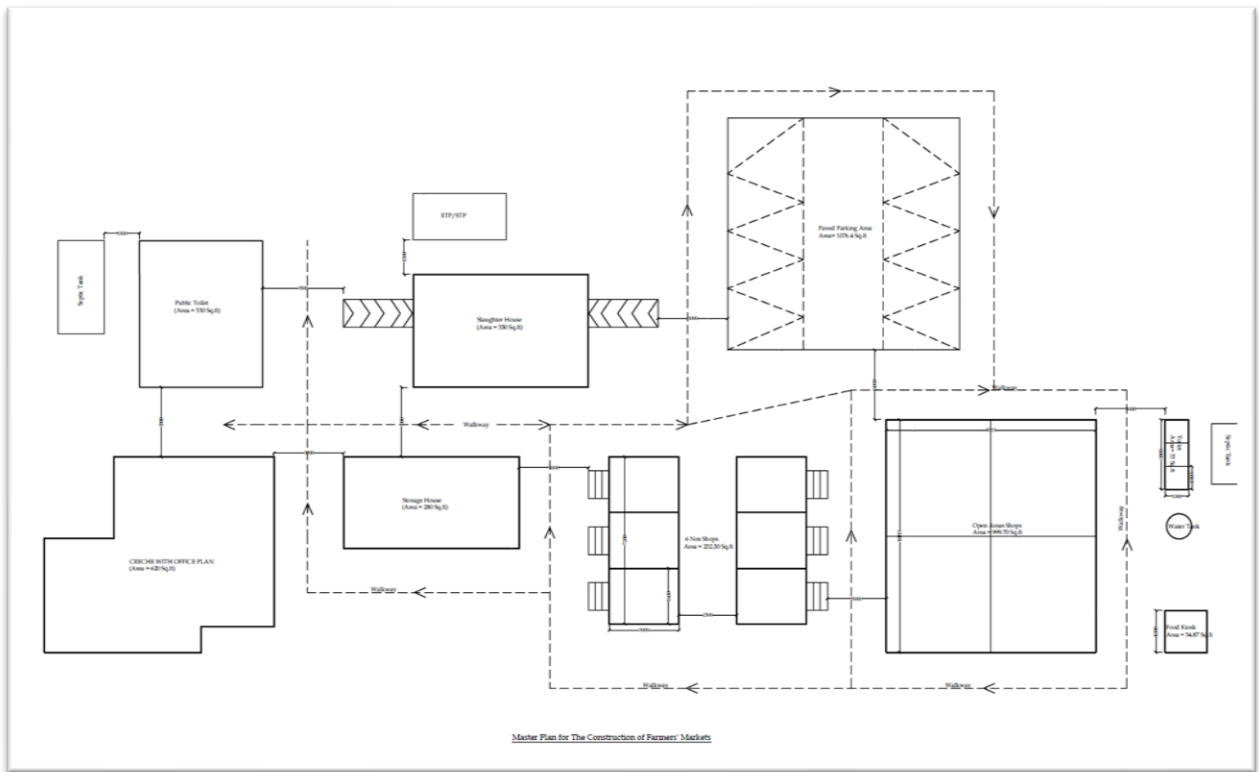
This ESCMP is being developed for the market construction at Kalchengpara within Sellsella Block in West Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
5	West Garo Hills	Sellsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308	18	Kalchengpara, 4km	Pumpkin, Banana, Tapioca, Brinjal, Taro Leaves, Wild Yam, Pineapple, Orange, Tamarind, Jackfruit

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub

for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Kalchengpara at Selsella, such as Bill of Quantities and Drawings of the infrastructure are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products Pumpkin, Banana, Tapioca, Brinjal, TaroLeaves, Wild Yam, Pineapple, Orange, Temaind, Jackfruit, among others which are locally produced. The beneficiary villagers are from nearby 18 villages and other nearest centre from this area is Kalchengpara which is 4 Km away.

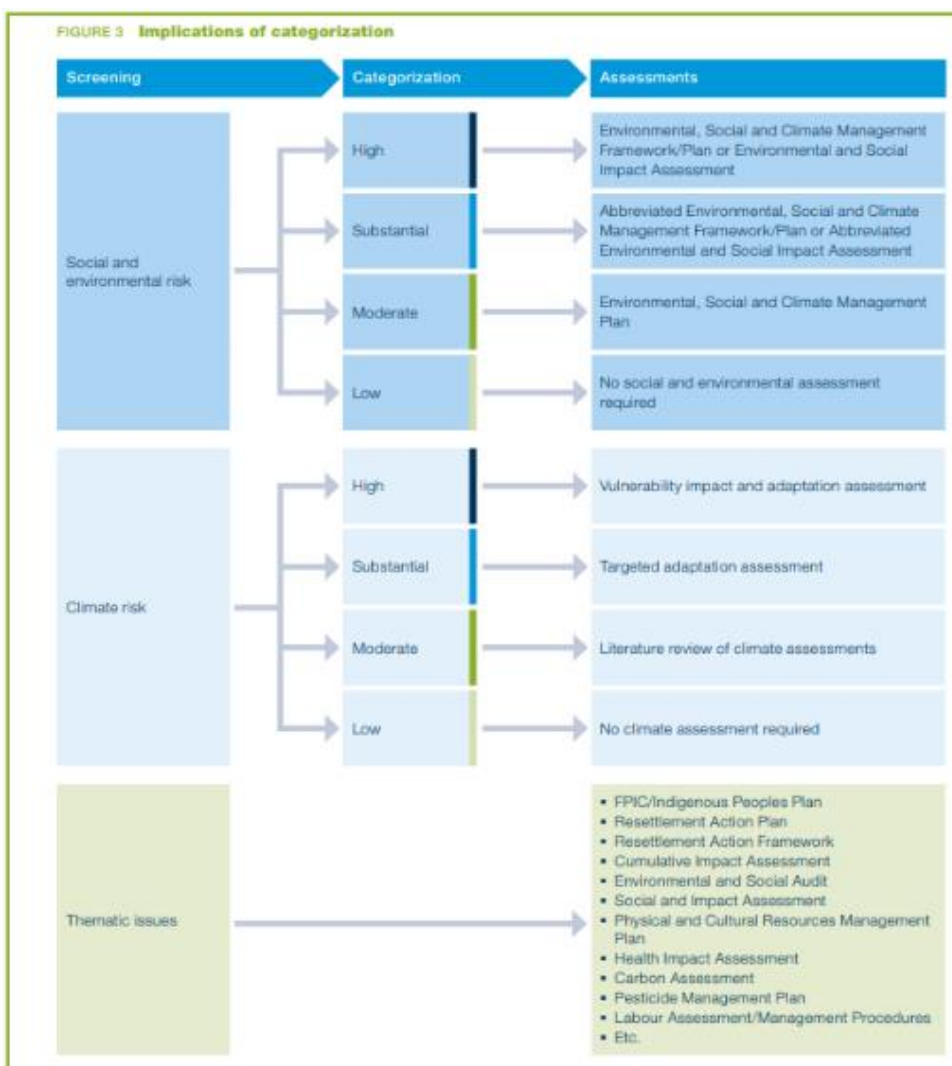
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities

that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Kalchengpara, Selsella, West Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/ under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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Climate Change Adaptation	1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the	Design costs	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	ED - Technical, MBMA	Prior and during the construction phase
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Kalchengpara, Selsella block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	West Garo Hills		
Name of the Block	Kalchengpara		
Name of the Settlement	Selsella		
Latitude	25.708562 N		
Longitude	90.090308 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Kalchengpara, Selsella, West Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Kalchengpara, Selsella is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Kalchengpara, Selsella is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Kalchengpara, Selsella is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO, response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO, response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT DAMACHIGA, TIKRIKILLA BLOCK, WEST GARO
HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Damachiga, Tikrikilla Block, West Garo Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongksha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

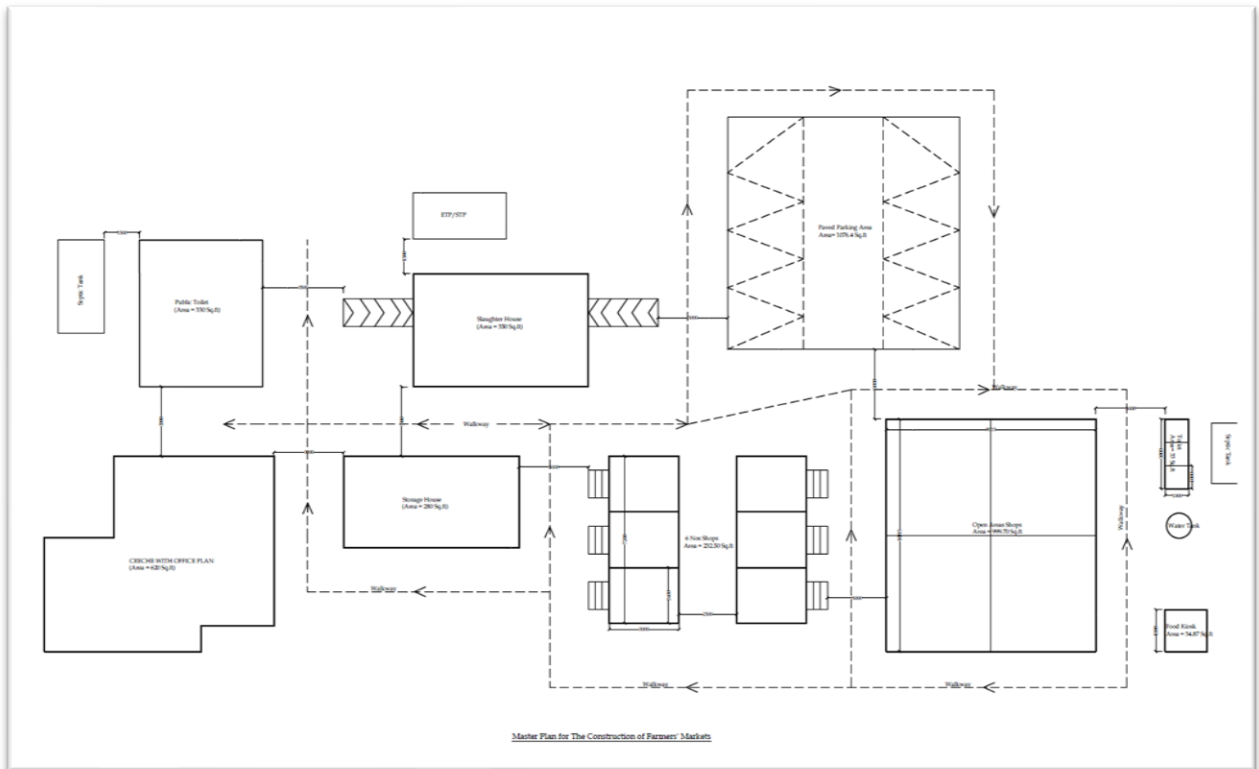
1.2 Sub-project Description:

This ESCMP is being developed for the market construction at Damachiga within Tikrikilla Block in West Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
1	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166	18	Tikrikilla, 16 Km	Arecanut, Black Pepper, Ginger, Turmeric & Seasonal Vegetables.

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

Further details of the Damachiga at Tikrikilla, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be availble to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products Arecanut, Black Pepper, Ginger, Turmeric & Seasonal Vegetables, among others which are locally produced. The beneficiary villagers are from nearby 18 villages and other nearest centre from this area is Tikrikilla which is 16 Km away.

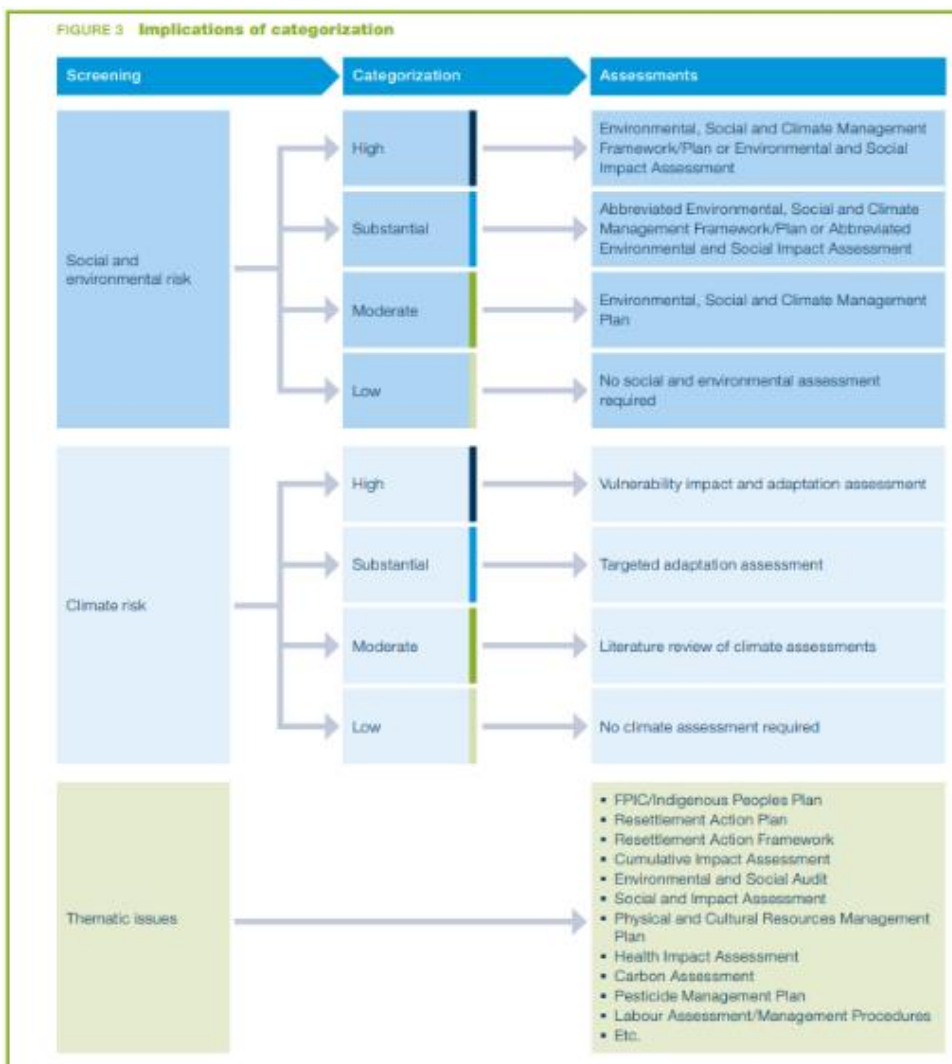
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implemetation of the construction of the Farmers Market. With a

view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

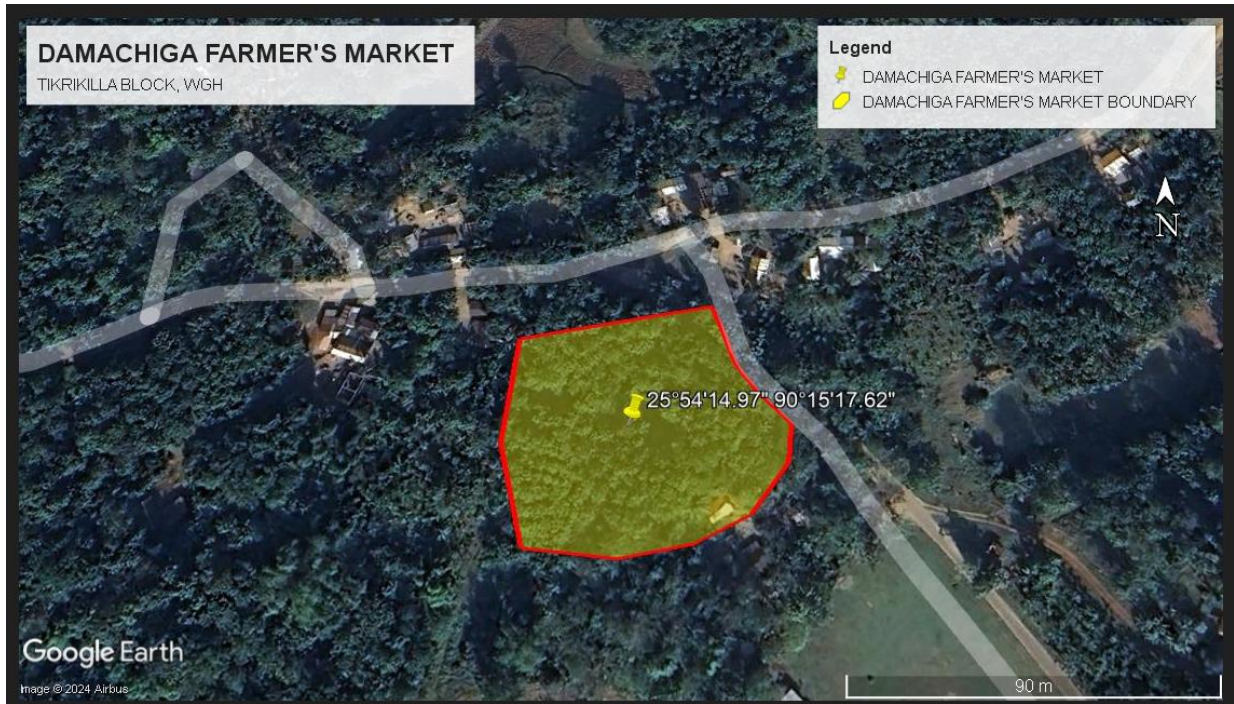
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Damachiga, Tikrikilla, West Garo Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Damachiga, Tikrikilla block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	West Garo Hills		
Name of the Block	Tikrikilla		
Name of the Settlement	Damachiga		
Latitude	25.904366 N		
Longitude	90.255166 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Damachiga, Tikrikilla, West Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Damachiga, Tikrikilla is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Damachiga, Tikrikilla is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Damachiga, Tikrikilla is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT LAMIN, AMLAREM BLOCK, WEST JAINTIA HILLS
DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Lamin, Amlarem Block, West Jaintia Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

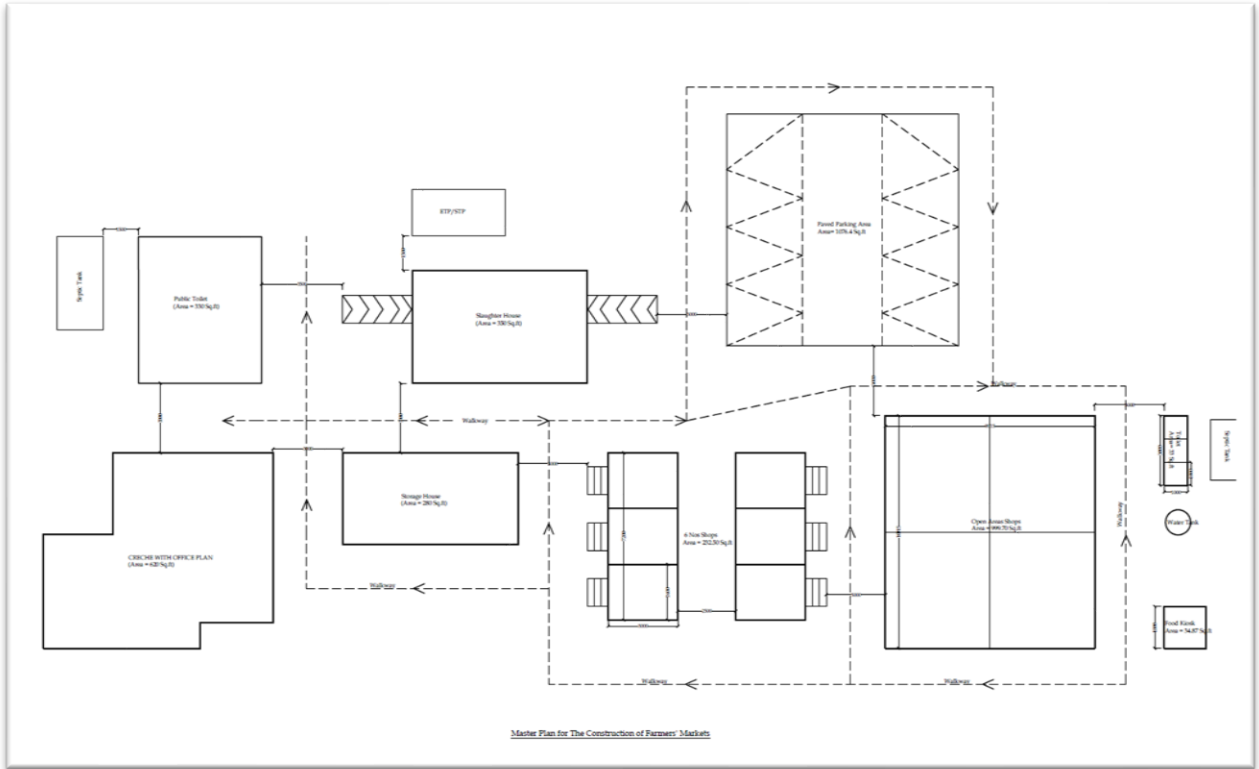
This ESCMP is being developed for the market construction at Lamin within Amlarem Block in West Jaintia Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
1	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136	40	Amlarem-29 km	Arecanut, Bettle Leaf, Fruits, Vegetables

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.

- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Lamin at Amlarem, such as Bill of Quantities and Drawings of the infrasturture are provided in the Request for Bid Document (RFB), which will be avallible to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as Arecanut,Bettle Leaf,Fruits,Vegetables, among others which are locally produced. The beneficiary villagers are from nearby 40 villages and other nearest centre from this area is Amlarem which is 29 Km away.

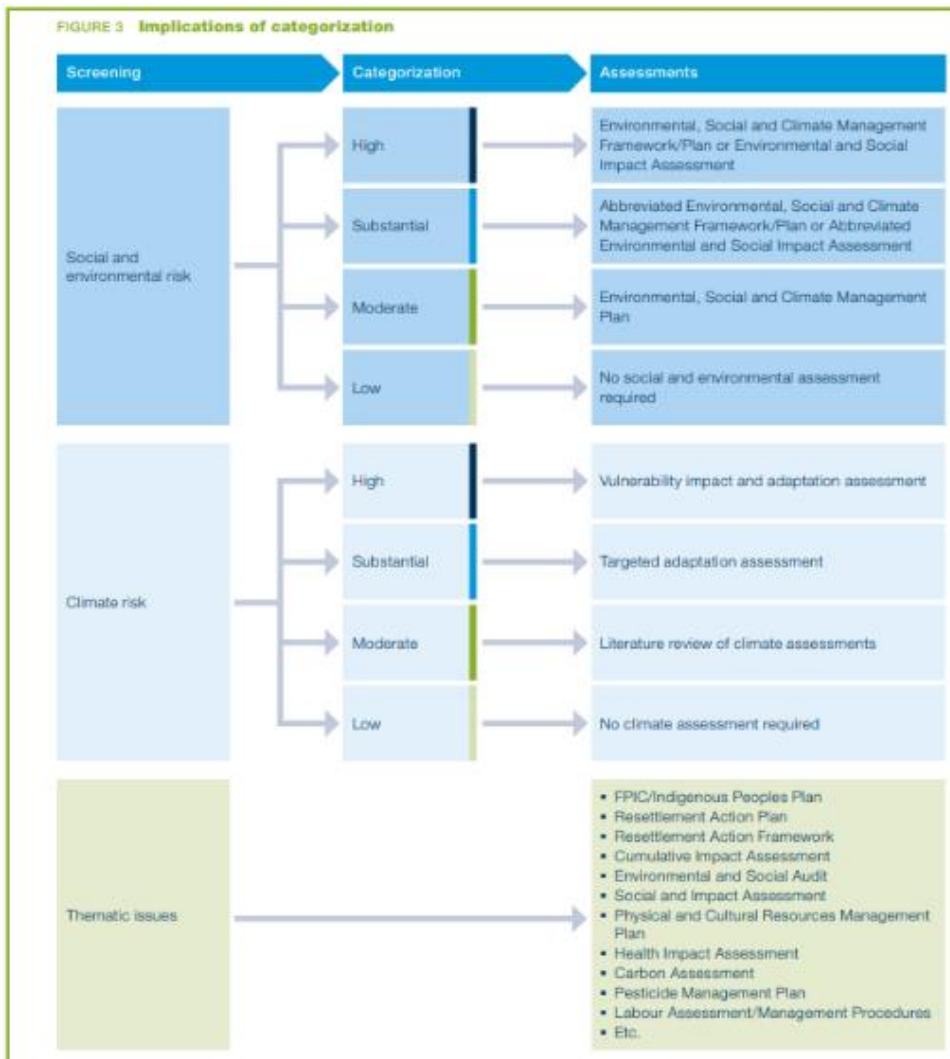
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implemetation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate

risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Lamin, Amlarem, West Jaintia Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/ under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Lamin, Amlarem block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	West Jaintia Hills		
Name of the Block	Amlarem		
Name of the Settlement	Lamin		
Latitude	25.185468 N		
Longitude	92.02136 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Lamin, Amlarem, West Jaintia Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Lamin, Amlarem is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Lamin, Amlarem is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Lamin, Amlarem is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)?(Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal workers is foreseen for

		construction.
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Guidance for categorization

<p>Yes response to any questions between 1 and 21</p>	<p>Environmental and social category is not a category A</p>	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
<p>NO, response to all questions between 1 and 21 and also no response for questions 22 and 36</p>	<p>Environmental and social category is B</p>	<p>As project is not a Category B; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction</p>
<p>NO, response to all questions between 1 and 36</p>	<p>Environmental and social category is C</p>	<p>No further analysis is required.</p>

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT NONGLATEM, THADLASKEIN BLOCK, WEST
JAINTIA HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Nonglatem, Thadlaskein Block, West Jaintia Hills District will be constructed under the above project.
2. The project land is free from any coupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

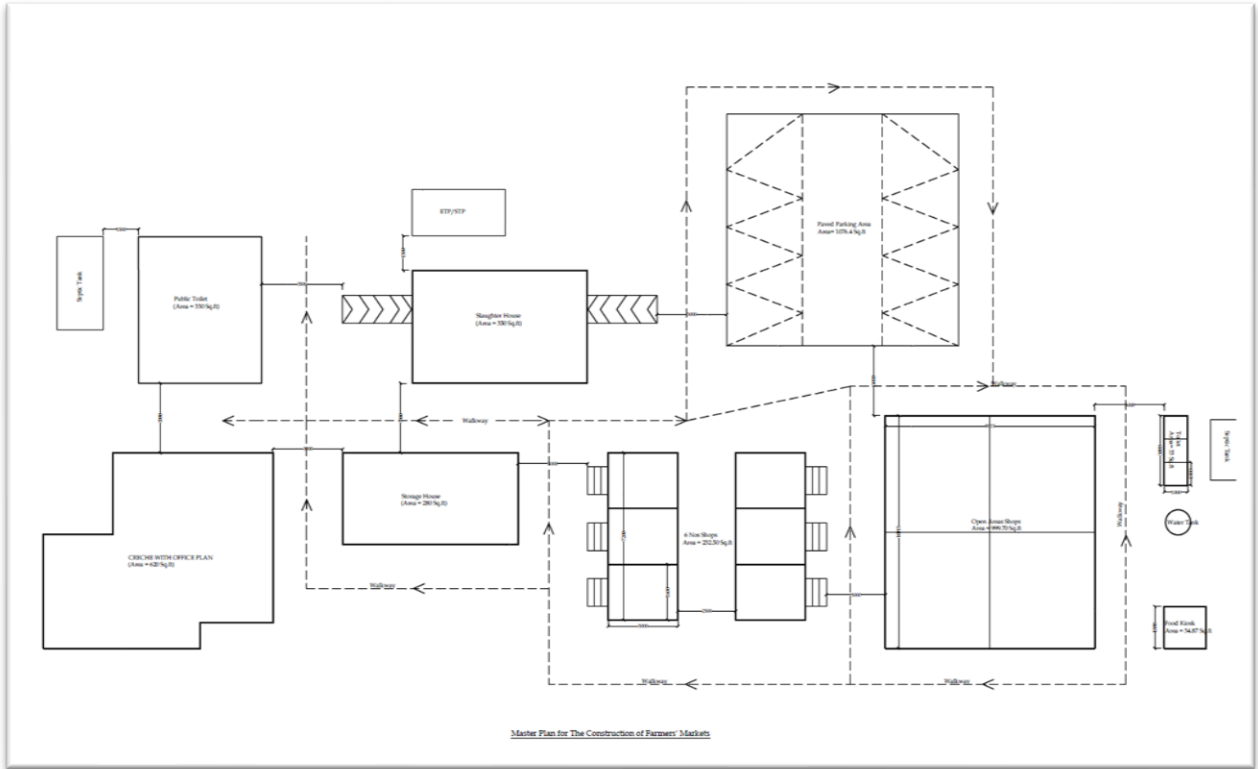
This ESCMP is being developed for the market construction at Nonglatem within Thadlaskein Block in West Jaintia Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
1	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648	20	10 km from Nartiang	Broom Grass, Bay leaf, vegetable

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.

- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Nonglatem at Thadlaskein, such as Bill of Quantities and Drawings of the infrastructure are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as Broom Grass, Bay leaf, vegetable, among others which are locally produced. The beneficiary villagers are from nearby 20 villages and other nearest centre from this area is Nartiang which is 10 Km away.

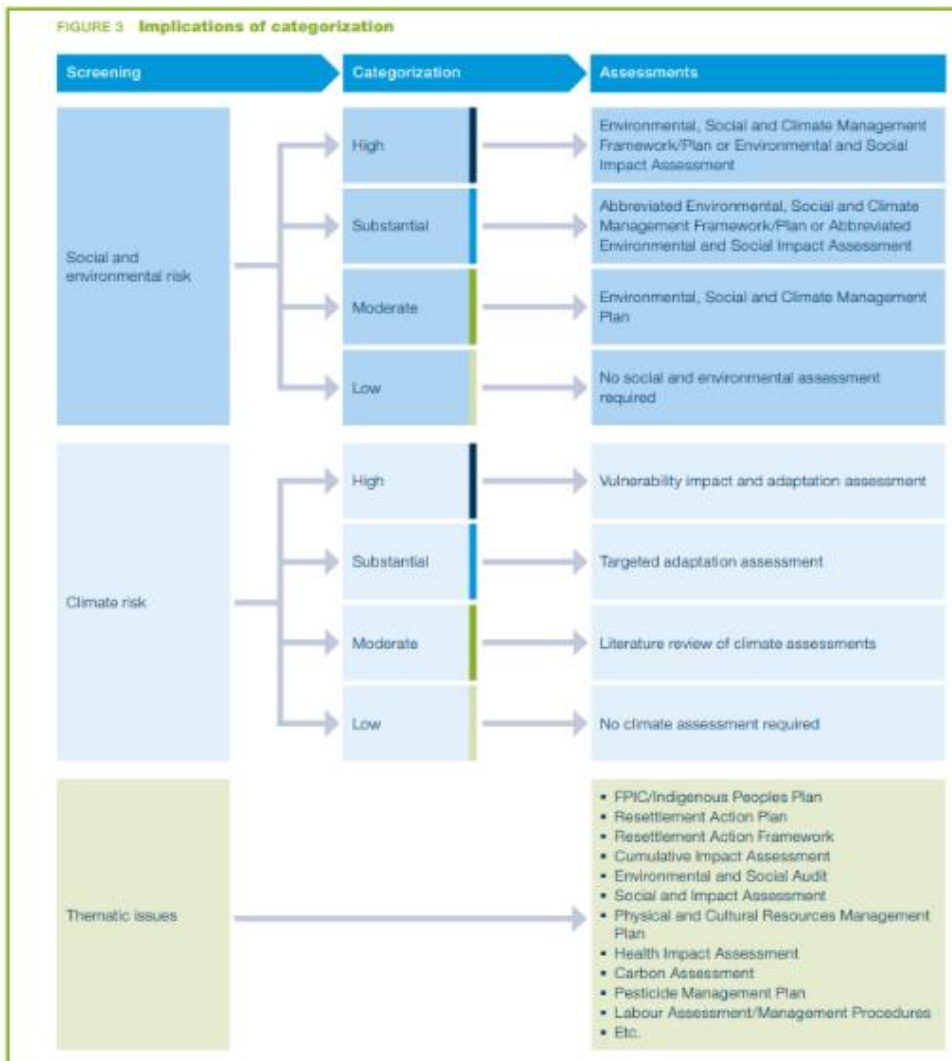
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate

risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Nonglatem, Thadlaskein, West Jaintia Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Nonglatem, Thadlaskein block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	West Jaintia Hills		
Name of the Block	Thadlaskein		
Name of the Settlement	Nonglatem		
Latitude	25.613616 N		
Longitude	92.190648 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Nonglatem, Thadlaskein, West Jaintia Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Nonglatem, Thadlaskein is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Nonglatem, Thadlaskein is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Nonglatem, Thadlaskein is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT MARNGOR, MAWTHADRAISHAN BLOCK, WEST
KHASI HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Marngor, Mawthadraishan Block, West Khasi Hills District will be constructed under the above project.
2. The project land is free from any coupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

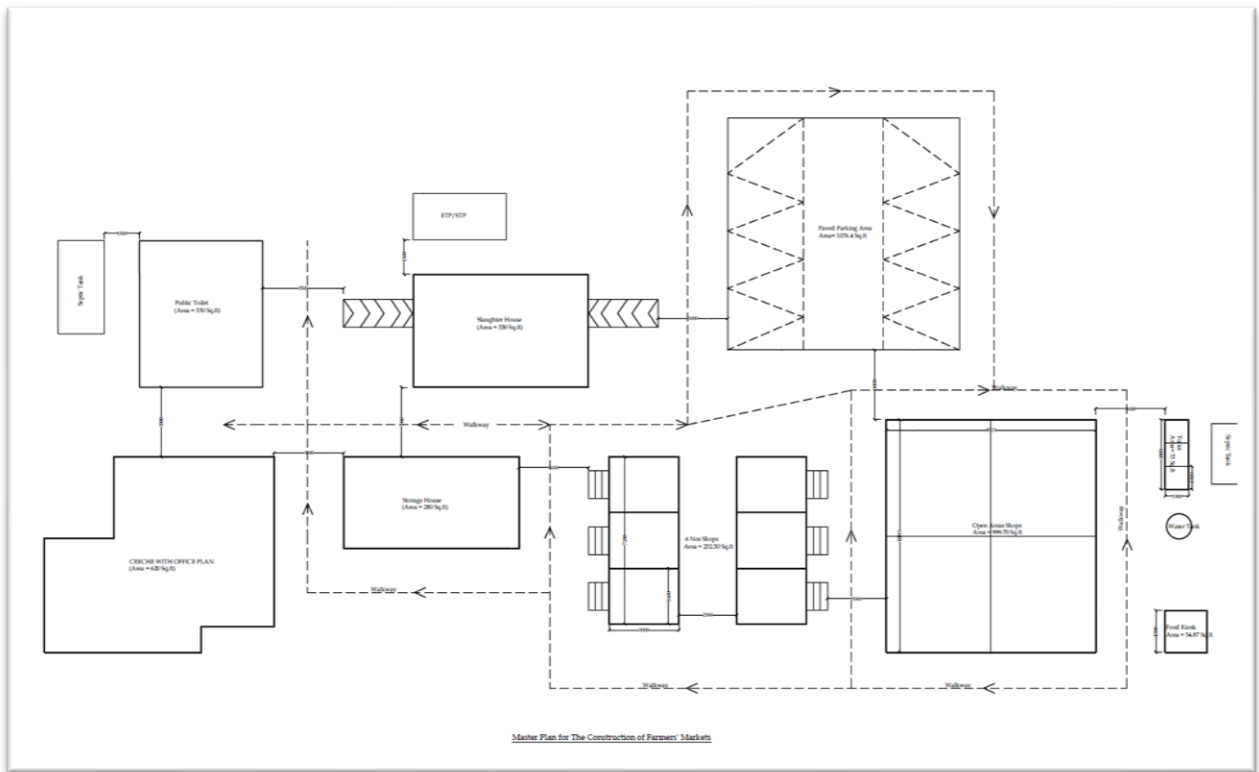
This ESCMP is being developed for the market construction at Marngor within Mawthadraishan Block in West Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
1	West Khasi Hills	Mawthadraishan	Marngor	latitude:25.428529, Longitude: 91.428529	8	12km Markasa	Seasonal veg, paddy rice, potato, squashes, carrot, brinjal, beans

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub

for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.
- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Market at Mawthadraishan, such as Bill of Materials and Drawings of the infrastructure are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as seasonal vegetables, paddy rice, potato, squash, carrot, brinjal, beans, among others which are locally produced. The beneficiary villagers are from nearby 8 villages and other nearest centre from this area is Markasa which is 12 Km away.

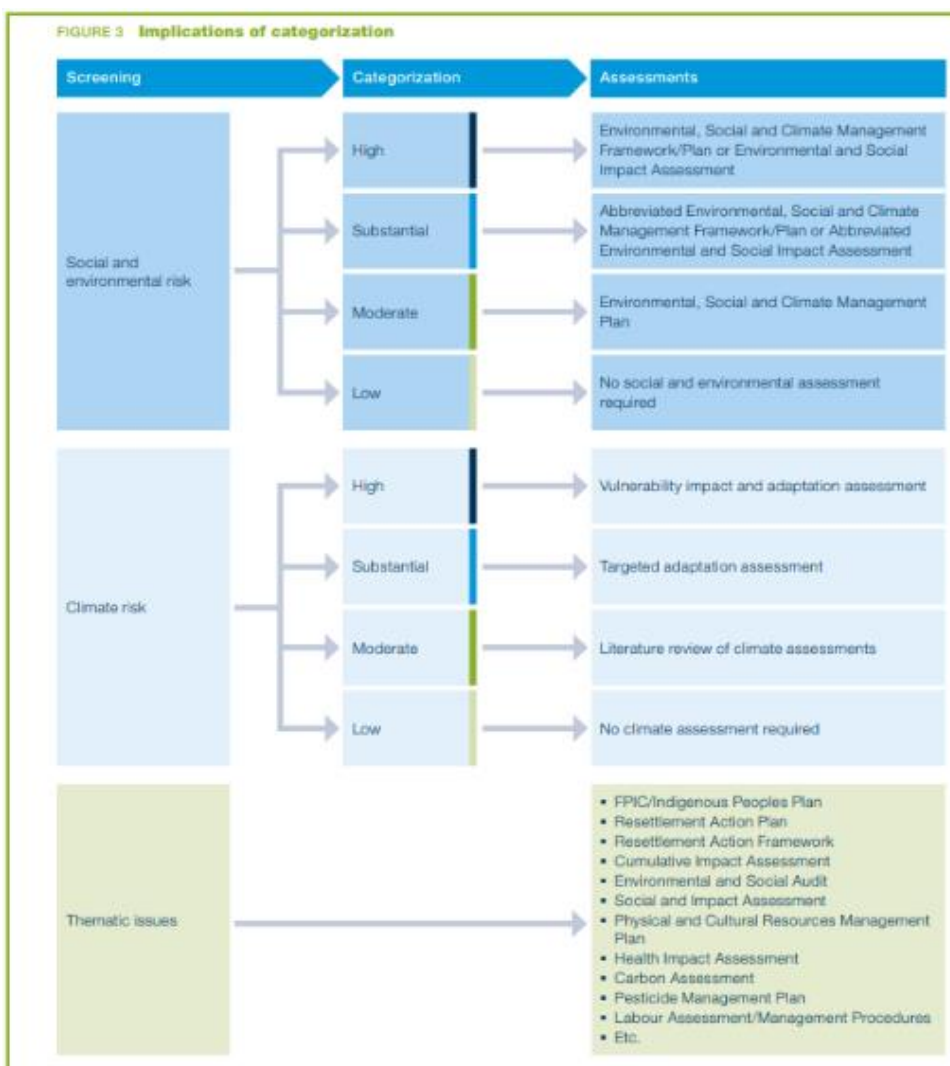
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities

that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Marngor, Mawthadraishan, West Khasi Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Marngor, Mawthadraishan block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	West Khasi Hills		
Name of the Block	Mawthadraishan		
Name of the Settlement	Marngor		
Latitude	25.428529 N		
Longitude	91.428529 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Marngor, Mawthadraishan, West Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Marngor, Mawthadraishan is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Marngor, Mawthadraishan is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Marngor, Mawthadraishan is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant

		workforce or seasonal workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

**SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES
(SECAP)**

FOR

**PROPOSED FARMER'S MARKET LOCATION AT NONGLWAI, NONGSTOIN BLOCK, WEST KHASI
HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

Over 70% of Meghalaya's population is engaged in agriculture and allied activities for its livelihood and sustenance. With the aim of raising the overall income and quality of life of the farmers, the Government of Meghalaya has undertaken a number of interventions focused around improving the efficiencies along the agricultural value chain. These initiatives are expected to raise production and productivity in agriculture and allied activities.

At the same time, the state's vision of 'Doubling the farmers' Income' is hugely dependent on the ability of the farmers to be able to realise fair value for their produce. This falls within the realm of Agriculture Marketing which has been a fundamental problem in the state owing to the restriction imposed by geography, topography and climate. Agriculture marketing in common parlance refers to a series of Services and functions involved in moving the agricultural goods from the point of production to the point of consumption, and encompasses all the activities involved in creation of a time, place, form and possession value. In Meghalaya, where land holding structure is dominated by small and marginal farmers, both production and post production activities are challenged in terms of efficiency. Since the market determines the value that their produce fetches, farmers need to be integrated with a market structure that will enable both transparency and efficiency.

Agriculture market structure in Meghalaya has so far been lopsided. The current trading model of agriculture produce in Meghalaya involves produce, either being sold by individual farmers in the various local or cluster level markets or being aggregated by the village aggregator who in turn sells to a larger aggregator at the cluster or mandi level. The small and marginal farmers with small marketable surplus ratio (MSRs) have not benefited much from this marketing structure. Thus, there is a need for Markets where farmers can directly sell their produce.

1. The proposed project at Nonglwai, Nongstoin Block, West Khasi Hills District will be constructed under the above project.
2. The project land is free from any occupant and tree cover.
3. The project is on Government land. No land acquisition.
4. The project classification has been done as **category-C**.

1. Introduction

1.1 Project Description

The comprehensive Environmental, Social and Climate Management Plan (ESCMP) for the Meghalaya: Livelihoods and Access to Markets Project (LAMP) in India, a Project financed by the International Fund for Agricultural Development (IFAD) is already available. Now, the Meghalaya Basin Management Agency (MBMA) is responsible for implementing the Construction of 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the IFAD procurement guidelines.

Sl. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	Zikzak	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396 Elevation: 32.6 m
12	South Garo Hills	Chokpot	Silki Bazar	Latitude: 25.25225, Longitude: 90.482093, Elevation: 91.8 m
13	South Garo Hills	Baghmara	Karukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m
14	South Garo Hills	Baghmara	Siju Bazar	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m
15	South Garo Hills	Baghmara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,
16	South Garo Hills	Gasuapara	Cherengpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m
17	Ri Bhoi	Jirang	Amsohbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E
18	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468, Longitude: 92.02136
19	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616, Longitude: 92.190648
20	East Khasi Hills	Mawkynrew	Jongsha	Lat:25.468343, Long91.972646, Ele:1669.34+6m
21	East Khasi Hills	Mawkynrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m
22	East Khasi Hills	Laitkroh Khatarshnong	Diengkynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Lat:25.322077, Long:91.796674, Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024, Longitude:91.73797 2, Elevation: 803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	Mawtharaishan	Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

This report is to be used by the MBMA to ensure that all environmental, social and climate risks and impacts likely to be generated by or affecting the project activities are adequately addressed and that the relevant capacity and training needs are established for the recommended mitigation and adaptation measures to be effectively implemented, monitored and reported.

This is a screening report which will further justifies the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

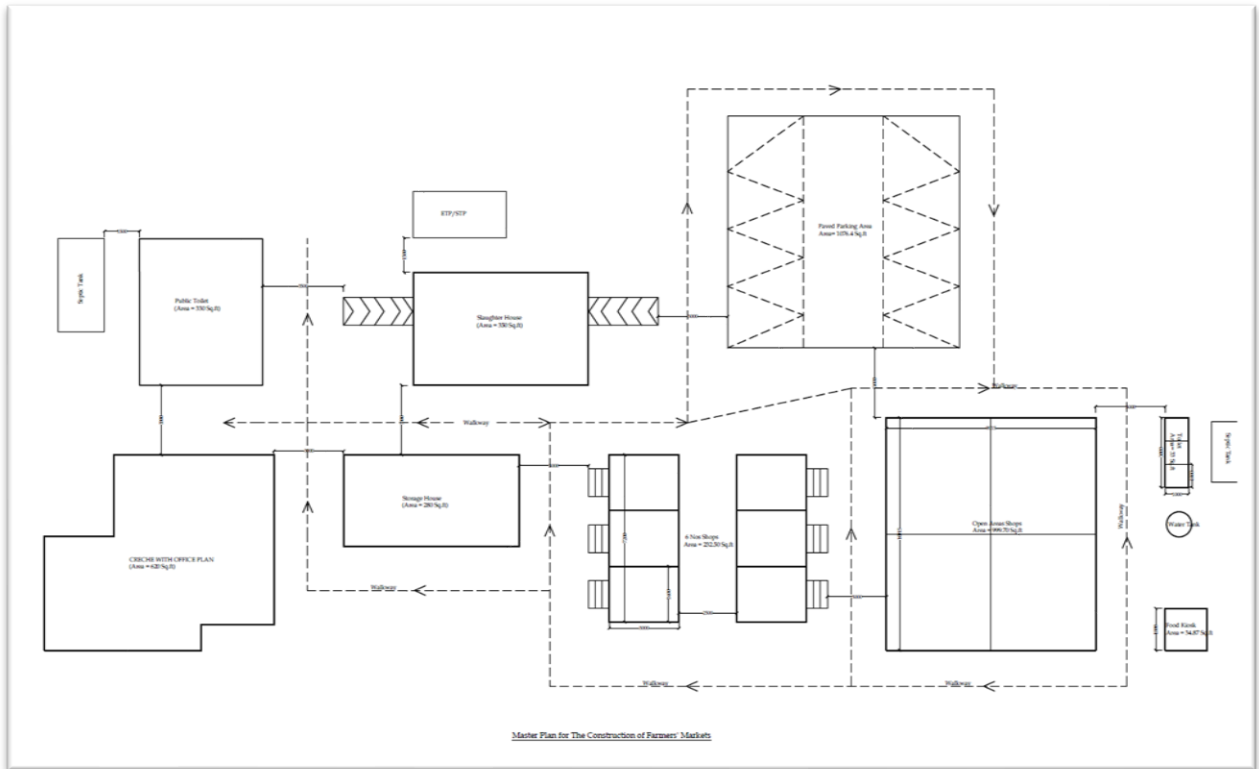
This ESCMP is being developed for the market construction at Nonglwai within Nongstoin Block in West Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages cover	Nearby market and distance	Commodities
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753	21	Nongstoin: 17kms	Seasonal Vegetables, Livestock, Paddy

The area already has a temporary market with bamboo makeshift with no permanent structure and the construction of shops is in-progress through the NEC funding. The current market has been managed by local bodies. This market is hub for agricultural products from nearby villages. The various infrastructures of the market is as follows and depicted in the drawing:

- i. Main market shade with an office complex.

- ii. Slaughter house
- iii. Toilet facility
- iv. Storage facility
- v. Sewage treatment facility



Project Plan Drawing

Further details of the Nonglwai at Nongstoin, such as Bill of Quantities and Drawings of the infrastructure are provided in the Request for Bid Document (RFB), which will be available to all the vendors who are interested to participate in this tender.

Beneficiaries:

Through this market shade the farmers can sell products such as Seasonal Vegetables, Livestock, Paddy, among others which are locally produced. The beneficiary villagers are from nearby 21 villages and other nearest centre from this area is Nongstoin which is 17 Km away.

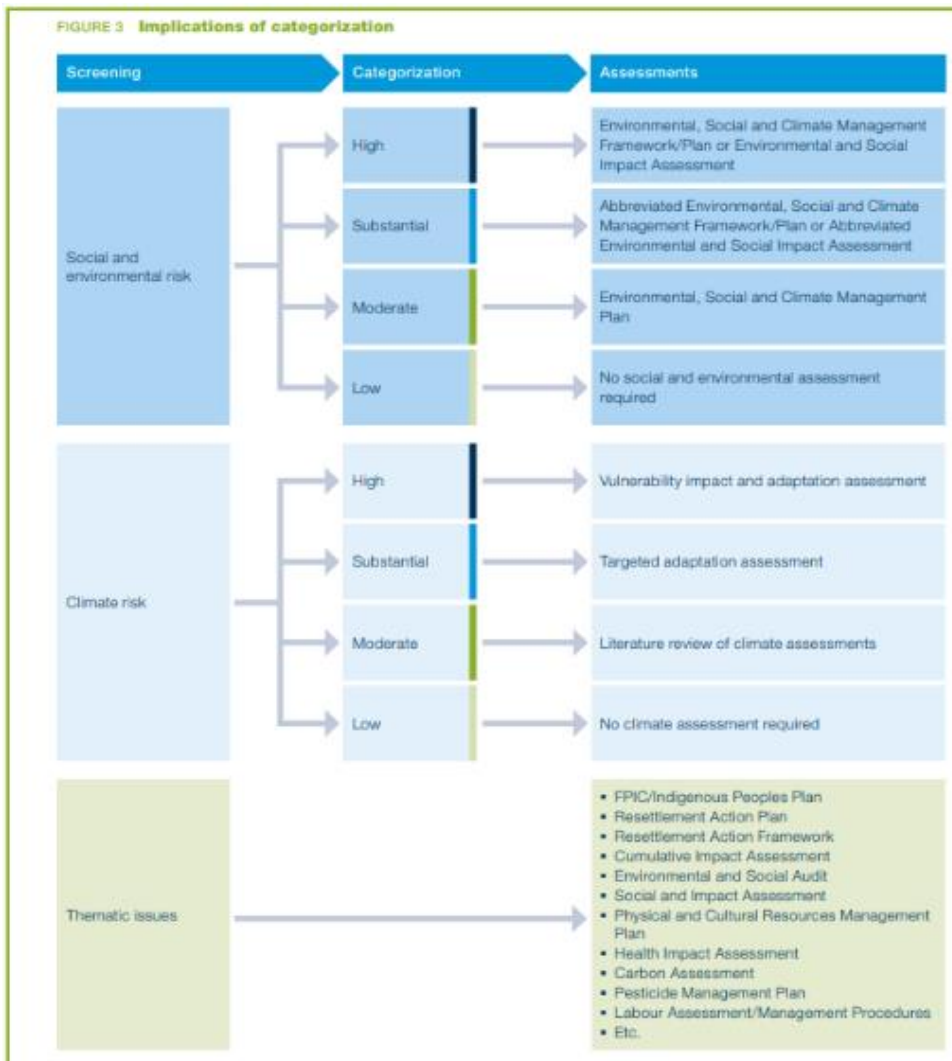
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the construction of the Farmers Market. With a view on climate risks, this screening exercise allows the project to highlight climate

risks to the Construction of Farmers Market and provides appropriate mitigation measures to incorporate into the subprojects design.

1.4 Methodology of Environment, Social and Climate Screening Study

The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



Reference: <https://www.ifad.org/en/secap>

A justification for the environmental category (A, B, C) and climate risk classification (high, moderate, low) has been done.

1.5 Location of the Farmers Market at Nonglwai, Nongstoin, West Khasi Hills District



1.6 ESCMP of Construction of Farmers Market as per the 9 SECAP pillars

The construction of the Farmers Market has a very minor impact on all the nine principles of SECAP as indicated below:

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	<ol style="list-style-type: none"> 1. Construction of market structure and office complex 2. Construction of Slaughter house 3. Construction of Toilet facility 4. Construction of Storage house 5. Construction of Sewage treatment facility 	<ol style="list-style-type: none"> 1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water 	<ol style="list-style-type: none"> 1. The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand in agricultural produce and sustain the livelihood of the people 2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area. 	<ol style="list-style-type: none"> 1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of the water during the construction 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP

2	Climate Change Adaptation	<ol style="list-style-type: none"> 1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility 	<ol style="list-style-type: none"> 1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 	<ol style="list-style-type: none"> 1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure 	<ol style="list-style-type: none"> 1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	<ol style="list-style-type: none"> 1. Inclusion of women and marginalized groups in market operations 2. The farmers will also have the option to either sell their produce to wholesalers or even directly to vendors at a price higher than farm gate price 	<ol style="list-style-type: none"> 1. Gender inequality - Social exclusion 2. Market operations and management 	<ol style="list-style-type: none"> 1. The market will be managed and operated entirely by the farmers cooperatives with little or no intervention from the government 2. Ensure equal representation in decision-making bodies 3. Provide gender sensitivity training 	<ol style="list-style-type: none"> 1. Gender representation 2. Audits 3. Satisfaction surveys 	<ol style="list-style-type: none"> 1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

				4. The farmers will get market shed to sell their products, local goods and will be economically benefited		
4	Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	1. Initial public consultation before land allocation and construction of the markets 2. Regular consultations with local communities and vendors	1. Lack of community support 2. Knowledge about the project and sub-project. Its sources of assistance, construction, facilities, implementation and execution	1. Public consultation was completed during the initial assessment of the sub-project 2. Conduct regular stakeholder meetings 3. Ensure transparent communication channels	1. Participation rates 2. Feedback analysis	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU-MLAMP
6	Biodiversity and Ecosystem Services	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project
7	Pollution Prevention and Resource Efficiency	1. Construction of sewage treatment facility	1. Effective sewage management	1. Ensure that the sewage treatment facility is being used effectively	1. Regular checks by the market committee	1. NRM expert, MLAMP 2. DPMU - MLAMP 3. Market Committee

8	Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	1. Incident reports 2. Health service utilization	1. Contractor 2. DPMU - MLAMP
9	Cultural Heritage	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project	This principle is not related to this sub-project

1.7 ESCMP Matrix of Construction of Farmers Market

Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Social impacts	Mitigation / Remedial Measures	Costs	Institutional Responsibility			
					Responsibility	Monitoring Action/ Indicator	Supervision	Frequency of implementation and/or monitoring
Natural Resources	Construction of: 1. Main market shade with office complex 2. Slaughter house 3. Toilet	1. Development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity 2. Sub-project rely on surface water	1. The availability of the farmers market in this area will address the problem of carrying capacity and	Design costs	Contractor, ED, Technical, MBMA, DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 2. Availability of	ED - Technical, MBMA	During the construction phase and after the market is operational

	<p>facility</p> <p>4. Storage facility</p> <p>5. Sewage treatment facility</p>		<p>meet the increasing demand in agricultural produce and sustain the livelihood of the people</p> <p>2. The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>			<p>the water during the construction</p>		
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<p>Climate Change Adaptation</p>	<p>1. Use of climate-resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility</p>	<p>1. During summer the temperature may reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season</p>	<p>1. Construction of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructure will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any issues to the</p>	<p>Design costs</p>	<p>1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP</p>	<p>1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness</p>	<p>ED - Technical, MBMA</p>	<p>Prior and during the construction phase</p>
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			construction of the infrastructure					
Human Rights	1. Fair labor practices 2. Accessibility for all vendors and customers	1. Labor exploitation 2. Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Design costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU - MBMA Market Committee	Prior and during the construction phase and after the market is operational
Health and Safety	1. Safe construction practices 2. Health facilities for market users	Occupational health and safety hazards to construction personnel & public	1. Provide safety training and equipment 2. Ensure availability of health services	Design costs	1. Contractor 2. MLAMP - DPMU	1. Incident reports 2. Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I
Environment and Social Screening Form

Part A: General Information

IFAD classifies all projects into one of three environmental and social categories (A, B or C) and one of three climate risk classifications (high, moderate and low).

(A positive response to any question between 1 and 22 (see questions below) will categorize the project as A. Similarly, a positive response to question 23 to 38 will categorize the project as B. In case all answers are negative, the project will be categorized as C.)

This checklists for environmental and social and climate risks will:

1. Initially be filled in during concept development to help guide in the identification of opportunities and possible risks and activities that will need to be considered in the project design;
2. Be attached to the Social, Environmental and Climate Assessment Procedures (SECAP) review note; and
3. Be reviewed during project design phases and updated as required.

Project title:			
IFAD project:	LAMP	Version of checklist:	2021 Version
Country:	India	Date of this version:	October 2024
Checklist prepared by (name, title and institution)	SPMU - MLAMP, MBMA		

The details of the elaboration on issues that arise as a result of screening should be clearly articulated in the SECAP review note.

1. Name of the sub-project	Proposed Farmer's market Location at Nonglwai, Nongstoin block		
2. Type of proposed activity (tick the applicable option and provide details)			
Protection and development of drinking water sources		Introduction of improved techniques of paddy, maize and millet cultivation	
Roof top water harvesting		Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;	
Construction of water harvesting structures and seepage tanks/ In-situ rainwater harvesting systems		Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes		Enterprise development	
Construction of check dams		Integrated production and marketing clusters	
Land husbandry activities		Market infrastructure including rural roads	√
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.		Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems		Establishment of producer groups	
Any Other (Please Specify)		Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub-project			
Name of the Region in Meghalaya	Meghalaya		
Name of the District	West Khasi Hills		
Name of the Block	Nongstoin		
Name of the Settlement	Nonglwai,		
Latitude	25.453398 N		
Longitude	91.332753 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Nonglwai, Nongstoin, West Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Nonglwai, Nongstoin is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Nonglwai, Nongstoin is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)	No	The location of the farmers market does not have any ecological impact as indicated in Farmers Market as per the 9 SECAP pillars on Biodiversity and Ecosystem Services
4. Is the project location subjected to major destruction as a result of geophysical hazards (tsunamis, landslides, earthquakes, volcanic eruptions)?	No	The location of the farmers market is situated in a plain terrain. It is not subjected to any major destruction
Natural resources		
5. Would the project lead to unsustainable natural resource management practices (fisheries, forestry, livestock) and/or result in exceeding carrying capacity. For example, is the development happening in areas where little up-to-date information exists on sustainable yield/carrying capacity? (Guidance statements 4, 5 and 6)	Yes	The availability of the farmers market in this area will address the problem of carrying capacity and meet the increasing demand and population

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and

their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical cultural resources (of historical, religious, archaeological or other cultural significance), and areas with high social vulnerability.

<p>6. Would the project develop large-scale⁶² aquaculture or Mari culture projects, or where their development involves significant alteration of ecologically sensitive areas?</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale. There is no significant alteration of ecologically sensitive area. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft.</p>
<p>7. Would the project result in significant use of agrochemicals which may lead to life-threatening illness and long-term public health and safety concerns? (Guidance statement 14)</p>	<p>No</p>	<p>There is no usage of agrochemicals in this construction of farmers market</p>
<p>8. Does the project rely on water-based (groundwater and/or surface water) development where there is reason to believe that significant depletion and/or reduced flow has occurred from the effects of climate change or from overutilization? (Guidance statement 7)</p>	<p>Yes</p>	<p>The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.</p>
<p>9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)</p>	<p>No</p>	<p>The construction of the farmers market is at a minor scale and does not impact any local biodiversity</p>
<p>10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)</p>	<p>No</p>	<p>The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:</p>

		<p>1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need</p> <p>3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities</p>
Infrastructure development		
<p>11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria?</p> <ul style="list-style-type: none"> - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m³ reservoir capacity; or - incoming flood of more than 2,000 m³/s (Guidance statement 8) 	No	This construction is related to Farmers Market and does not involve any reservoirs
<p>12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)?⁶³ (Guidance statement 7)</p>	No	<p>The construction of the farmers market is at a minor scale. The size of the farmers market is:</p> <p>Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft</p>

⁶² The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations on minimum size (usually ranging from a unit area of 10 to 50 hectares) and these will be adopted where they exist. However, where there are no standards, it is proposed to use 25 hectares as an aquaculture unit size to trigger an ESIA.

⁶³ The size threshold to trigger an Environmental and Social Impact Assessment (ESIA) may vary based on the country context and fragility of specific locations. Some countries have regulations determining size of irrigation development requiring a full ESIA and these will be adopted where they exist. However, where there are no standards, it is proposed to use 100 hectares as an irrigation development unit size to trigger an ESIA.

<p>13. Does the project include construction/ rehabilitation/upgrade of roads that entail a total area being cleared above 10 km long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)</p>	No	The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km
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14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	Yes	The construction of the farmers market will include the construction of a drainage system. There are no water bodies nearby which will require any correction
15. Does the project involve significant extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
Social		
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

		Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
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⁶⁴ Economic displacement implies the loss of land, assets, access to assets, income sources, or means of livelihoods (guidance statement 13).

Category B the following may have some adverse environmental and/or social implications which can be readily remedied.

Location

22. Does the project involve agricultural intensification and/or expansion of cropping area in non-sensitive areas that may have adverse impacts on habitats, ecosystems and/or livelihoods? (Guidance statements 1, 2 and 12)	No	Positive impact on livelihood and will provide market for the agricultural products.
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Natural resource management

23. Do the project activities include rangeland and livestock development? (Guidance statement 6)	No	The construction of the farmers market does not include rangeland and livestock development
24. Does the project involve fisheries where there is information on stocks, fishing effort and sustainable yield? Is there any risk of overfishing, habitat damage and knowledge of fishing zones and seasons? (Guidance statement 4)	No	There may be a fish market in the Farmers market but this is not related to overfishing, habitat damage and knowledge of fishing zones
25. Would the project activities include aquaculture and/or agriculture in newly introduced or intensively practiced areas? Do project activities include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species? (Guidance statement 4)	No	The construction of the farmers market is on a barren land and does not include conversion of wetlands and clearing of coastal vegetation, change in hydrology or introduction of exotic species
26. Do the project activities include natural resource-based value chain development? (Guidance statements 1, 6 and 12)	No	The farmers market will involve the selling/purchase/trading of the value chain products
27. Do the project activities include watershed management or rehabilitation?	No	The farmer's market does not include watershed management or rehabilitation
28. Does the project include large-scale soil and water conservation measures? (Guidance statements 1 and 5)	No	The farmer's market does not include large-scale soil and water conservation measures

Infrastructure

29. Does the project include small-scale irrigation and drainage, and small and medium dam subprojects (capacity < 3 million m ³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the sub-project design but there is no irrigation or construction of small/medium dams
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30. Does the project include small and microenterprise development subprojects? (Guidance statements 12 and 13)	Yes	The farmers market will have shops/stalls and may promote/encourage development of microenterprise
31. Does the project include the development of agro-processing facilities? (Guidance statements 2, 6 and 12)	Yes	The farmers market will have shops/stalls and also a storage facility. There may be small agro-processing and facilities based on the requirements of the cooperatives/societies

32. Would the construction or operation of the project cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Nonglwai, Nongstoin is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, or impacting less than 10 per cent of an individual household's assets (Guidance statement 13)?	No	No impact on household and no displacement as the location is on a barren land
35. Would the project result in short-term public health and safety concerns? (Guidance statement 14)	No	No such concern as the project is very small and to be completed in short duration.
36. Would the project require a migrant workforce or seasonal workers (for construction, planting and/or harvesting)? (Guidance statement 13)	No	There is ample availability of local contractors/workers and hence no migrant workforce or seasonal

		workers is foreseen for construction.
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Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	<p>It is not a category A Project</p> <p>Reason:</p> <ul style="list-style-type: none"> ✚ NO to question 16 ✚ NO to question 17 ✚ NO to question 18 Hence, No Social Impact Assessment is required. ✚ NO to question 8 and/or question 15 no water resources management plan for the project is required. ✚ NO to question 7, question 9 and/or question 19 clarifies that no pest management plan is required
NO , response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	As project is not a Category B ; Hence, environmental and social analysis required. Also no Environmental, Social and Climate Management Plan (ESCMP) is required. The section where YES is provided, is all a positive response and no-impact will be done through this minor civil work construction
NO , response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

RESULTS

The Proposed project is under the **Environmental and social category C** as per the guideline. Hence No further analysis is required

Guiding questions for climate risk screenig:

Question	Yes	No	Additional response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms or heat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this sub-project also includes a storage facility, hence cold storages may be installed in future as per the requirements
2. Do climate scenarios for the project area foresee changes in temperature, rainfall or extreme weather that will adversely affect the project impact, sustainability or cost over its lifetime?		No	Heavy Rainfall is expected during the monsoon season. However, the construction of the retaining walls is part of the sub-project design which not impact the progress of the project
3. Would the project make investments in low-lying coastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
8. Is the project target group entirely dependent on natural resources (such as seasonal crops, rainfed agricultural plots, migratory fish stocks) that have been affected by in the last decade by climate trends or specific climatic events?		No	This location will be used for construction of a farmer market. The target group which are the farmers will be using this market to sell and buy their produce
9. Would climate variability likely affect agricultural productivity (crops/livestock/fisheries), access to markets and/or the associated incidence of pests and diseases for the project target groups?		No	The construction of the farmers market will improve and enhance the agricultural activity and access to markets
10. Would weather-related risks or climatic extremes likely adversely impact upon key stages of identified value chains in the project (from production to markets)?		No	There is no weather-related risk or climatic extremes in this location that may impact the construction of the farmers market
11. Is the project investing in climate-sensitive livelihoods that are diversified?		No	Currently, this is not in scope of the project or sub-project
12. Is the project investing in infrastructure that is exposed to infrequent extreme weather events?		No	The location is not exposed to infrequent extreme weather events
13. Is the project investing in institutional development and capacity-building for rural institutions (such as farmer groups, cooperatives) in climatically heterogeneous areas?		No	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this sub-project as it is only for the construction of the farmers market
14. Does the project have the potential to become more resilient through the adoption of green technologies at a reasonable cost?		No	Currently this is not in-scope of this sub-project
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?		No	Currently this is not in-scope of this sub-project

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		No	Currently this is not in-scope of this sub-project. This is being implemented through other projects
17. Does the project have potential to integrate climate resilience measures without extensive additional costs (e.g. improved building codes, capacity- building, or including climate risk issues in policy processes)?		No	Currently this is not in-scope of this sub-project
18. Based on the information available would the project benefit from a more thorough climate risk and vulnerability analysis to identify the most vulnerable rural population, improve targeting and identify additional complementary investment actions to manage climate risks?		No	Not associated with current sub-project

CLIMATE RISK CLASSIFICATION:

The proposed project has been classified as the climate risk classification as low.

This was done as per the following guideline

*The additional explanation, where possible, will provide the justification for classification. Considerations should be given particularly to provide additional explanations for questions 13 to 17.

Guidance for classification

Yes, response to any of „the questions 1 to 7	The climate risk classification is high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classification is moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost all questions	The climate risk classification is low	No further analysis is required, but voluntary measures can be incorporated

