



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

SEPTEMBER, 2023

ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT

EXECUTIVE SUMMARY

FOR

PROPOSED FARMER'S MARKET LOCATION AT MAWTHYLLIANG (SEINDULI), MAWSHYNRUT
BLOCK, WEST KHASI HILLS DISTRICT

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Mawthylliang (Seinduli), Mawshynrut, West Khasi Hills District will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtrai	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

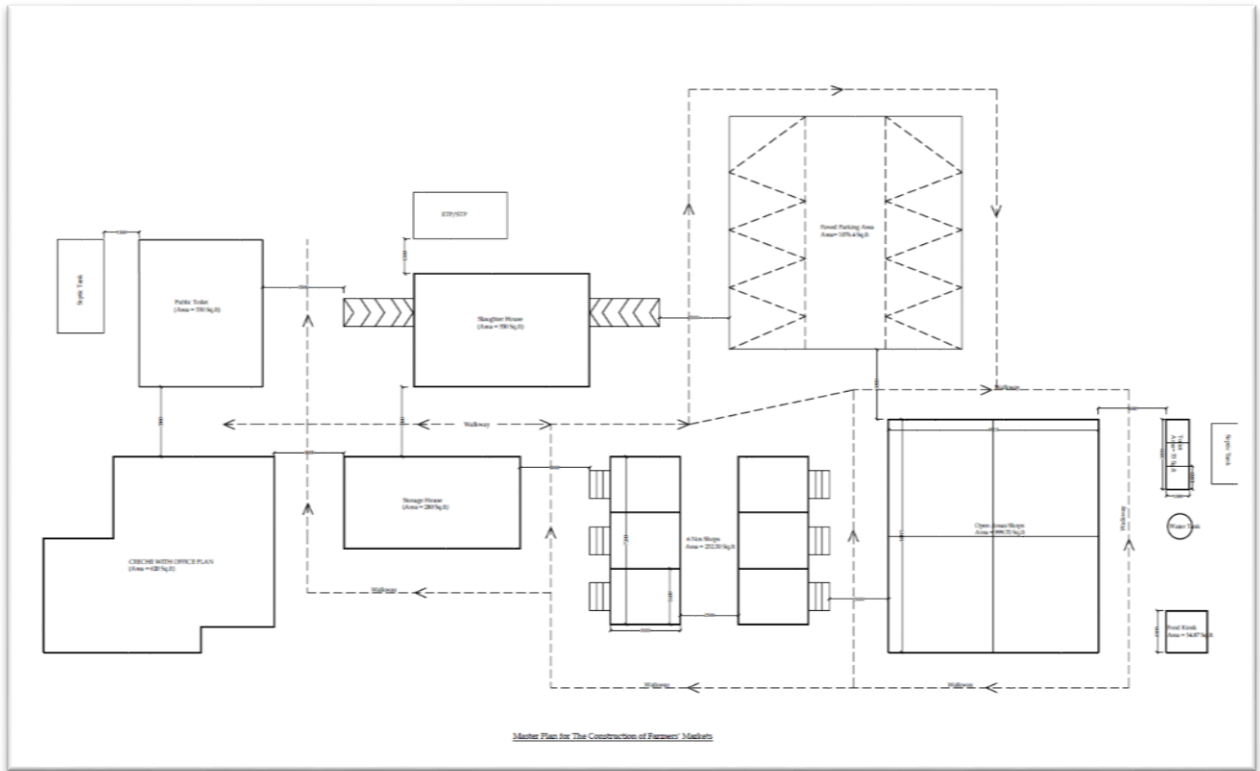
This ESCMP is being developed for the market construction at Mawthylliang (Seinduli), within Mawshynrut Block in West Khasi Hills district. The other details of the location are as follows:

Sl. No.	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
10	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Lat: 25.66831641, Long: 91.13076031,	5	Seinduli - 3 km	Broom, Ginger, Seasonal Vegetables, Livestock

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 and currently 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 Mawthylliang (Seinduli), 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 Poultry, Livestocks, Broom, Ginger, Seasonal Vegetables etc. which are locally produced. The beneficiary villagers are from nearby 5 villages and other tow centre from this area is Iew Sendulili which is 3 Km away

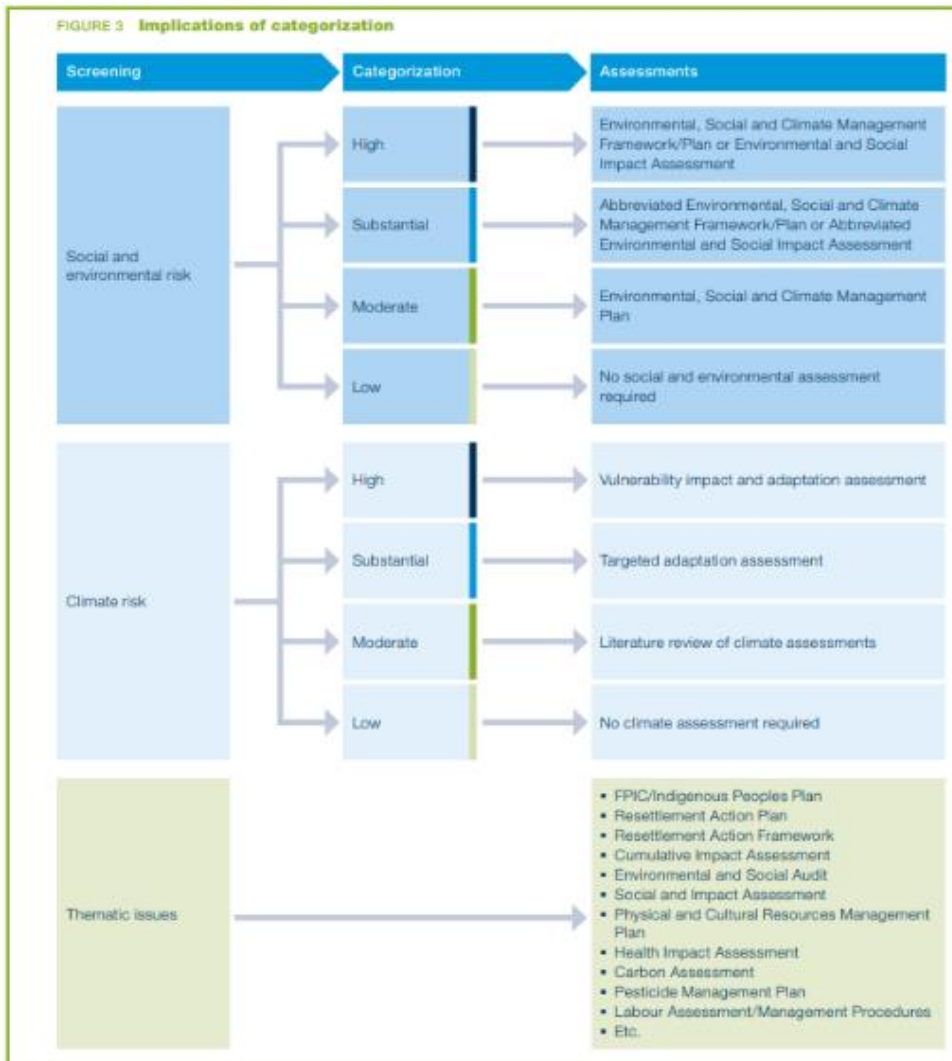
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 19 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 contruction 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

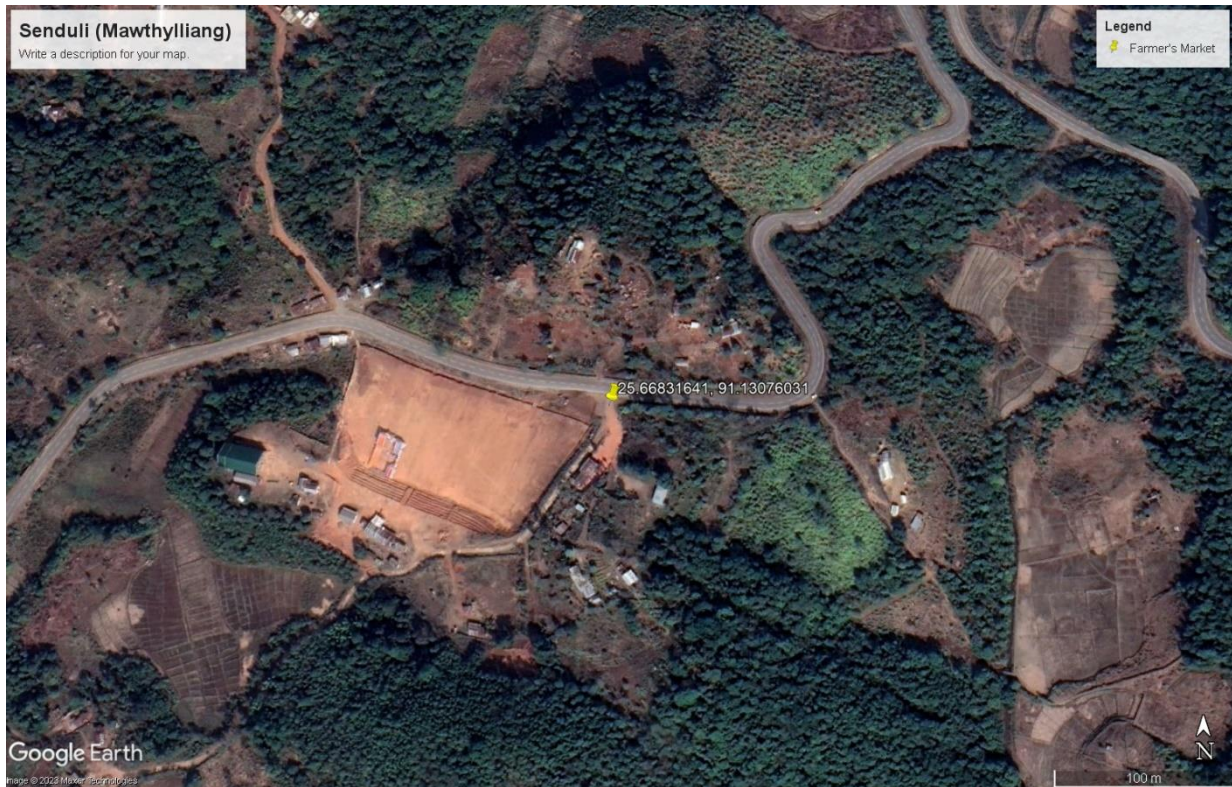
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



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 Mawthylliang (Seinduli), Mawshynrut, 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)	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	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 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.	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	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 29 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 - MLAMP 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.</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 31 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. A small capacity cold storages is already available in the market and more equipment 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 and</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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			<p>natural runoff from rain is already available near the area</p> <p>3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure</p>					
Human Rights	<p>1. Fair labor practices</p> <p>2. Accessibility for all vendors and customers</p>	<p>1. Labor exploitation</p> <p>2. Discrimination</p>	<p>1. Implement fair wage policies</p> <p>2. Ensure market accessibility for people with disabilities</p>	Design costs	Market Committee	<p>1. Labor audits</p> <p>2. Accessibility checks</p>	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
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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:	July 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 Mawthylliang (Seinduli), Mawshynrut 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	Mawshynrut		
Name of the Settlement	Mawthylliang (Seinduli)		
Latitude	25.66831641 N		
Longitude	91.13076031 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: Mawthylliang (Seinduli), Mawshynrut, West Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Mawthylliang (Seinduli), Mawshynrut 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 Mawthylliang (Seinduli), Mawshynrut 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	A flat land where the village has already dedicated for the Market.
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 water harvesting 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 Mawthylliang (Seinduli), Mawshynrut 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 29 deg. C. However, this sub-project also includes a storage facility and cold storage 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 plain 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



Fig: Farmer's market site



Fig: Public consultation

Fig: Site



Project Location : Mawthylliang (Seinduli) farmer's market.



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

SEPTEMBER, 2023

ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT

EXECUTIVE SUMMARY

FOR

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

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Nengkra, Samanda block, East Garo Hills District will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtrai	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

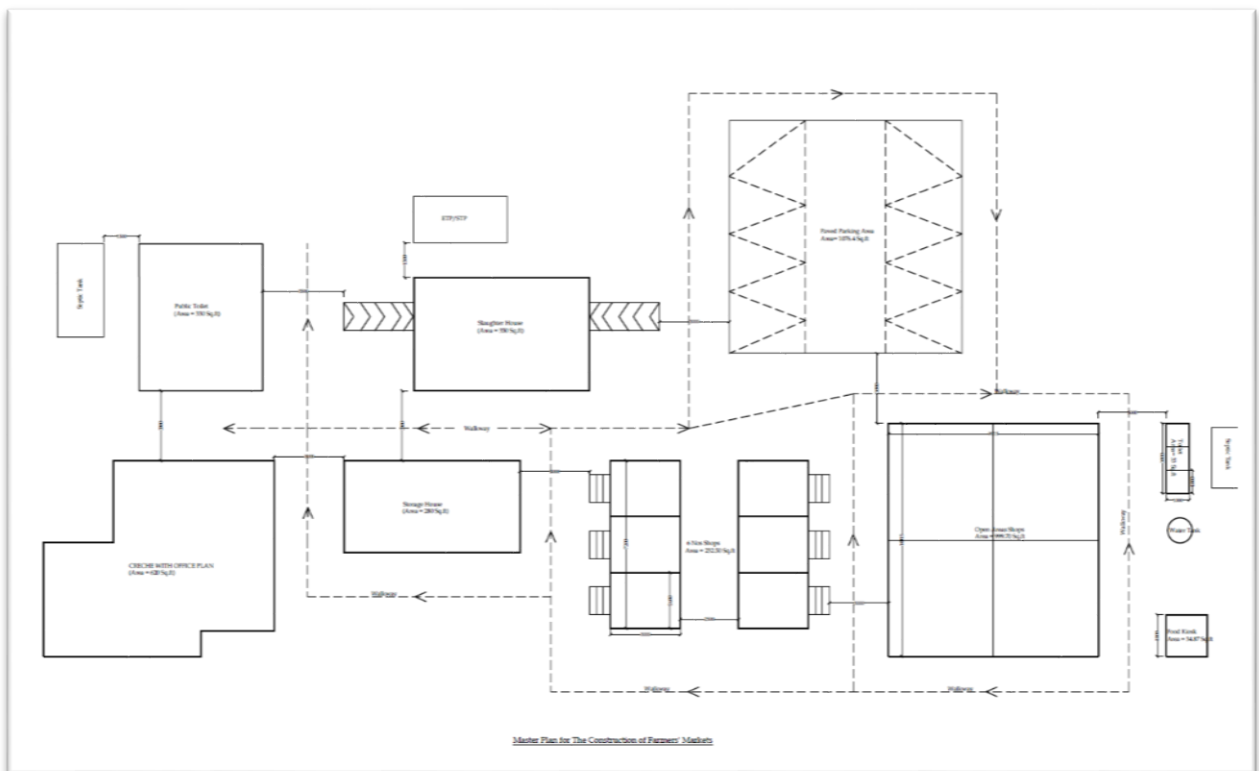
This ESCMP is being developed for the market construction at Nengkra within Samanda Block in East Garo Hills district. The other details of the location are as follows:

Sl. No.	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
10	East Garo Hills	Samanda	Nengkra	Lat: 25.500626 N; Long: 90.688914 E	20	Dobu Market, 2 km	Vegetables, Rice, Fruits like Banana, Pineapple, Orange, Jackfruit, pabelo, Star fruit, Guava etc. Ginger, Turmeric, Meat, Broom Grass, Handcrafted Materials 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 Nengkra, 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 Vegetables, Rice, Fruits like Banana, Pineapple, Orange, Jackfruit, pamele, Star fruit, Guava etc. Ginger, Turmeric, Meat, Broom Grass, Handcrafted Materials etc. which are locally produced. The beneficiary villagers are from nearby 20 villages and other tow centre from this area is Iew Dobu Market which is 2 Km away.

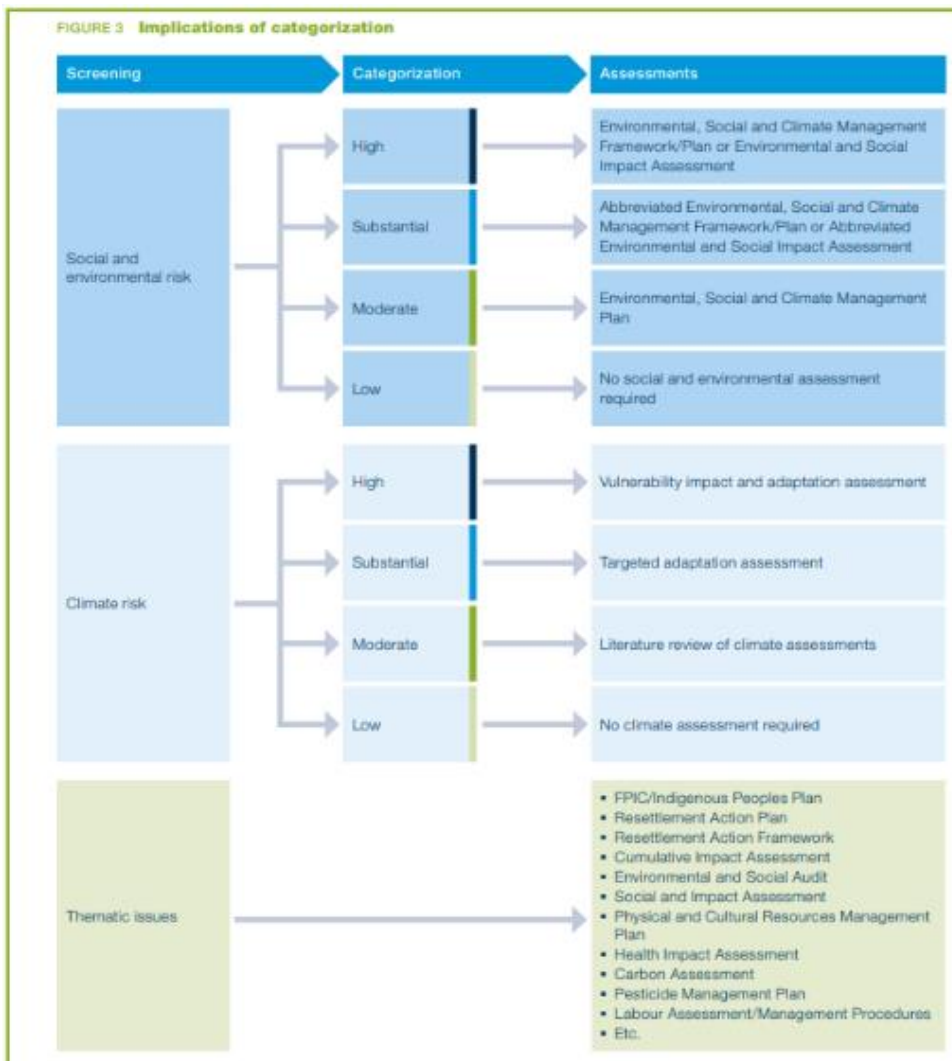
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 19 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

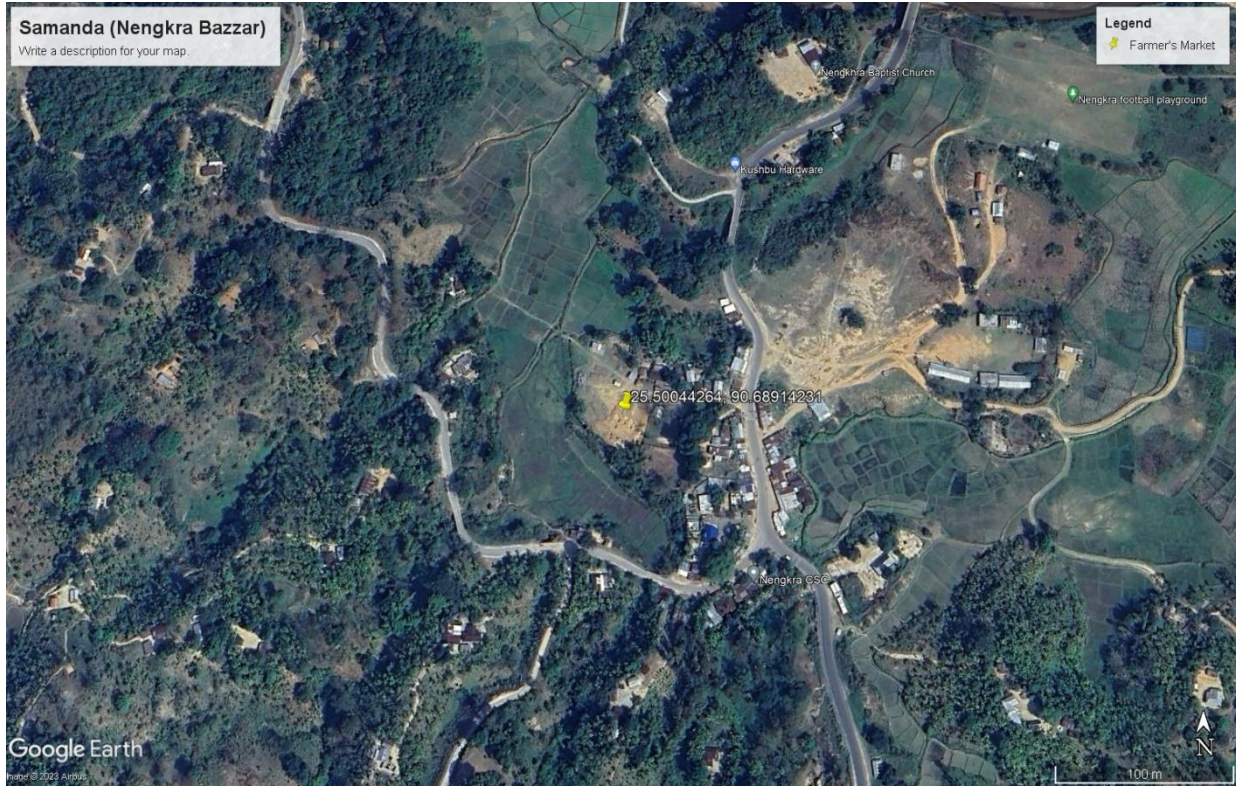
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



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 Nengkra, Samanda, 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:	July 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 Nengkra, 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	Nengkra Bazar		
Latitude	25.500626 N		
Longitude	90.688914 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: Nengkra, Samanda, East Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Nengkra, 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 Nengkra, 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be placed in certain areas in</p>

		<p>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.</p> <p>Storage= 280 Sqft.</p> <p>Public toilet= 330 Sqft.</p> <p>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 Nengkra, 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 plain 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



Fig: Farmer's market site



Fig: Public consultation



Fig: Site



Project Location :Nengkra farmer's market.



**ENVIRONMENT, SOCIAL &
CLIMATE SCREENING REPORT**
SEPTEMBER, 2023

**ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT**

EXECUTIVE SUMMARY

FOR

**PROPOSED FARMER'S MARKET LOCATION AT MOOLANG, KHLIEHRIAT BLOCK, EAST JAINTIA
HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Moolang, Khliehriatblock, East Jaintia HillsDistrict will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtra	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

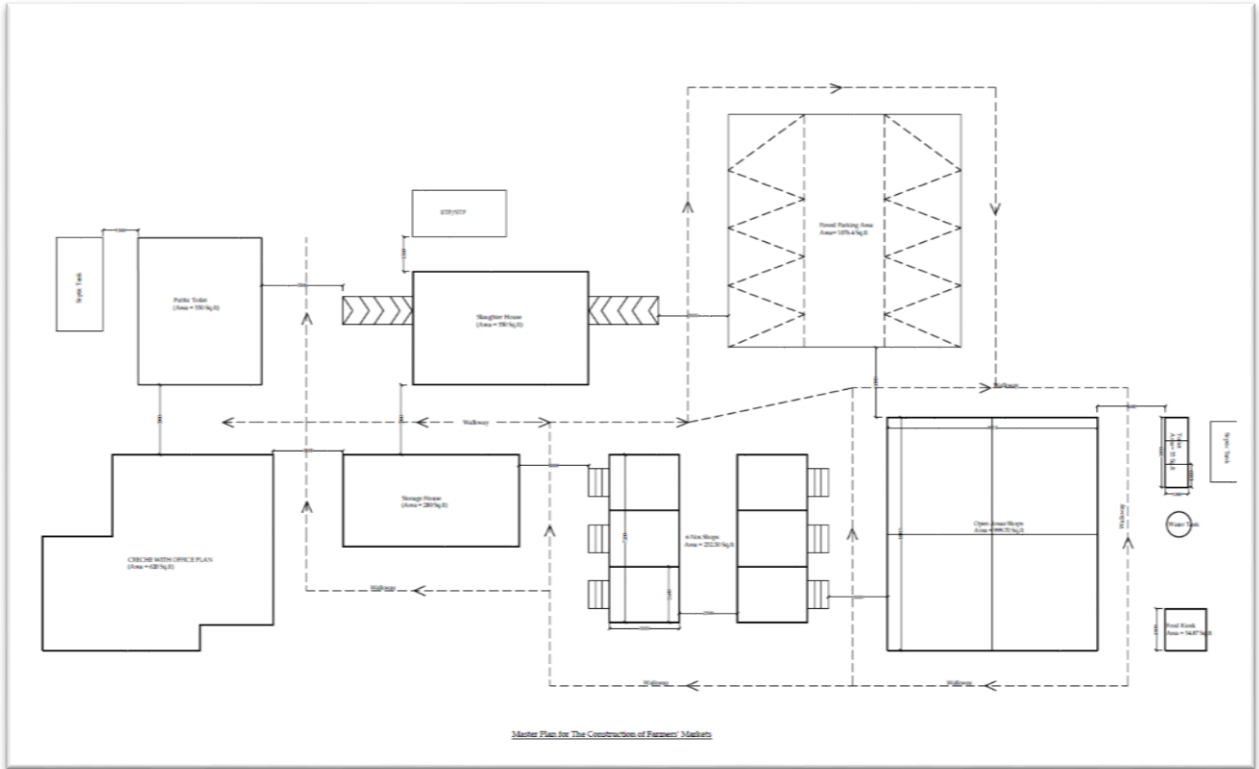
This ESCMP is being developed for the market construction at Moolang within Khliehriat Block in East Jaintia Hills district. The other details of the location are as follows:

Sl. No.	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
10	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m	6	Khliehriat (iaw Pynkat), 18 km	Ginger, Turmeric, Off-season Vegetables, Meat

The area already has a temporary market with ten (10) stalls with no permanent structure and the construction of shops is in-progress through the NEC funding. A flat land where the village has already dedicated for the market and currently 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 Moolang, 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 Ginger, Tumeric, Off-season Vegetables, Meat. etc. which are locally produced. The beneficiary villagers are from nearby 6 villages and other tow centre from this area is Khliehriat which is 18 Km away.

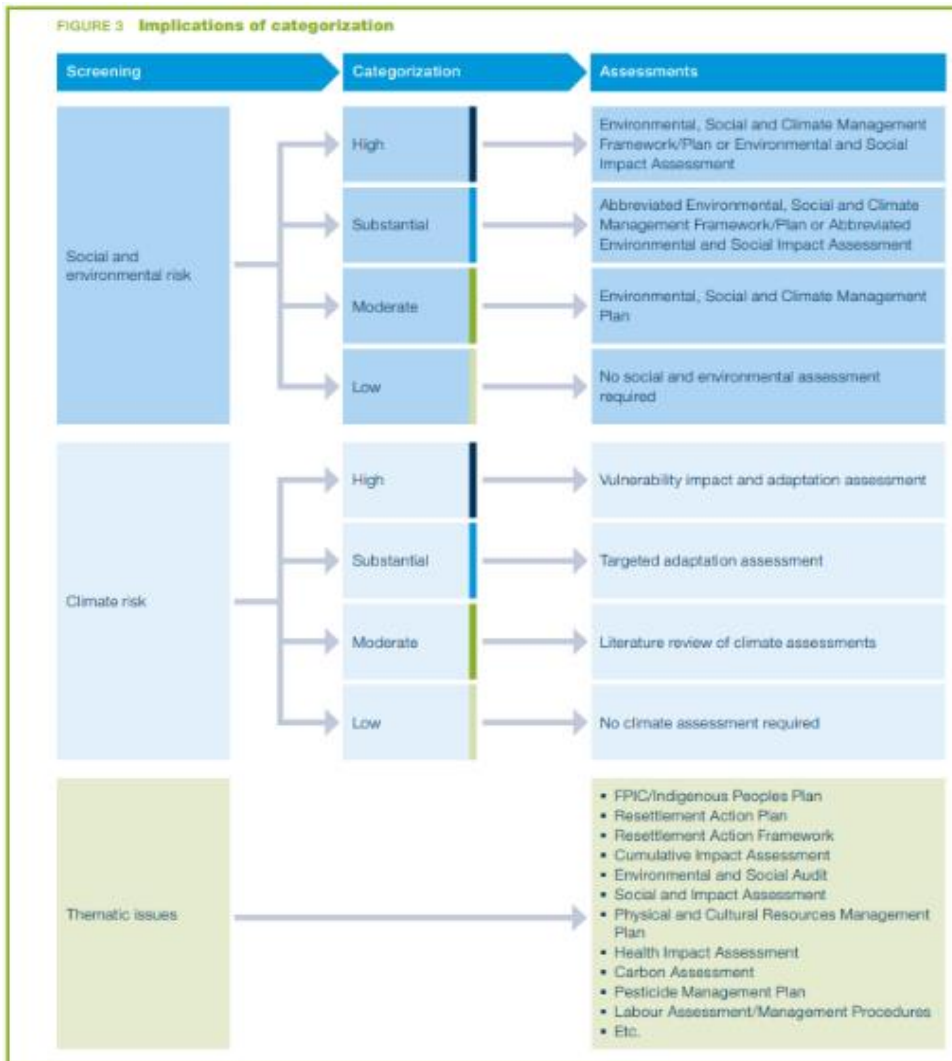
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 19 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 contruction 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

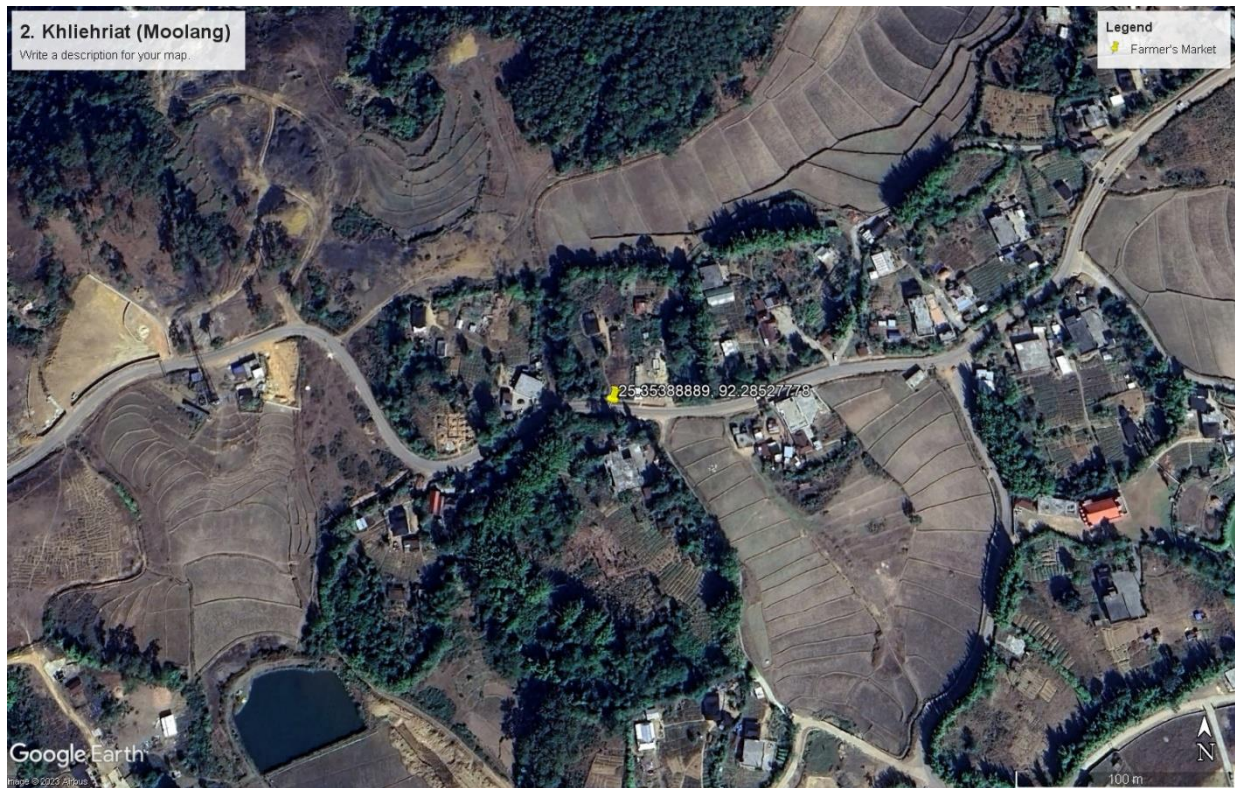
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



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 Moolang, Khliehriat, East 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. 	<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 31 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 - MLAMP 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 31 deg. C 2. Heavy rainfall is expected during the monsoon season	1. Construction of a storage facility is part of the sub-project. A small capacity cold storages is already available in the market and more equipment 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 and	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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			<p>natural runoff from rain is already available near the area</p> <p>3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure</p>					
Human Rights	<p>1. Fair labor practices</p> <p>2. Accessibility for all vendors and customers</p>	<p>1. Labor exploitation</p> <p>2. Discrimination</p>	<p>1. Implement fair wage policies</p> <p>2. Ensure market accessibility for people with disabilities</p>	Design costs	Market Committee	<p>1. Labor audits</p> <p>2. Accessibility checks</p>	DPMU - MBMA Contractor Market Committee	<p>Prior and during the construction phase and after the market is operational</p>

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
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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:	July 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 Moolang, Khliehriat 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 Jaintia Hills		
Name of the Block	Khliehriat		
Name of the Settlement	Moolang		
Latitude	25.354218 N		
Longitude	92.285345 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: Moolang, Khliehriat, East Jaintia Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Moolang, Khliehriat 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 Moolang, Khliehriat 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	A flat land where the village has already dedicated for the Market. No Excavation needed as an already existing small market is already available (10 stall)
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 water harvesting 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be</p>

		<p>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 everyday 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 Moolang, Khliehriat 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 31 deg. C. However, this sub-project also includes a storage facility, there is a small capacity cold storage already installed and more 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 events?		No	This location is not prone to extreme weather 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



Fig: Farmer's market site with cold storage



Fig: Public consultation



Fig: Existing market



Fig: Public consultation

Project Location :Moolang farmer's market.



**ENVIRONMENT, SOCIAL &
CLIMATE SCREENING REPORT**
SEPTEMBER, 2023

**ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT**

EXECUTIVE SUMMARY

FOR

**PROPOSED FARMER'S MARKET LOCATION AT RYMBAI, KHLIEHRIAT BLOCK, EAST JAINTIA
HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Rymbai, Khliehriatblock, East Jaintia HillsDistrict will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtra	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

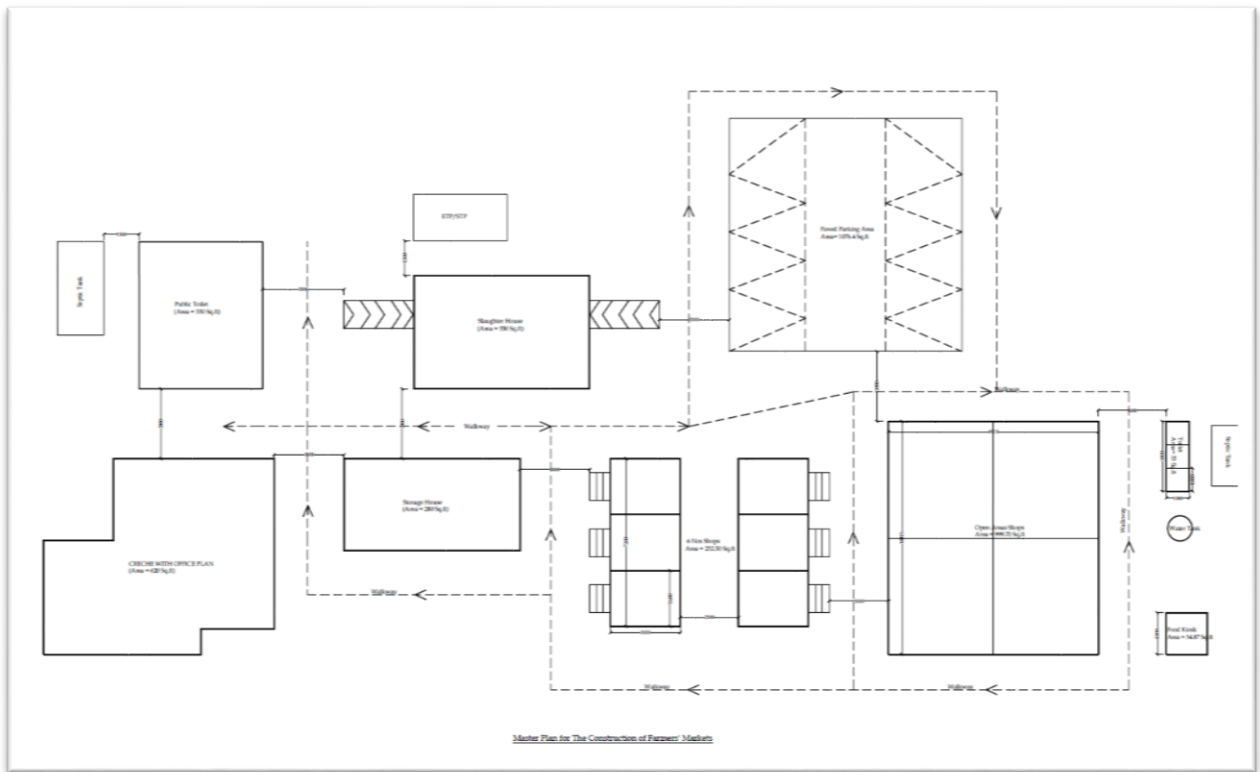
This ESCMP is being developed for the market construction at Rymbai within Saipung Block in East Jaintia Hills district. The other details of the location are as follows:

Sl. No.	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
10	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m	20	Rymbai (iaw Pynsin), 0 km	Off-season Vegetables, Rice, Fruits, Ginger, Turmeric, Meat, Broom Grass, Handcrafted Materials

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. A flat land where the village has already dedicated for the market and currently 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 Rymbai, 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 Ginger, Tumeric, Off-season Vegetables, Meat. etc. which are locally produced. The beneficiary villagers are from nearby 20 villages and other centre from this area is Rymbai (iaw Pynsin).

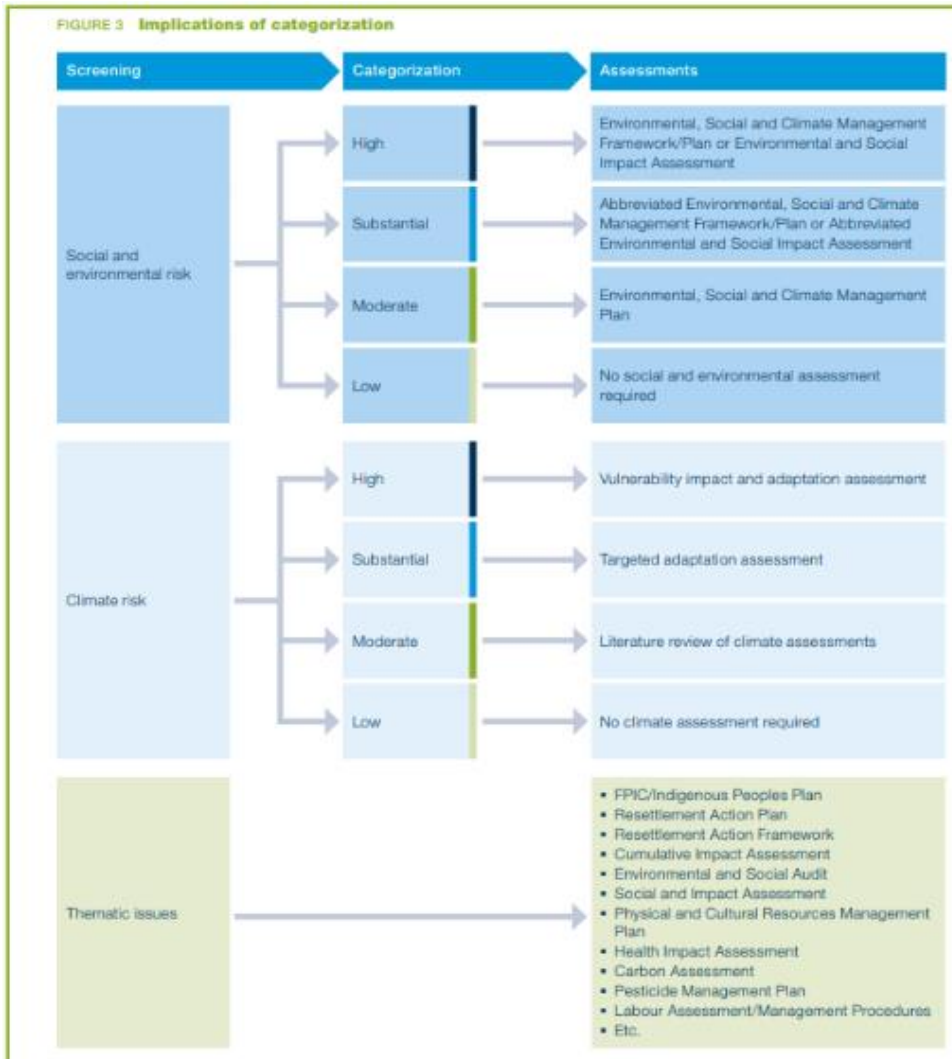
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 19 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 Rymbai, Khliehriat, East 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. 	<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 31 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 - MLAMP 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 31 deg. C 2. Heavy rainfall is expected during the monsoon season	1. Construction of a storage facility is part of the sub-project. A small capacity cold storages is already available in the market and more equipment 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 and	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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			<p>natural runoff from rain is already available near the area</p> <p>3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure</p>					
Human Rights	<p>1. Fair labor practices</p> <p>2. Accessibility for all vendors and customers</p>	<p>1. Labor exploitation</p> <p>2. Discrimination</p>	<p>1. Implement fair wage policies</p> <p>2. Ensure market accessibility for people with disabilities</p>	Design costs	Market Committee	<p>1. Labor audits</p> <p>2. Accessibility checks</p>	DPMU - MBMA Contractor Market Committee	<p>Prior and during the construction phase and after the market is operational</p>

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
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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:	July 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 Rymbai, Khliehriat 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 Jaintia Hills		
Name of the Block	Khliehriat		
Name of the Settlement	Rymbai		
Latitude	25.335461 N		
Longitude	92.322517 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: Rymbai, Khliehriat, East Jaintia Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Rymbai, Khliehriat 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 Rymbai, Khliehriat 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	A flat land where the village has already dedicated for the Market.
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.

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 water harvesting 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. The waste management will be addressed through: 1. Huge dustbins will be

		<p>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 everyday 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 famers 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 Rymbai, Khliehriat 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 31 deg. C. However, this sub-project also includes a storage facility, 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 plain 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



Fig: Farmer's market site



Fig: Public consultation



Fig: Existing market



Fig: Public consultation

Project Location :Rymbai farmer's market.



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

SEPTEMBER, 2023

ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT

EXECUTIVE SUMMARY

FOR

PROPOSED FARMER'S MARKET LOCATION AT Jalaphet Bri Sutnga, SAIPUNG BLOCK, EAST
JAINTIA HILLS DISTRICT

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Jalaphet Bri Sutnga, Saipung, East Jaintia Hills District will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtra	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

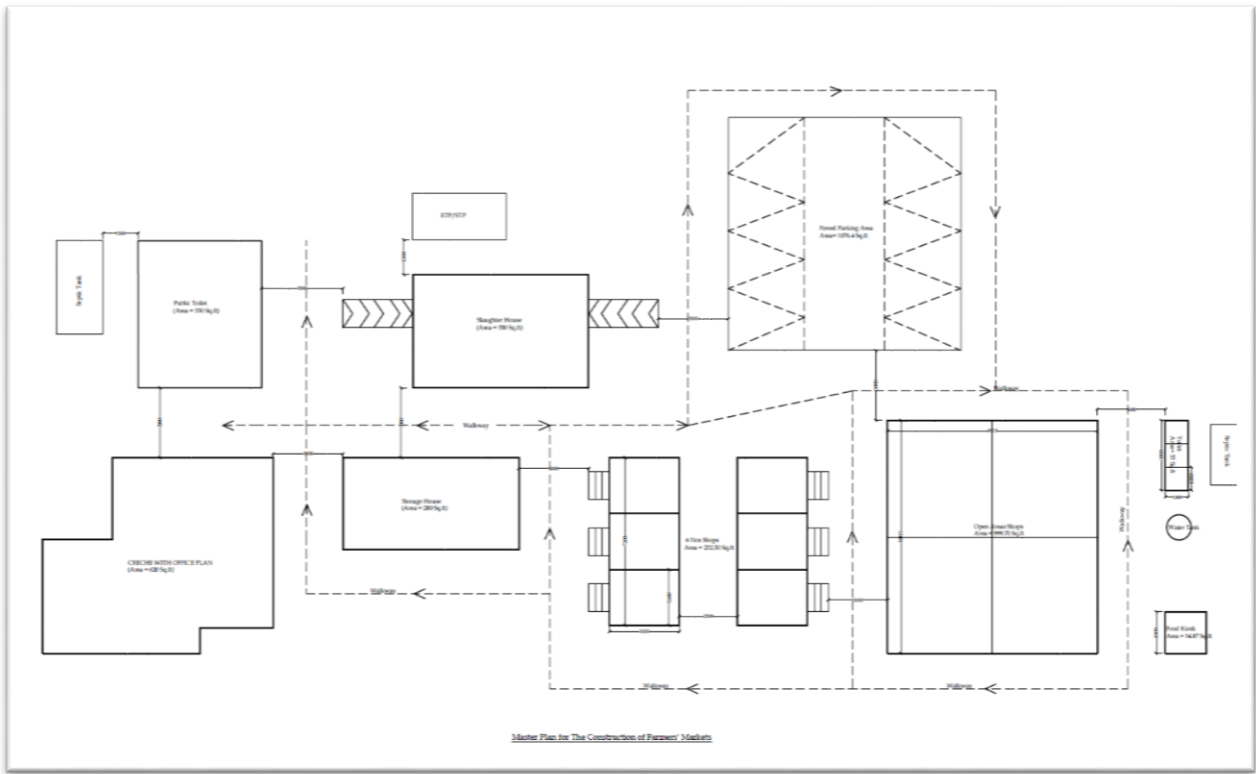
This ESCMP is being developed for the market construction at Shnongrim within Saipung Block in East Jaintia Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
10	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008 , Long:92.4584 10, Ele:1128m	8	Jalaphet Bri Sumer, 3 km	Broomstick, Ginger, Off-season Vegetables

The area already has a barren gentle slope land and the construction of shops is in progress through the NEC funding. The village has already dedicated for the Market and currently 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 Jalaphet Bri Sutnga, 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:

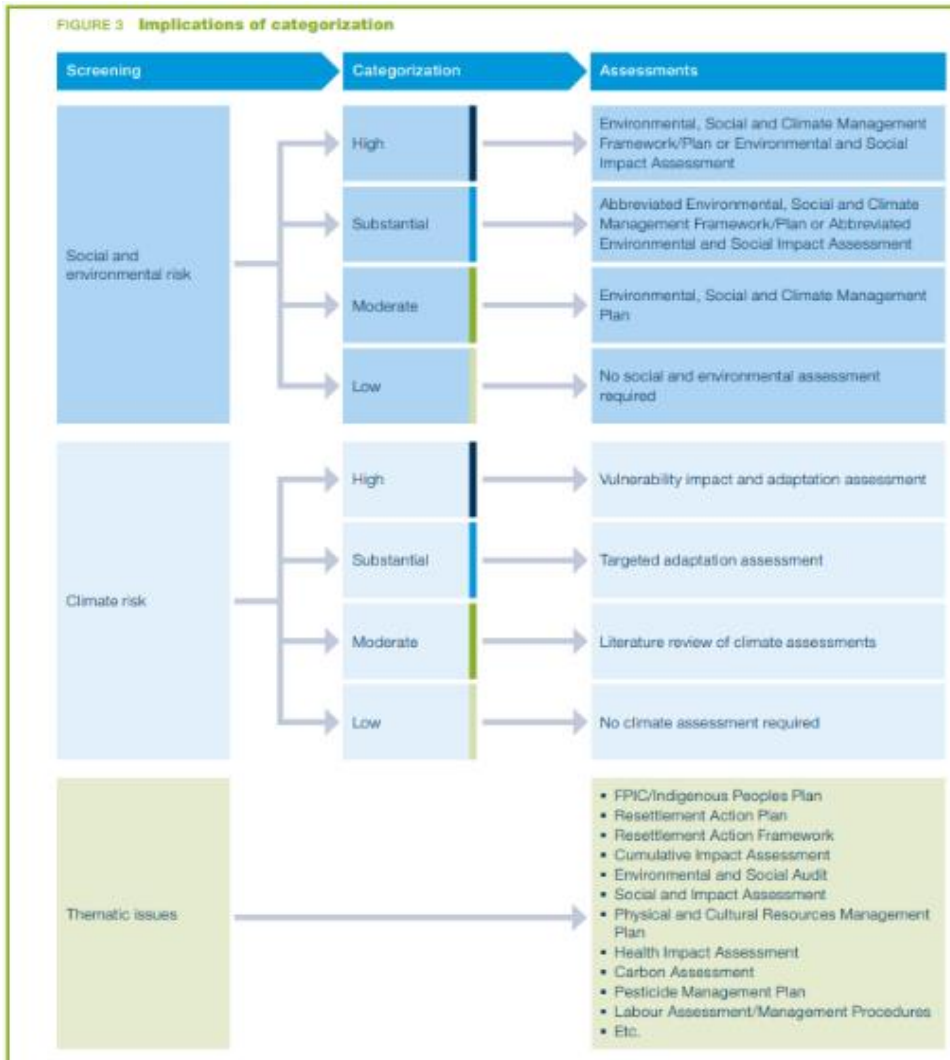
Through this market shade the farmers can sell products like Poultry, Livestocks, Broom, Broomstick, Ginger, Off-season Vegetables etc. which are locally produced. The beneficiary villagers are from nearby 8 villages and other market centre from this area is Jalaphet Bri Sutnga which is 3 Km away

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 19 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 contruction 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 Jalaphet Bri Sutnga, Saipung, East 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)	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	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. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC 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.	1. Assessment on the number of shops and its availability. To increase the number of shops/market space if there are further requirements 2. Availability of the water during the construction	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 31 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 4. The farmers will get market shed to 	<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

				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 - MLAMP 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.</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 31 deg. C 2. Heavy rainfall is expected during the monsoon season	1. Construction of a storage facility is part of the sub-project. A small capacity cold storages is already available in the market and more equipment 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 and	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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			<p>natural runoff from rain is already available near the area</p> <p>3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure</p>					
Human Rights	<p>1. Fair labor practices</p> <p>2. Accessibility for all vendors and customers</p>	<p>1. Labor exploitation</p> <p>2. Discrimination</p>	<p>1. Implement fair wage policies</p> <p>2. Ensure market accessibility for people with disabilities</p>	Design costs	Market Committee	<p>1. Labor audits</p> <p>2. Accessibility checks</p>	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
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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:	July 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 Jalaphet Bri Sutnga, Saipung 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 Jaintia Hills		
Name of the Block	Saipung		
Name of the Settlement	Jalaphet Bri Sutnga		
Latitude	25.402008 N		
Longitude	92.458410 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: Jalaphet Bri Sutnga, Saipung, East Jaintia Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Jalaphet Bri Sutnga, Saipung 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 Jalaphet Bri Sutnga, Khliehriat 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	A flat land where the village has already dedicated for the Market.
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 water harvesting 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be</p>

		<p>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 Jalaphet Bri Sutnga, Saipung 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
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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 31 deg. C. However, this sub-project also includes a storage facility and cold storage 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 plain 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



Fig: Farmer's market site



Fig: Public consultation



4Fig: Site

Project Location : Jalaphet Bri Sutnga farmer's market.



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

SEPTEMBER, 2023

ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT

EXECUTIVE SUMMARY

FOR

PROPOSED FARMER'S MARKET LOCATION AT SAMASI, SAIPUNG BLOCK, EAST JAINTIA HILLS
DISTRICT

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Samasi, Saipung, East Jaintia Hills District will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtrai	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

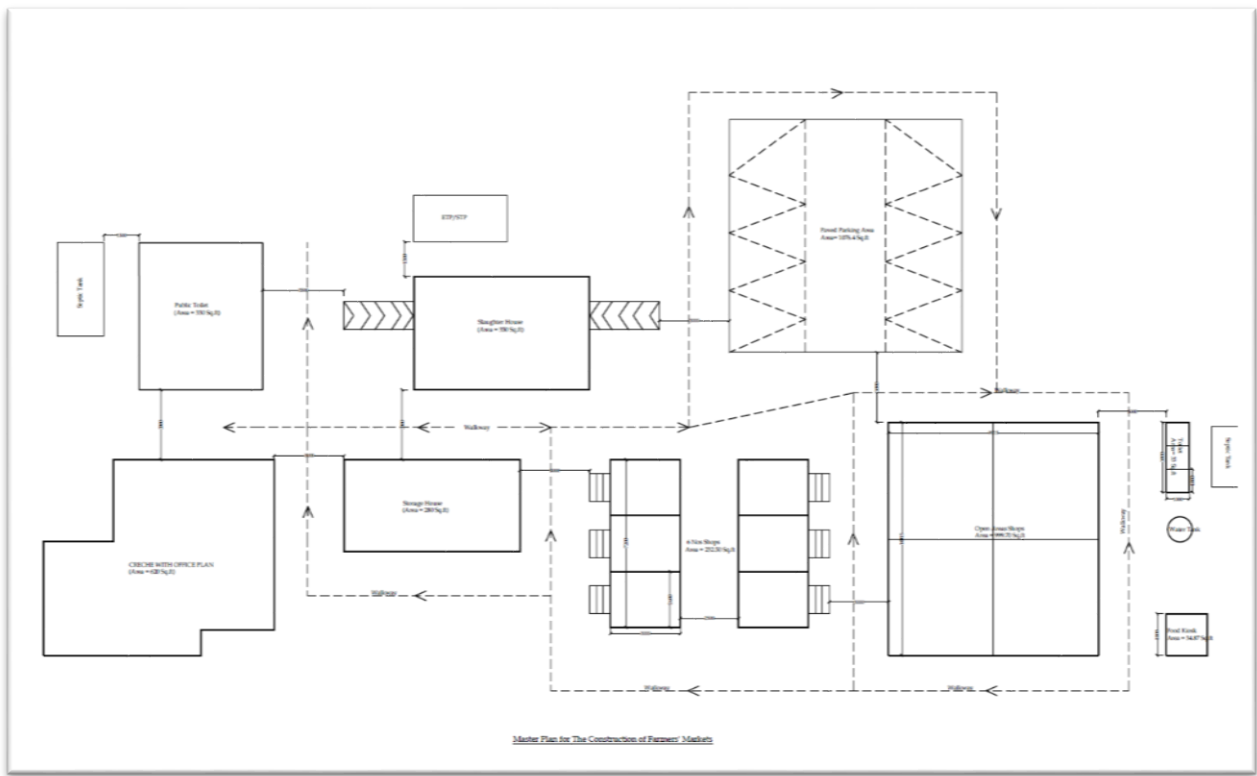
This ESCMP is being developed for the market construction at Samasi within Saipung Block in East Jaintia Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
10	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m	17	Sutnga (Iaw Phyllaw), 26km	Turmeric, Broom grass, Ginger

The area already has a barren gentle slope land where the village has already dedicated for the Market. The area is within the area of the existing Market (30 stall) and currently managed by local bodies. The construction of shops is in-progress through the NEC funding and currently 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 Samasi, 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:

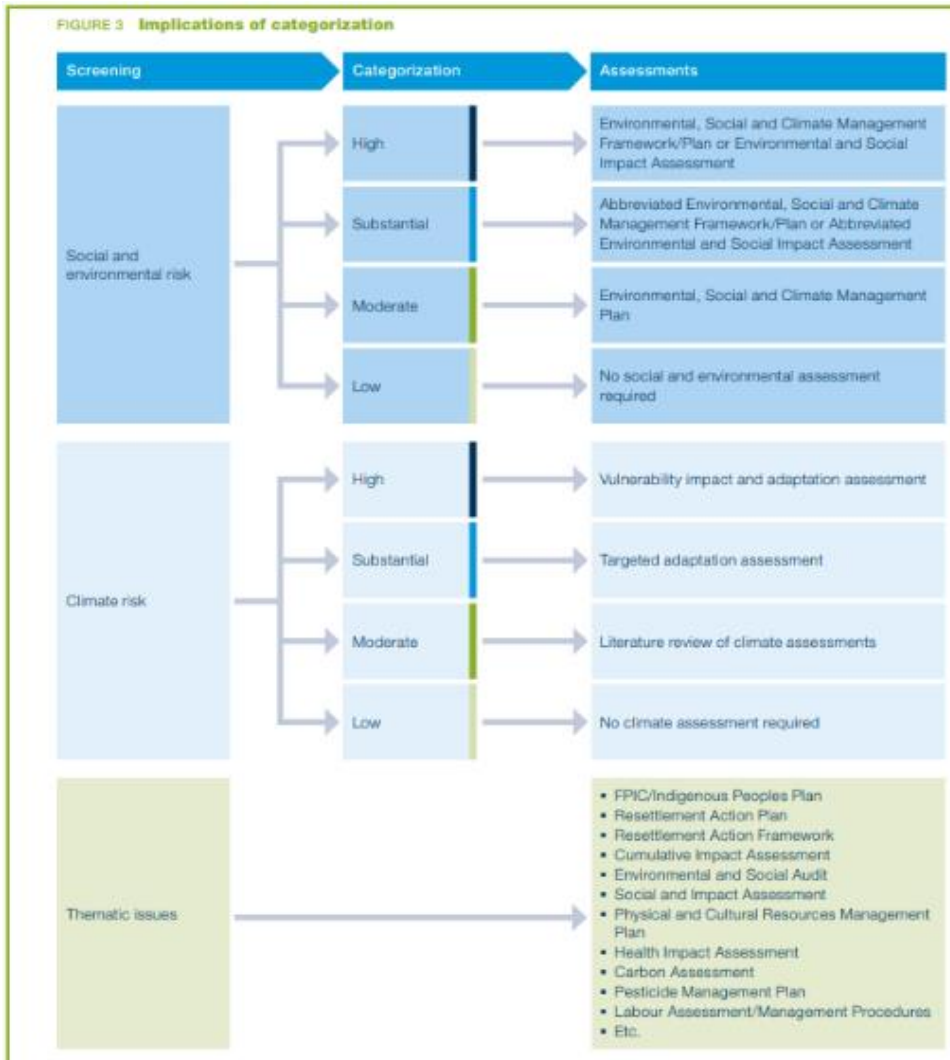
Through this market shade the farmers can sell products like Poultry, Livestocks, Broom, Broomstick, Ginger, Off-season Vegetables etc. which are locally produced. The beneficiary villagers are from nearby 17 villages and other market centre from this area is Sutnga (Iaw Phyllaw) which is 26 Km away

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 19 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

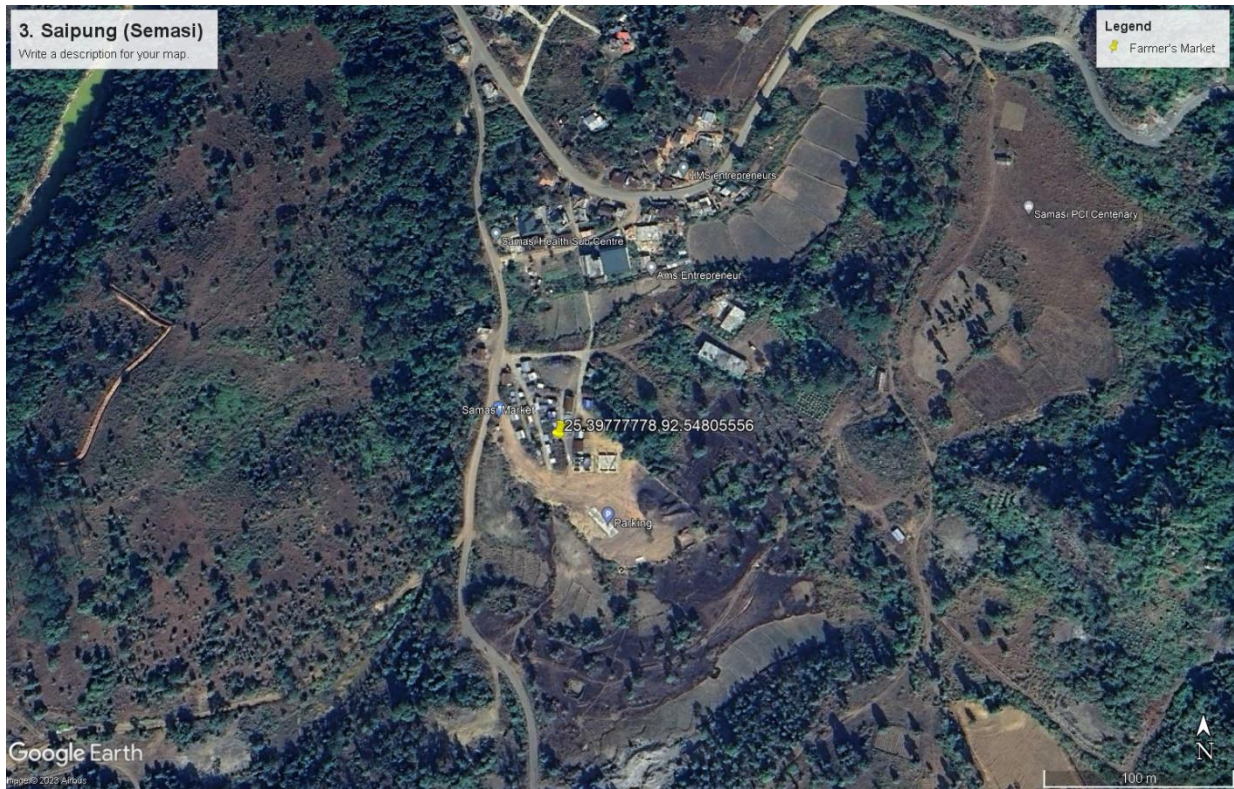
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



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 Samasi, Saipung, East 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 number of shops and its availability. To increase the number of shops/market space if there are further requirements 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 31 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 4. The farmers will get market shed to 	<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

				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 - MLAMP 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	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.</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 31 deg. C 2. Heavy rainfall is expected during the monsoon season	1. Construction of a storage facility is part of the sub-project. A small capacity cold storages is already available in the market and more equipment 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 and	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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			<p>natural runoff from rain is already available near the area</p> <p>3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure</p>					
Human Rights	<p>1. Fair labor practices</p> <p>2. Accessibility for all vendors and customers</p>	<p>1. Labor exploitation</p> <p>2. Discrimination</p>	<p>1. Implement fair wage policies</p> <p>2. Ensure market accessibility for people with disabilities</p>	Design costs	Market Committee	<p>1. Labor audits</p> <p>2. Accessibility checks</p>	DPMU – MBMA Market Committee	<p>Prior and during the construction phase and after the market is operational</p>

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
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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:	July 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 Samasi, Saipung 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 Jaintia Hills		
Name of the Block	Saipung		
Name of the Settlement	Samasi		
Latitude	25.397710 N		
Longitude	92.548096 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: Samasi, Saipung, East Jaintia Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Samasi, Saipung 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 Samasi, Khliehriat 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	A flat land where the village has already dedicated for the Market.
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 water harvesting 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be</p>

		<p>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 everyday 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 famers 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 Samasi, Saipung 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 31 deg. C. However, this sub-project also includes a storage facility and cold storage 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 plain 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



Fig: Farmer's market site



Fig: Public consultation



Fig: Site



Project Location :Samasi farmer's market.



**ENVIRONMENT, SOCIAL &
CLIMATE SCREENING REPORT**
SEPTEMBER, 2023

**ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT**

EXECUTIVE SUMMARY

FOR

**PROPOSED FARMER'S MARKET LOCATION AT SHONGRIM, SAIPUNG BLOCK, EAST JAINTIA
HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Shnongrim, Saipung, East Jaintia Hills District will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtra	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify 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 Shnongrim within Saipung Block in East Jaintia Hills district. The other details of the location are as follows:

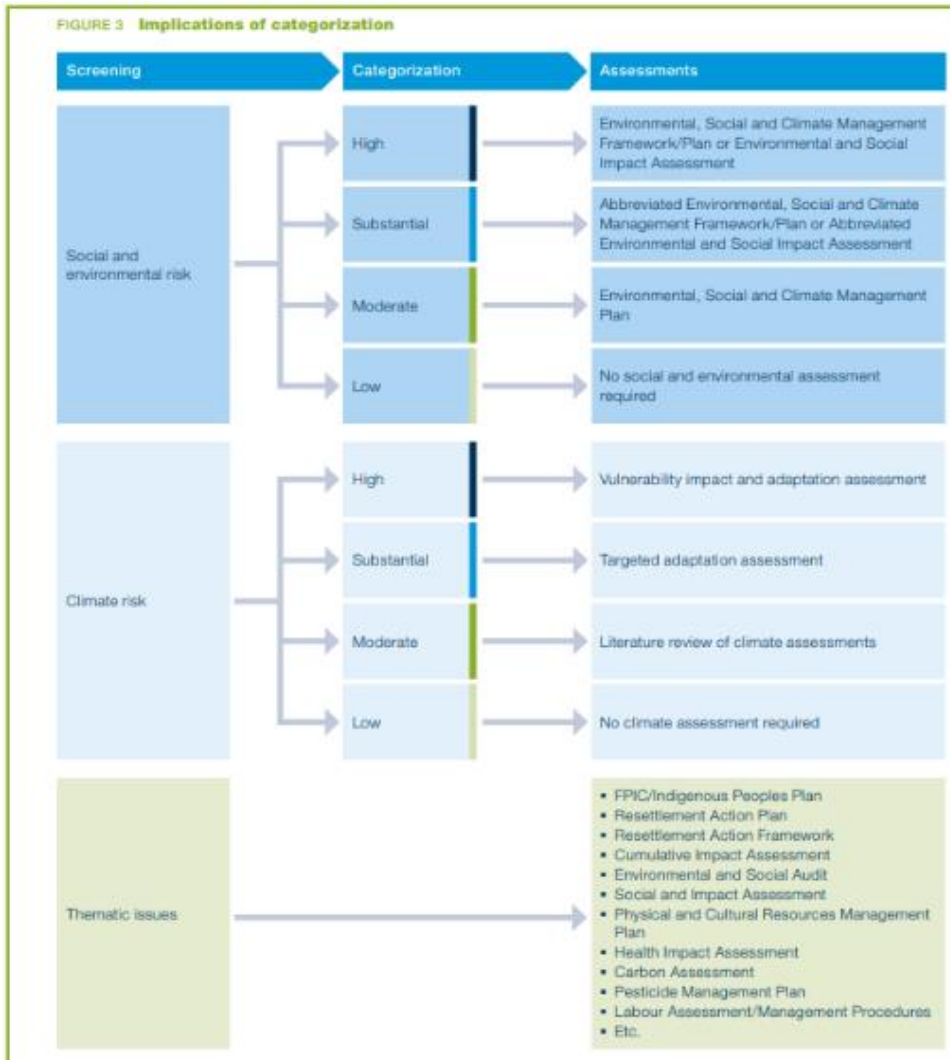
Sl. No	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
10	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m	20	Sutnga (Iaw Phyllaw), 26km	Broomstick and Ginger

The area already has a barren gentle slope land where the village has already dedicated for the Market and the construction of shops is in-progress through the NEC funding and currently 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

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 Shnongrim, Saipung, East 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 31 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 - MLAMP 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.</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 31 deg. C 2. Heavy rainfall is expected during the monsoon season	1. Construction of a storage facility is part of the sub-project. A small capacity cold storages is already available in the market and more equipment 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 and	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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			<p>natural runoff from rain is already available near the area</p> <p>3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure</p>					
Human Rights	<p>1. Fair labor practices</p> <p>2. Accessibility for all vendors and customers</p>	<p>1. Labor exploitation</p> <p>2. Discrimination</p>	<p>1. Implement fair wage policies</p> <p>2. Ensure market accessibility for people with disabilities</p>	Design costs	Market Committee	<p>1. Labor audits</p> <p>2. Accessibility checks</p>	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
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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:	July 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 Shnongrim, Saipung 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 Jaintia Hills		
Name of the Block	Saipung		
Name of the Settlement	Shnongrim		
Latitude	25.350450 N		
Longitude	92.511301 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: Shnongrim, Saipung, East Jaintia Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Shnongrim, Saipung 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 Shnongrim, Khliehriat 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	A flat land where the village has already dedicated for the Market.
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 water harvesting 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be</p>

		<p>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 Shnongrim, Saipung 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 31 deg. C. However, this sub-project also includes a storage facility and cold storage 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 plain 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



Fig: Farmer's market site



Fig: Public consultation



Fig: Site



Fig: Public consultation

Project Location :Shnongrim farmer's market.



**ENVIRONMENT, SOCIAL &
CLIMATE SCREENING REPORT**
SEPTEMBER, 2023

**ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT**

EXECUTIVE SUMMARY

FOR

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

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Lwai, Mawphlang, 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtrai	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

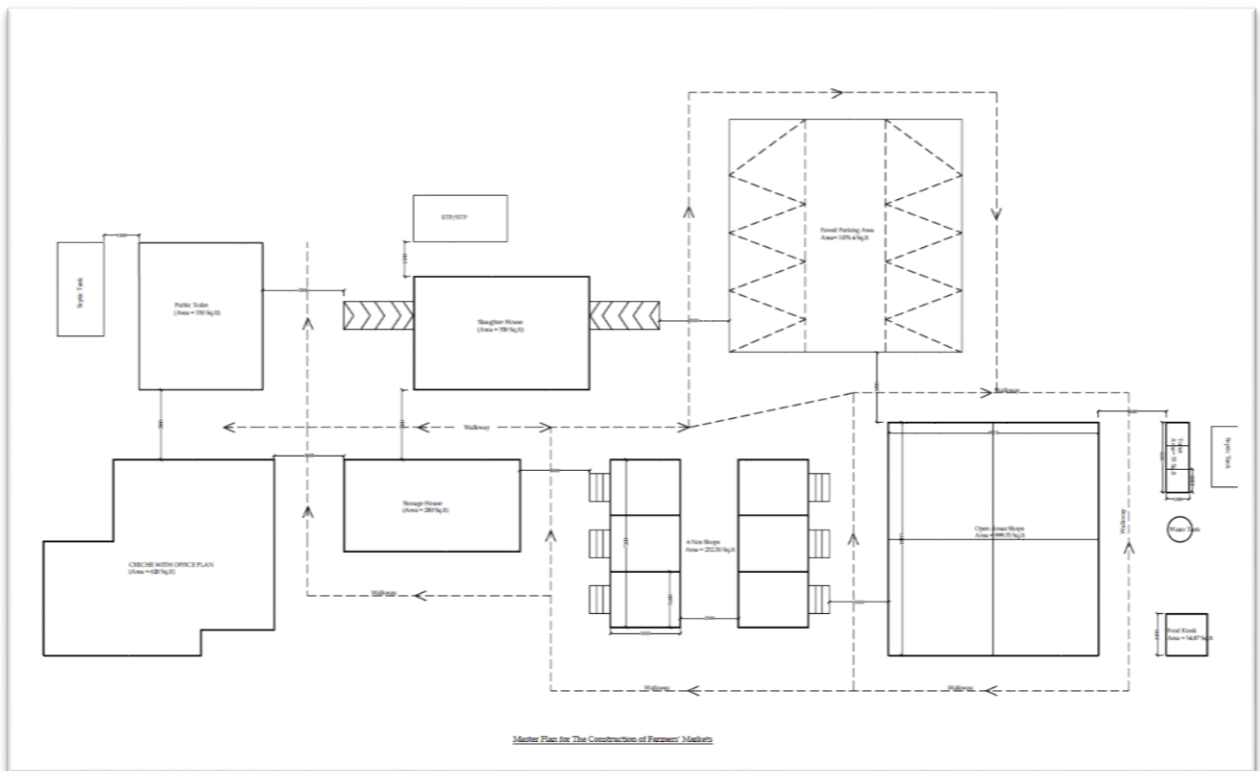
This ESCMP is being developed for the market construction at Lwai within Mawphlang Block in East Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
10	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m	17	Mawngap, 4 KM	Potato, OSV, Ginger, Cattle

The area already has a barren gentle slope land where the village has already dedicated for the Market and currently managed by local bodies and the construction of shops is in-progress through the NEC funding. 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 Lwai, 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:

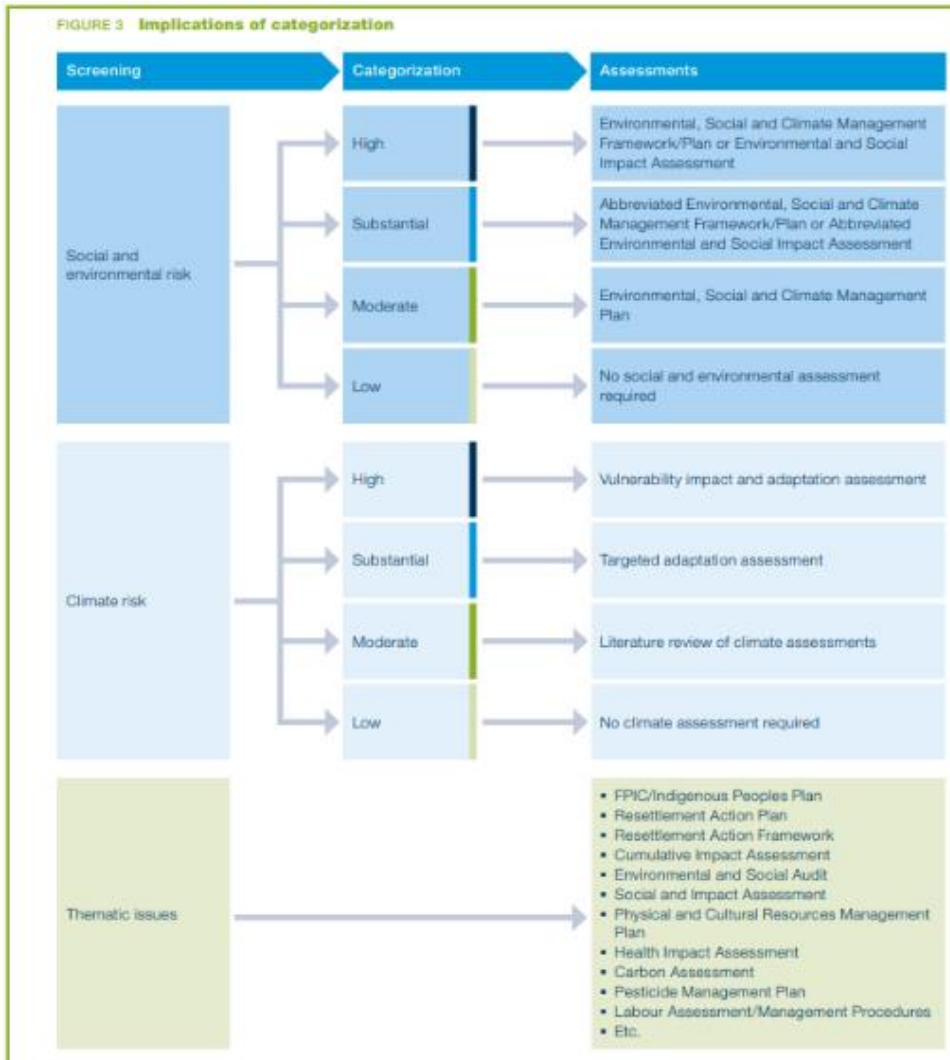
Through this market shade the farmers can sell products like Poultry, Livestocks, Broom, Seasonal Vegetables, Potato, OSV, Ginger, Cattle, etc etc. which are locally produced. The beneficiary villagers are from nearby 17 villages and other from this area is Iew Mawngap which is 4 Km away

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 19 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 Lwai, 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)	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	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 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.	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	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 29 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 - MLAMP 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.</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 31 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. A small capacity cold storages is already available in the market and more equipment 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 and</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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			<p>natural runoff from rain is already available near the area</p> <p>3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure</p>					
Human Rights	<p>1. Fair labor practices</p> <p>2. Accessibility for all vendors and customers</p>	<p>1. Labor exploitation</p> <p>2. Discrimination</p>	<p>1. Implement fair wage policies</p> <p>2. Ensure market accessibility for people with disabilities</p>	Design costs	Contractor Market Committee	<p>1. Labor audits</p> <p>2. Accessibility checks</p>	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
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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:	July 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 Lwai, 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	Lwai		
Latitude	25.484426 N		
Longitude	91.748115 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: Lwai, Mawphlang, East Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Lwai, 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 Lwai,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	A flat land where the village has already dedicated for the Market.
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 water harvesting 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be</p>

		<p>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 Lwai, 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

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 29 deg. C. However, this sub-project also includes a storage facility and cold storage 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 plain 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



Fig: Lwai market location



Fig: Public consultation



Project Location : Lwai farmer's market.



**ENVIRONMENT, SOCIAL &
CLIMATE SCREENING REPORT**
SEPTEMBER, 2023

**ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT**

EXECUTIVE SUMMARY

FOR

**PROPOSED FARMER'S MARKET LOCATION AT LAWMEI, MYLLIEM BLOCK, EAST KHASI HILLS
DISTRICT**

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Lawmei, Myllem, 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtra	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

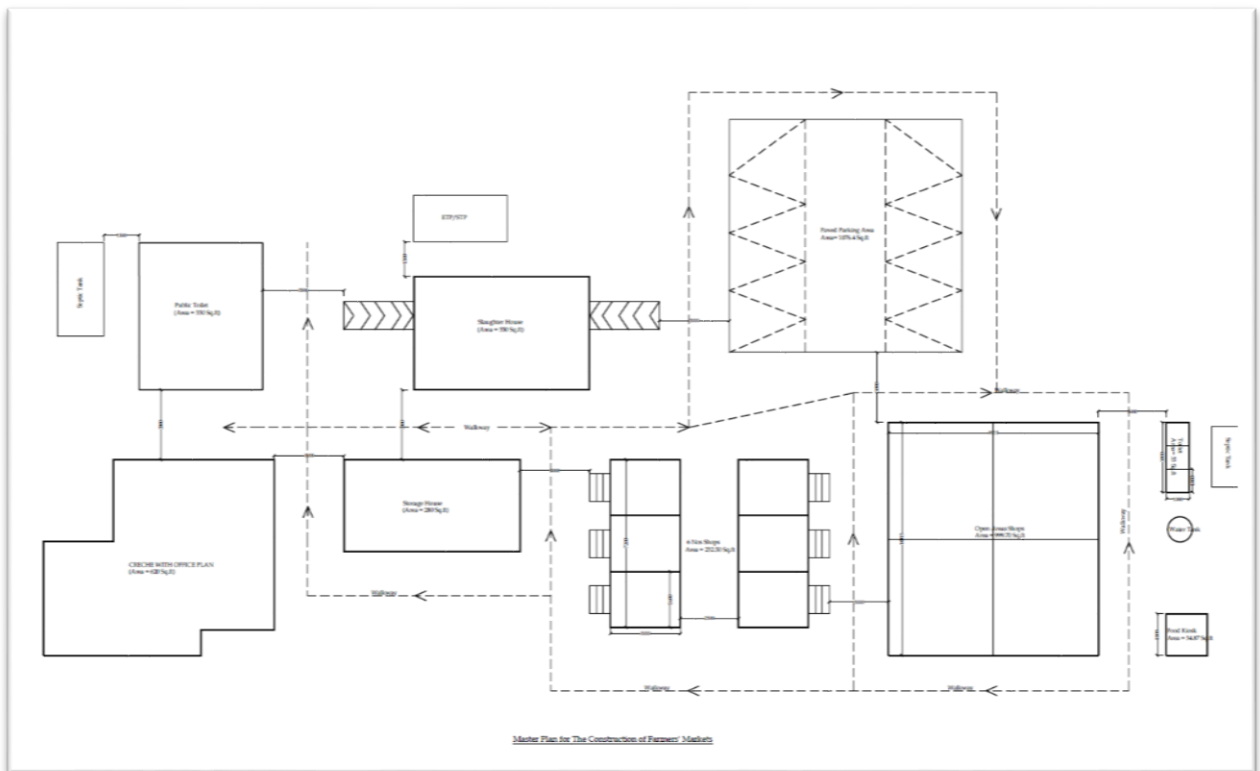
This ESCMP is being developed for the market construction at Lawmei within Mylliem Block in East Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
10	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m	20	Iew Krang Nonglum - 3 Kms	OSV, Ginger

The area already has a barren gentle slope land where the village has already dedicated for the Market and currently managed by local bodies and the construction of shops is in-progress through the NEC funding. 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 Lawmei, 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:

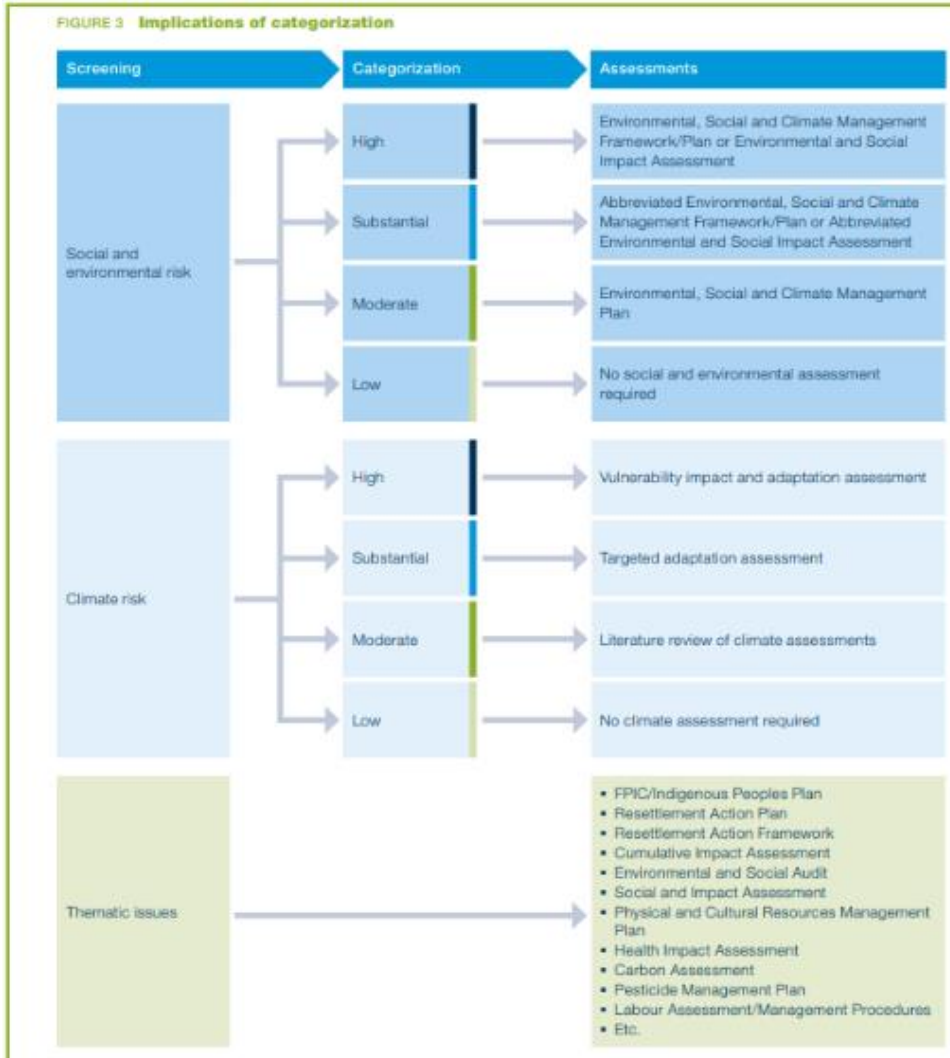
Through this market shade the farmers can sell products like Poultry, Livestocks, Broom, Ginger, Seasonal Vegetables etc. which are locally produced. The beneficiary villagers are from nearby 20 villages and other tow centre from this area is Iew Krang Nonglum - 3 Kms

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 19 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 Lawmei, Myllem, 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 29 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 - MLAMP 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.</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 31 deg. C 2. Heavy rainfall is expected during the monsoon season	1. Construction of a storage facility is part of the sub-project. A small capacity cold storages is already available in the market and more equipment 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 and	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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			<p>natural runoff from rain is already available near the area</p> <p>3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure</p>					
Human Rights	<p>1. Fair labor practices</p> <p>2. Accessibility for all vendors and customers</p>	<p>1. Labor exploitation</p> <p>2. Discrimination</p>	<p>1. Implement fair wage policies</p> <p>2. Ensure market accessibility for people with disabilities</p>	Design costs	Market Committee	<p>1. Labor audits</p> <p>2. Accessibility checks</p>	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
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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:	July 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 Lawmei, Myllichem 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	Myllichem		
Name of the Settlement	Lawmei		
Latitude	5.581433 N		
Longitude	91.786553 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: Lawmei, Myllichem, East Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Lawmei, Myllichem 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 Lawmei, Myllichem 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	A flat land where the village has already dedicated for the Market.
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 water harvesting 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: 1. Huge dustbins will be</p>

		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		
11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria? - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m ³ reservoir capacity; or - incoming flood of more than 2,000 m ³ /s (Guidance statement 8)	No	This construction is related to Farmers Market and does not involve any reservoirs
12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)? ⁶³ (Guidance statement 7)	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

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
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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 Lawmei, Myllem 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 29 deg. C. However, this sub-project also includes a storage facility and cold storage 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 plain 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



Fig: Lawmei farmer's market location



Fig: Lawmei farmer's market location



Fig: Lawmei farmer's market site visit

Project Location : Lawmei farmer's market.



**ENVIRONMENT, SOCIAL &
CLIMATE SCREENING REPORT**
SEPTEMBER, 2023

**ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT**

EXECUTIVE SUMMARY

FOR

**PROPOSED FARMER'S MARKET LOCATION AT Umthlong Kharmuti, MAIRANG BLOCK,
EASTERN WEST KHASI HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Umthlong Kharmuti, Mairang, Eastern West Khasi Hills District will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtrai	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

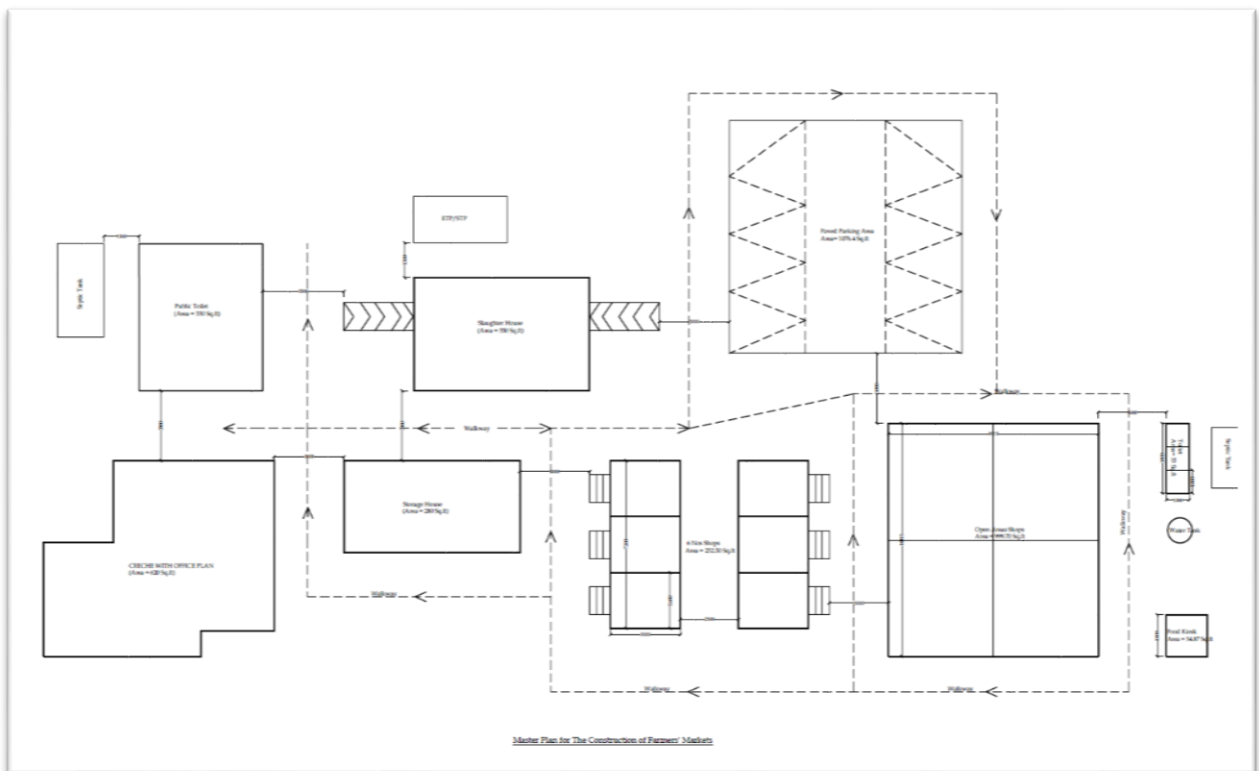
This ESCMP is being developed for the market construction at Lawmei within Myllem Block in East Khasi Hills district. The other details of the location are as follows:

Sl. No.	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
10	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude : 25.557431 Longitude: 91.726054	8	Sohiong Market - 10kms, Mairang Market - 15kms	Seasonal Vegetables, Livestock, Seasonal Fruits

The area already has a barren gentle slope land where the village has already dedicated for the Market and currently managed by local bodies and the construction of shops is in-progress through the NEC funding. 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 Umthlong Kharmuti, 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 Poultry, Livestocks, Broom, Ginger, Seasonal Vegetables, Seasonal fruits etc. which are locally produced. The beneficiary villagers are from nearby 8 villages and close to market centre Sohiong Market - 10kms, Mairang Market -15kms.

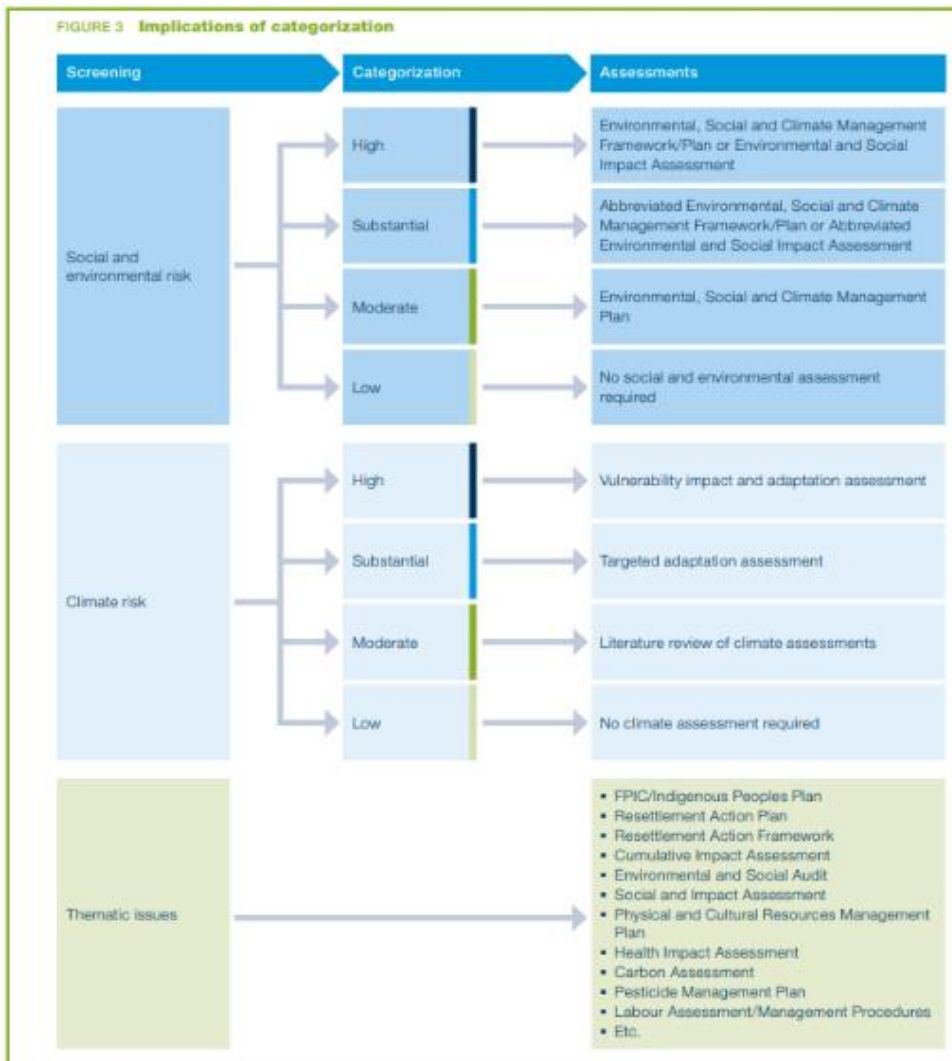
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 19 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 Umthlong Kharmuti, Mairang, Eastern West 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 29 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 - MLAMP 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.</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 31 deg. C 2. Heavy rainfall is expected during the monsoon season	1. Construction of a storage facility is part of the sub-project. A small capacity cold storages is already available in the market and more equipment 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 and	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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			<p>natural runoff from rain is already available near the area</p> <p>3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure</p>					
Human Rights	<p>1. Fair labor practices</p> <p>2. Accessibility for all vendors and customers</p>	<p>1. Labor exploitation</p> <p>2. Discrimination</p>	<p>1. Implement fair wage policies</p> <p>2. Ensure market accessibility for people with disabilities</p>	Design costs	Market Committee	<p>1. Labor audits</p> <p>2. Accessibility checks</p>	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
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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:	July 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 Umthlong Kharmuti, Mairang 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	Eastern Khasi Hills		
Name of the Block	Mairang		
Name of the Settlement	Umthlong Kharmuti		
Latitude	25.557431 N		
Longitude	91.726054 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: Umthlong Kharmuti, Mairang, Eastern West Khasi Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Umthlong Kharmuti, Mairang 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 Umthlong Kharmuti, Mairang 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	A flat land where the village has already dedicated for the Market.
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 water harvesting 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be</p>

		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		
11. Does the project include the construction/ rehabilitation/upgrade of dam(s) and/or reservoir(s) meeting at least one of the following criteria? - more than 15-metre-high wall; - more than 500-metre-long crest; - more than 3 million m ³ reservoir capacity; or - incoming flood of more than 2,000 m ³ /s (Guidance statement 8)	No	This construction is related to Farmers Market and does not involve any reservoirs
12. Does the project involve large-scale irrigation schemes rehabilitation and/or development (more than 100 hectares per scheme)? ⁶³ (Guidance statement 7)	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

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
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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 Umthlong Kharmuti, Mairang 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 29 deg. C. However, this sub-project also includes a storage facility and cold storage 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 plain 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



Fig: Farmer's market site



Fig: Public consultation



Fig: Site



Project Location : Umthlong Kharmuti farmer's market.



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

SEPTEMBER, 2023

ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT

EXECUTIVE SUMMARY

FOR

PROPOSED FARMER'S MARKET LOCATION AT GOKUL, BAJENGDOBA BLOCK, NORTH GARO
HILLS DISTRICT

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Gokul, Bajengdoba block, North Garo Hills District will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtrai	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

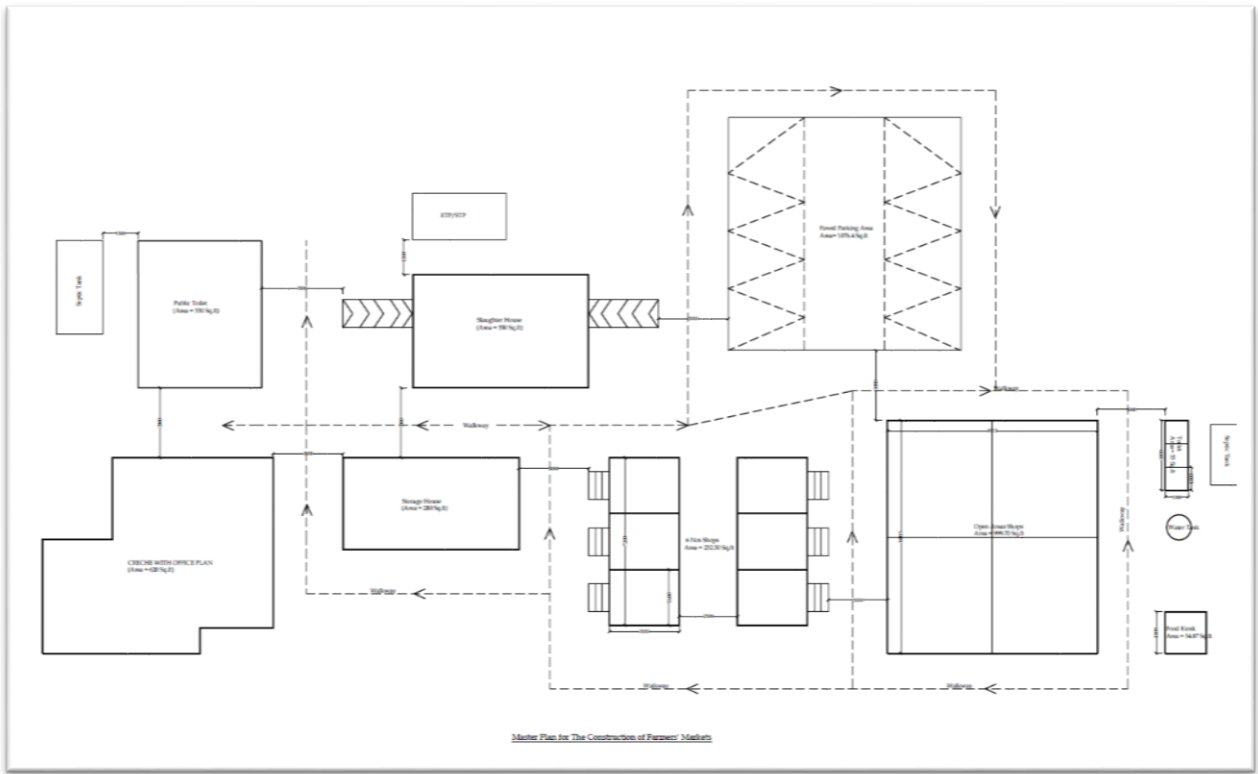
This ESCMP is being developed for the market construction at Gokul within Bajengdoba Block in North Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418 , Longitude:90.452482 ,Elevation:74.93+10m	53	RARI MARKET-12 Km, Dingok-15Km	Orange, ginger, arecanut and banana

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

Furthe details of the Farmers Market at Gokul, 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:

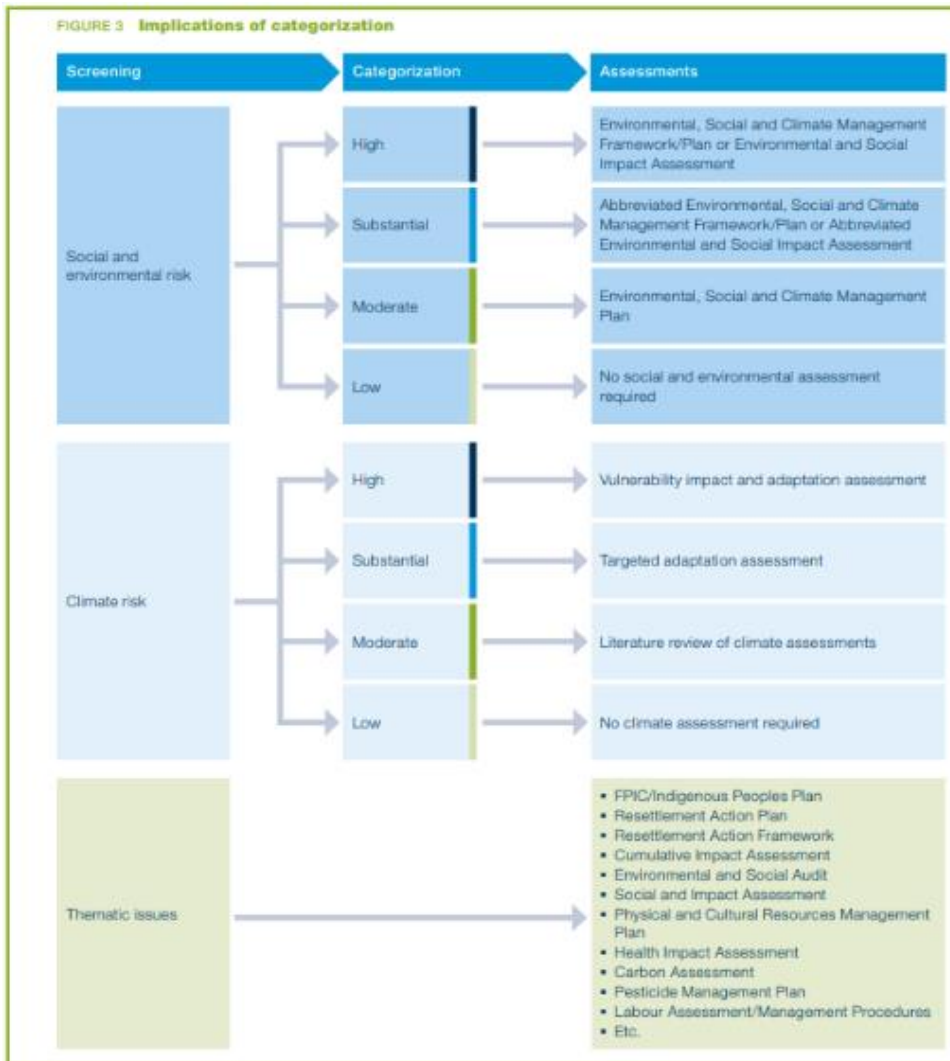
Through this market shade, the farmers can sell products like poultry, livestock, broom, ginger, orange, ginger, arecanut and banana etc. which are locally produced. The beneficiary villagers are from nearby 53 villages and other markets from this area which is Rari Market-12 Km, and Dingok-15 Km away.

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 19 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 contruction 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 Gokul, Bajengdoba, 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 38 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 - MLAMP 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 38 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:	July 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 Gokul, Bajengdoba 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	Bajengdoba		
Name of the Settlement	Gokul		
Latitude	25.82890532		
Longitude	90.45144495		

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: Gokul, Bajengdoba, North Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Gokul, Bajengdoba 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 Gokul, Bajengdoba 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be placed in certain areas in</p>

		<p>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.</p> <p>Storage= 280 Sqft.</p> <p>Public toilet= 330 Sqft.</p> <p>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 Gokul, Bajengdoba 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 38 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 plain 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



Fig: Farmer's market area location



Fig: Public consultation



Fig: Cold storage



Fig: Market area

Project Location :Gokul farmer's market.



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

SEPTEMBER, 2023

ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT

EXECUTIVE SUMMARY

FOR

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

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Gairong, Kharkutta block, North Garo Hills District will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtrai	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

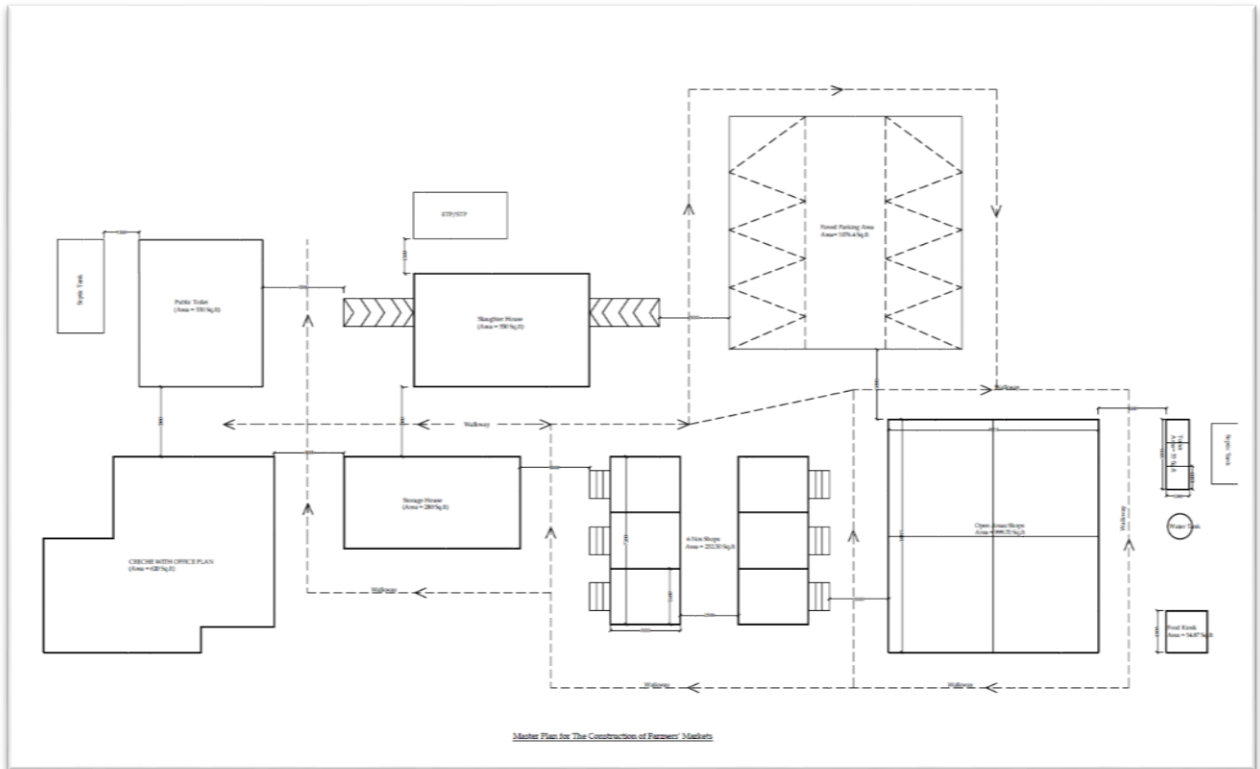
This ESCMP is being developed for the market construction at Gairong within Kharkutta Block in North Garo Hills district. The other details of the location are as follows:

Sl. No.	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
10	North Garo Hills	Kharkutta	Gairong	Latitude:25.929841 , Longitude:90.8991283 ,Elevation:64.87+6m	56	Damra Bazaar, 15 km	banana, broom grass, pineapple, bay leaf and 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. 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 Gairong, 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 poultry, livestock, banana, broomgrass, pineapple, bay leaf and ginger etc. which are locally produced. The beneficiary villagers are from nearby 56 villages and other centre like Damra Bazaar which is 15 km away

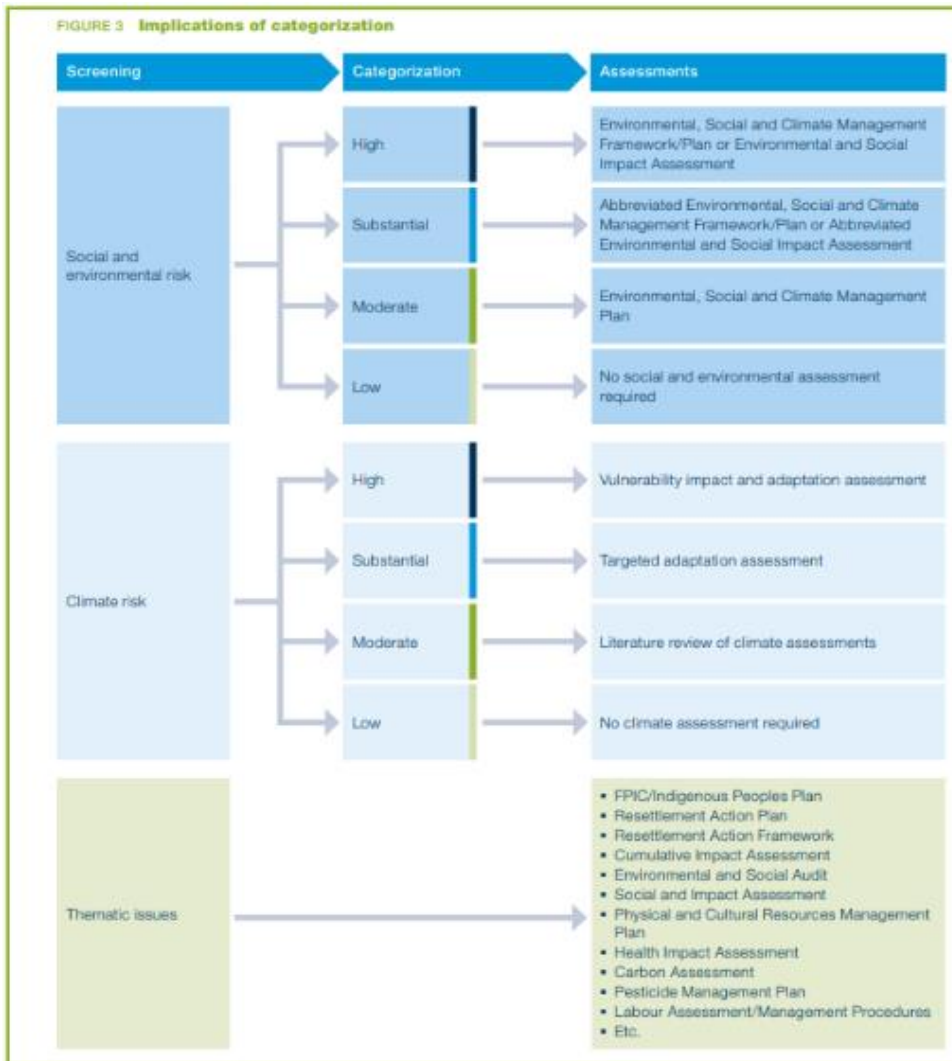
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 19 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 Gairong, 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 38 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 - MLAMP 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	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 38 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:	July 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 Gairong, 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	Kharkutta		
Name of the Settlement	Gairong		
Latitude	25.844993		
Longitude	90.79245		

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: Gairong, Kharkutta, North Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Gairong, 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 Gairong, 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be placed in certain areas in</p>

		<p>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 Gairong, 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 15 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 38 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 plain 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



Fig: Present market area



Fig: Public consultation



Fig: With market committee

Project Location :Gairong farmer's market.



**ENVIRONMENT, SOCIAL &
CLIMATE SCREENING REPORT**
SEPTEMBER, 2023

**ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT**

EXECUTIVE SUMMARY

FOR

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

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Kharkutta, Kharkutta block, North Garo Hills District will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtrai	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

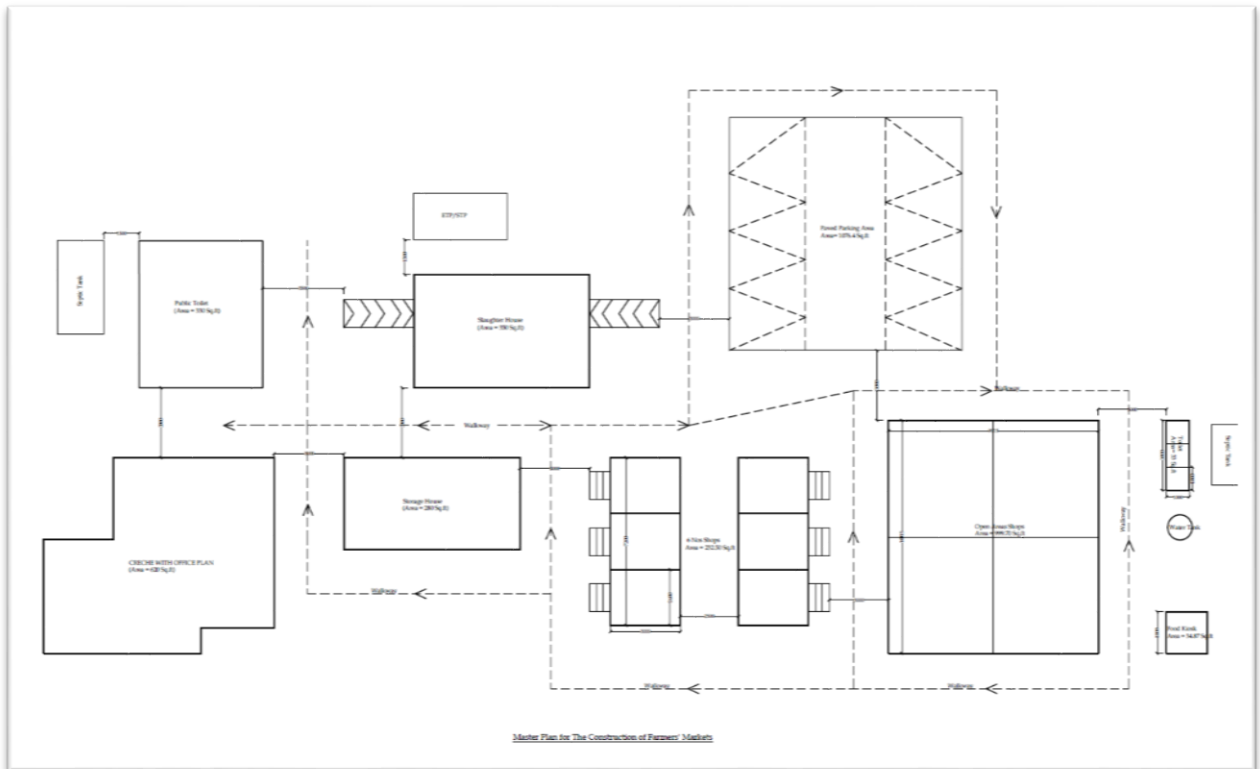
1.2 Sub-project Description:

This ESCMP is being developed for the market construction at Kharkutta 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 covered	Nearby market and distance	Commodities
10	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841, Longitude:90.8991283 / Elevation:64.87+6m	60	Darangiri, Assam-11 Km	banana, ginger and 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 treatment facility



Project Plan Drawing

Further details of the Farmers Market at Kharkutta, 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 Poultry, Livestocks, arecanut, banana and ginger etc. which are locally produced. The beneficiary villagers are from nearby 60 villages and other centre from this area is Darangiri, Assam-11 Km.

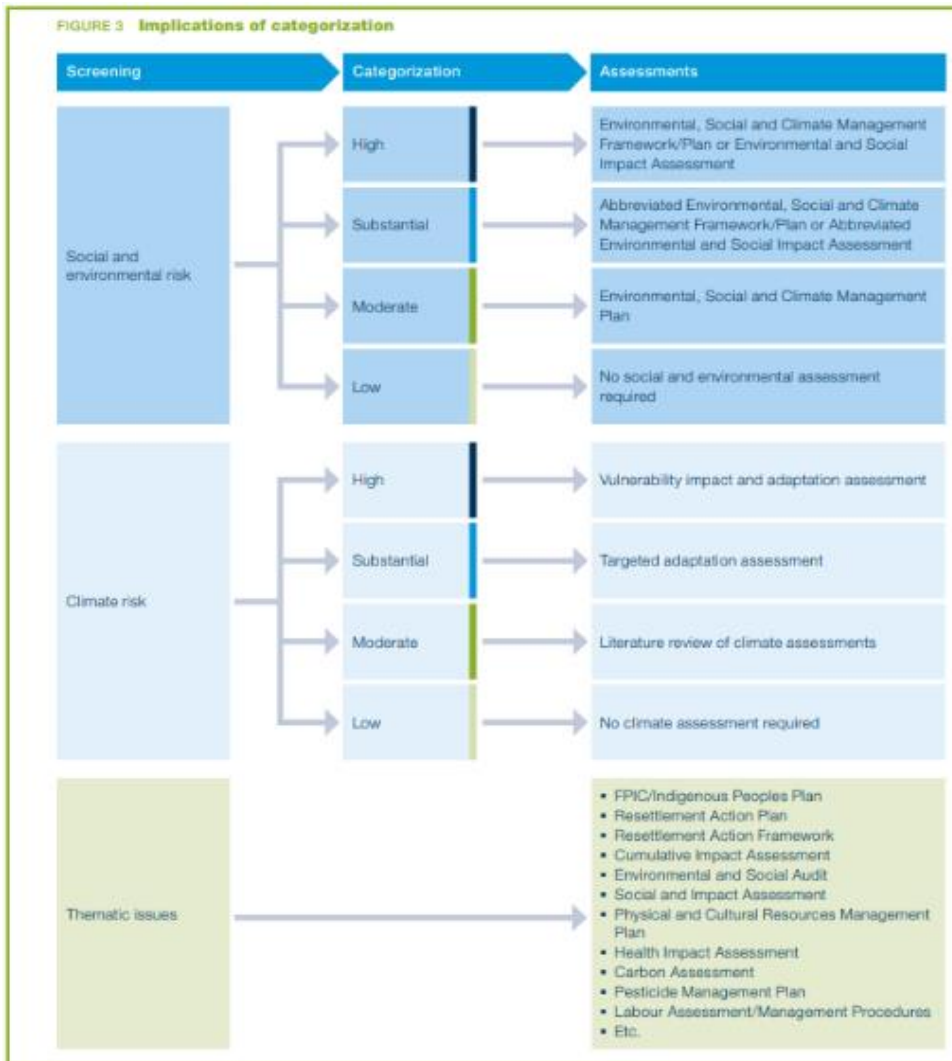
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 19 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

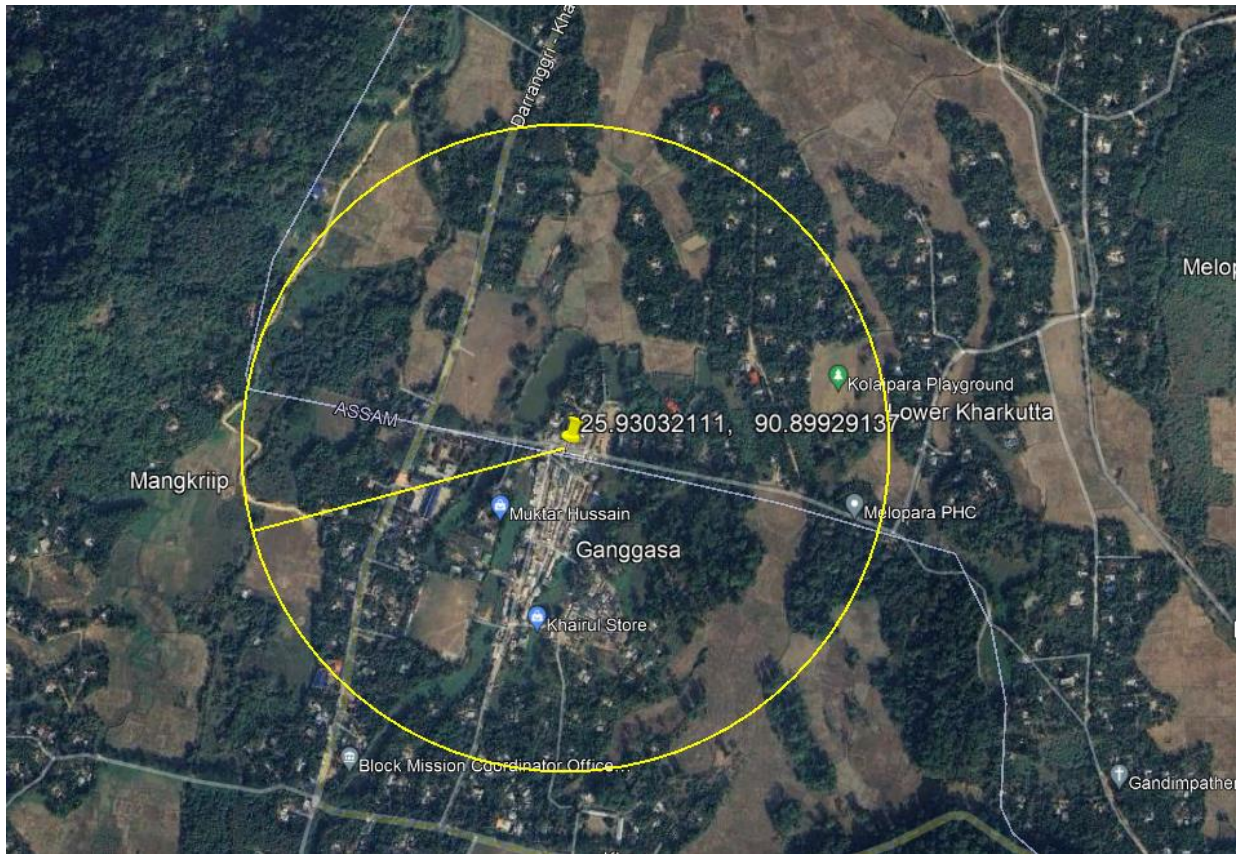
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



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 Kharkutta, 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 38 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 - MLAMP 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	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 38 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:	July 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 Kharkutta, 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	Kharkutta		
Name of the Settlement	Kharkutta Bazar		
Latitude	25.929841		
Longitude	90.8991283		

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: Kharkutta, Kharkutta, North Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Kharkutta, 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 Kharkutta, 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be placed in certain areas in</p>

		<p>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.</p> <p>Storage= 280 Sqft.</p> <p>Public toilet= 330 Sqft.</p> <p>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	<p>The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km</p>
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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 Kharkutta, 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 38 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 plain 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



Fig Consultation with market committee



Fig: Market area



Project Location :Kharkutta farmer's market.



**ENVIRONMENT, SOCIAL &
CLIMATE SCREENING REPORT**
SEPTEMBER, 2023

**ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT**

EXECUTIVE SUMMARY

FOR

**PROPOSED FARMER'S MARKET LOCATION AT JONGLAPARA, RESUBELPARA BLOCK, NORTH
GARO HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Jonglapara, Resubelpara block, North Garo Hills District will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtrai	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify 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 Jonglapara within Resubelpara Block in North Garo Hills district. The other details of the location are as follows:

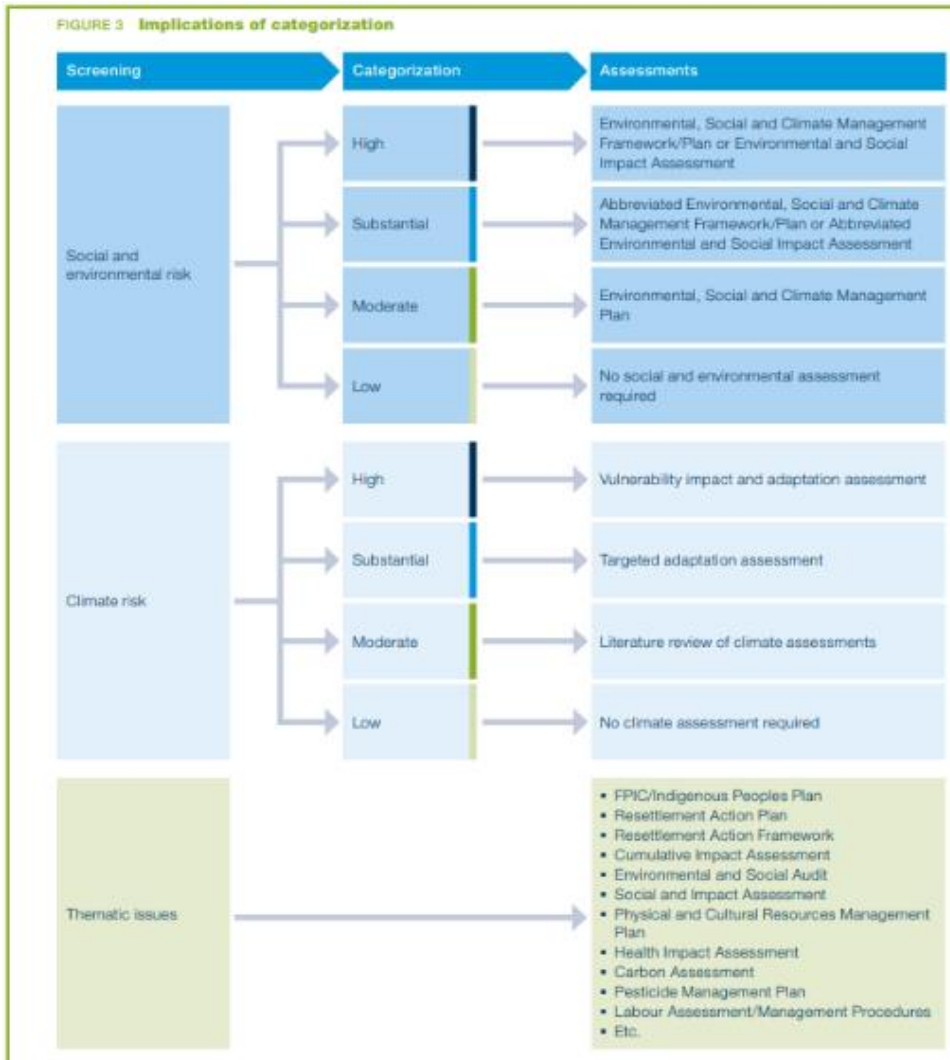
Sl. No.	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
10	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102 ,Elevation:90.65+21m	42	Dekachang -2 Km, Daram-3 Km	banana, ginger and arecanut

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

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 Jonglapara, Resubelpara, 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 38 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 - MLAMP 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 38 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:	July 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 Jonglapara, Resubelpara 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	Resubelpara		
Name of the Settlement	Jonglapara		
Latitude	25.881854		
Longitude	90.6102		

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: Jonglapara, Resubelpara, North Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Jonglapara, Resubelpara 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 Jonglapara, Resubelpara 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be placed in certain areas in</p>

		<p>the market for the waste to be dumped</p> <p>2. There is a vehicle arranged by the market committee to collect the dustbins everyday 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.</p> <p>Storage= 280 Sqft.</p> <p>Public toilet= 330 Sqft.</p> <p>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	<p>The construction of the farmers market is at a minor scale and does not include construction/ rehabilitation/upgrade of roads above 10 Km</p>
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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 Jonglapara, Resubelpara 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 38 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 plain 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



Fig: Public consultation at market place



Fig: market place



Fig: Cold storage



fig: Toilet facility in the market area

Project Location :Jonglapara farmer's market.



**ENVIRONMENT, SOCIAL &
CLIMATE SCREENING REPORT**
SEPTEMBER, 2023

**ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT**

EXECUTIVE SUMMARY

FOR

**PROPOSED FARMER'S MARKET LOCATION AT UMTRAI, UMSNING BLOCK,
RI - BHOI DISTRICT**

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Umtraí, Umsning, Ri-Bhoi District will be constructed under the above project.
2. The project land is free from any cooupant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtraï	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dadenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

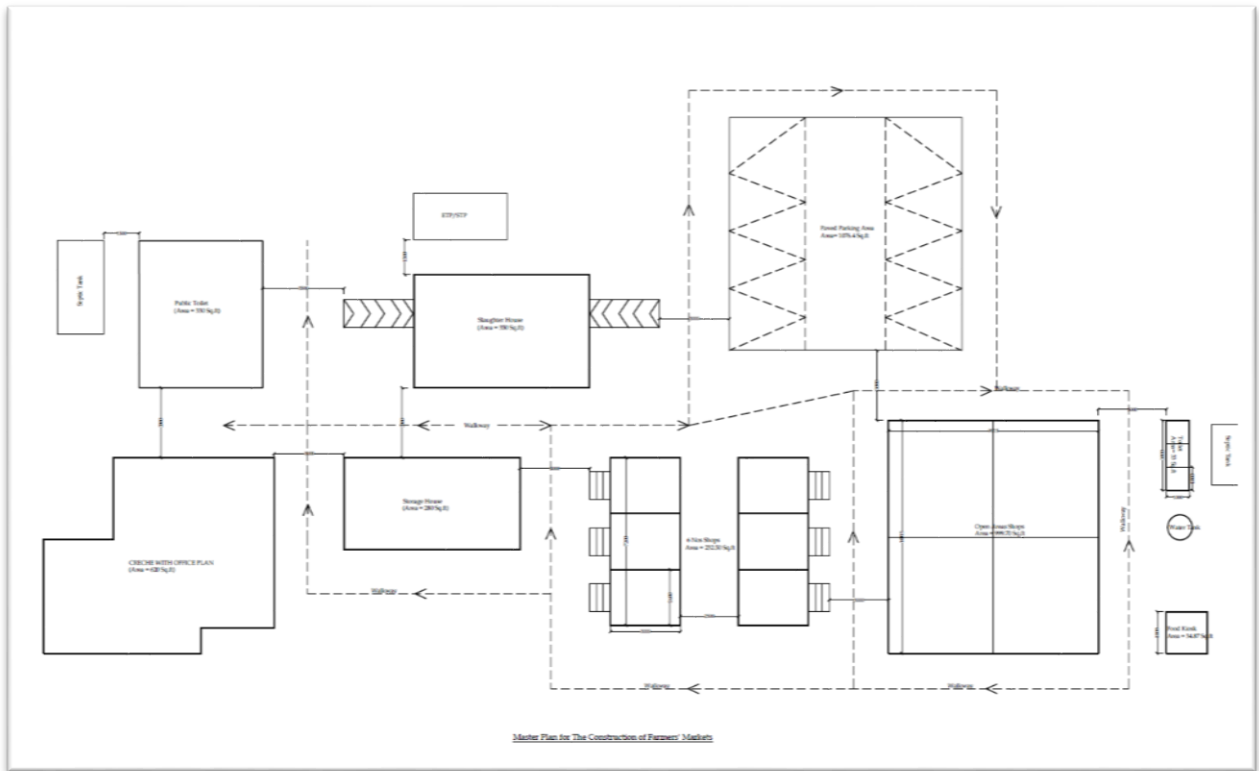
This ESCMP is being developed for the market construction at Lawmei within Myllem Block in East Khasi Hills district. The other details of the location are as follows:

Sl. No.	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
1	Ri-Bhoi	Umsning	Umtraï	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E	10	Iew Umtraï, (0 km)	Areca nut, Betel Leaf, Ginger, Broom Grass

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 fund and currently 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 Umtrai, 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:

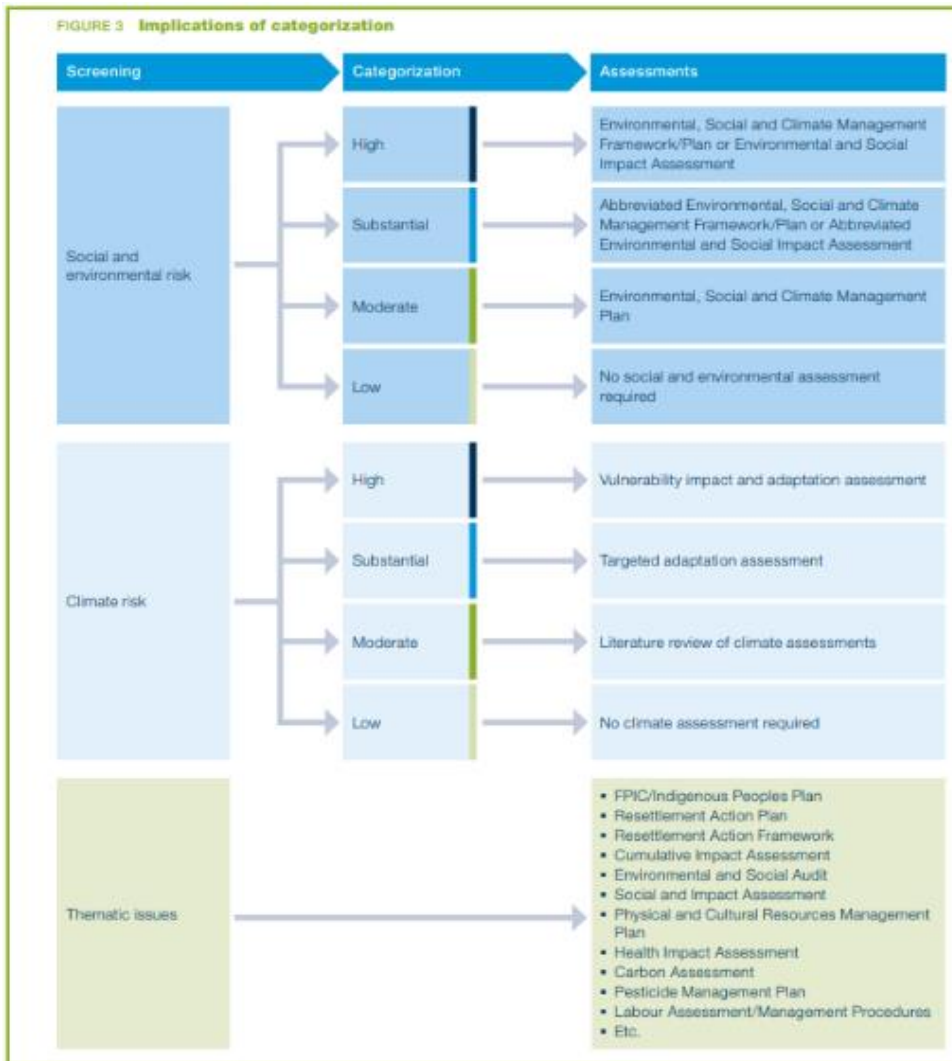
Through this market shade the farmers can sell products like Arecanut, Betel Leaf, Ginger, Broom Grass which are locally produced. The beneficiary villagers are from nearby 14 villages and other tow centre from this area is Iew Umtrai which is 12 Km away.

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 19 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 contruction 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 Umtrai, Umsning, 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 29 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 - MLAMP 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.</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 31 deg. C 2. Heavy rainfall is expected during the monsoon season	1. Construction of a storage facility is part of the sub-project. A small capacity cold storages is already available in the market and more equipment 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 and	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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			<p>natural runoff from rain is already available near the area</p> <p>3. Construction of the retaining walls to avoid any issues to the construction of the infrastructure</p>					
Human Rights	<p>1. Fair labor practices</p> <p>2. Accessibility for all vendors and customers</p>	<p>1. Labor exploitation</p> <p>2. Discrimination</p>	<p>1. Implement fair wage policies</p> <p>2. Ensure market accessibility for people with disabilities</p>	Design costs	Market Committee	<p>1. Labor audits</p> <p>2. Accessibility checks</p>	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
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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:	July 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 Umtraí, Umsning 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	Umsning		
Name of the Settlement	Umtraí		
Latitude	26°00'03.9"N		
Longitude	92°07'58.3"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: Umtraí, Umsning, Ri-Bhoi District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Umtraí, Umsning 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 Umthlong Kharmuti, Mairang 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	A flat land where the village has already dedicated for the Market.
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 water harvesting 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be</p>

		<p>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 Umtrai, Umsning 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 29 deg. C. However, this sub-project also includes a storage facility and cold storage 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 plain 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



Fig: Farmer's market site



Fig: Public consultation



Fig: Site



Project Location : Umtraí farmer's market.



**ENVIRONMENT, SOCIAL &
CLIMATE SCREENING REPORT**
SEPTEMBER, 2023

**ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT**

EXECUTIVE SUMMARY

FOR

**PROPOSED FARMER'S MARKET LOCATION AT SONGADINNGRE, DADENGGRE BLOCK, WEST
GARO HILLS DISTRICT**

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Songadinggre, Dadenggre block, West Garo Hills District will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtrai	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dandenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

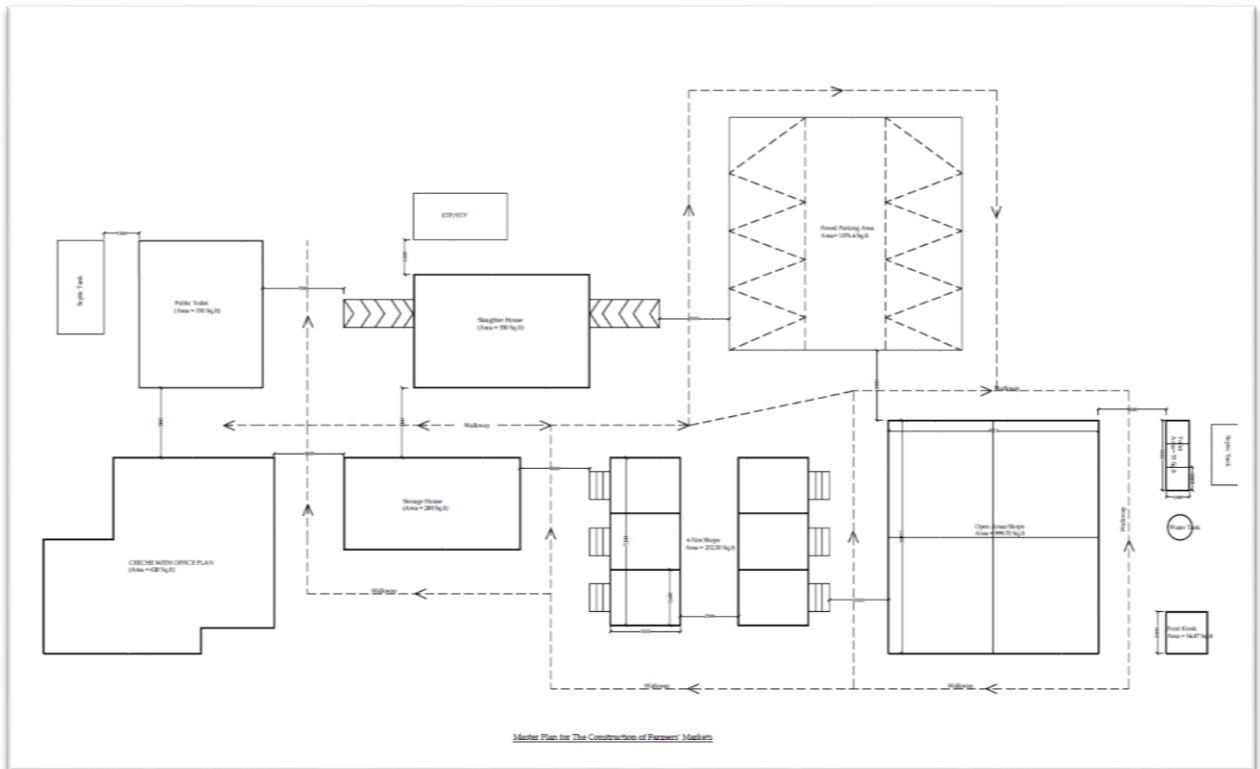
1.2 Sub-project Description:

This ESCMP is being developed for the market construction at Songadinggre within Dandenggre 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	Dandenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913	10	Dandenggre, Rongram	Cashewnut, Black Pepper, Arecanut, Ginger, Pineapple

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 Songadinggre, 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 Cashewnut, Black Pepper, Arecanut, Ginger, Pineapple, Seasonal Vegetables etc. which are locally produced. The beneficiary villagers are from nearby 10 villages and other tow centre from this area is Dadengre, Rongram which is 10-15 Km away

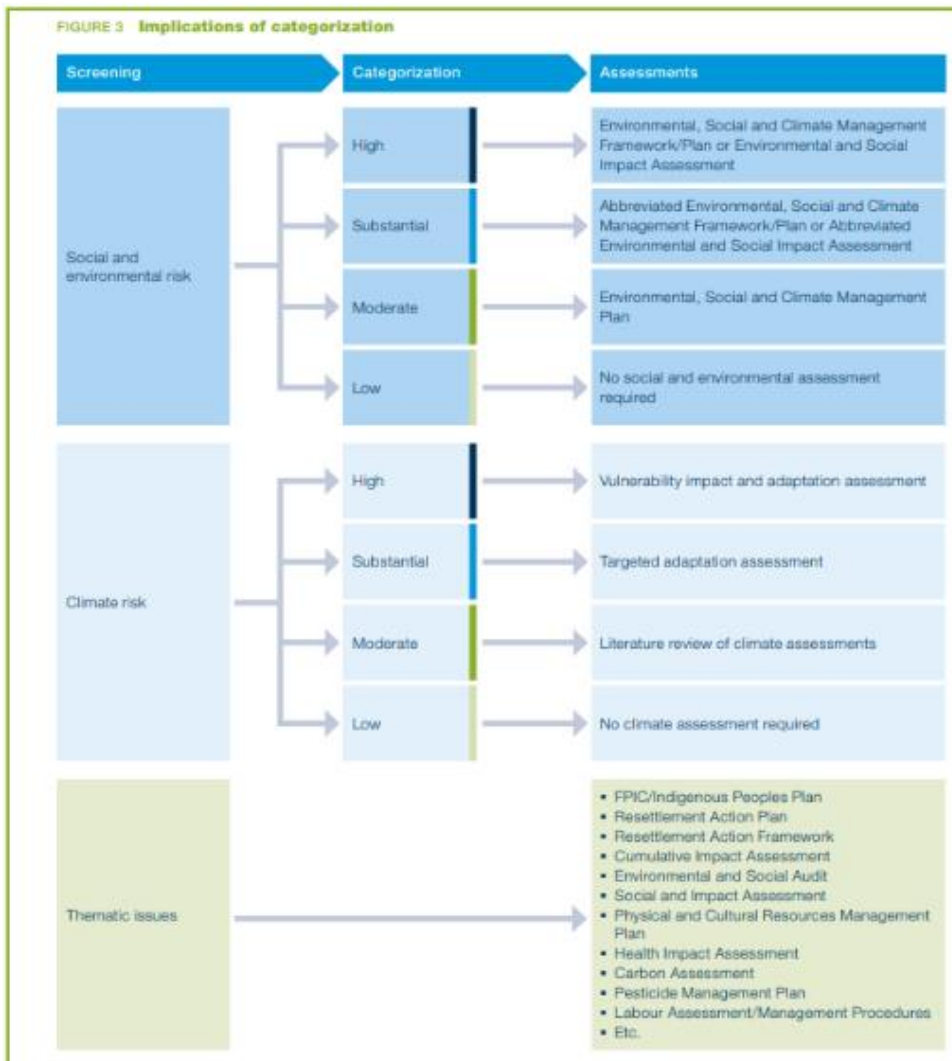
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 19 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 Songadinggre, 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 - MLAMP 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:	July 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 Songadinggre, 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	Dadenggre		
Name of the Settlement	Songadinggre		
Latitude	25.881248 N		
Longitude	90.111913 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: Songadinggre, Dandenggre, West Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Songadinggre, Dandenggre 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 Nengkra, 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be placed in certain areas in</p>

		<p>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.</p> <p>Storage= 280 Sqft.</p> <p>Public toilet= 330 Sqft.</p> <p>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 Songadinggre, Dandenggre 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 plain 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:

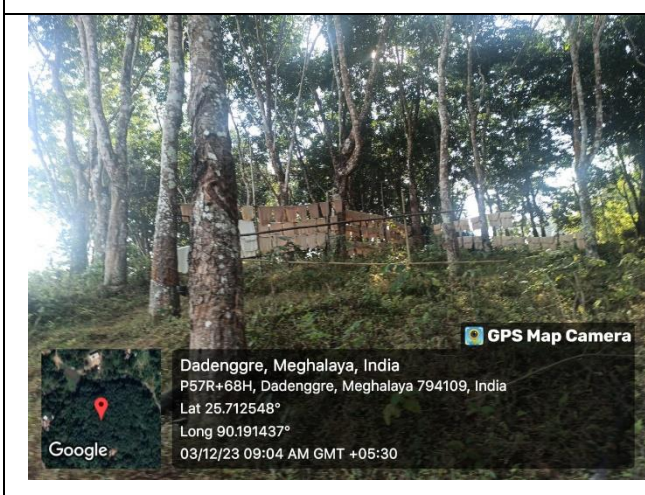
The proposed project has been classified as the climate risk classification as low.

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



Project Location : Songadinggre farmer's market.



ENVIRONMENT, SOCIAL & CLIMATE SCREENING REPORT

SEPTEMBER, 2023

ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT

EXECUTIVE SUMMARY

FOR

PROPOSED FARMER'S MARKET LOCATION AT BAMUNDAGA, DEMDEMA BLOCK, WEST GARO
HILLS DISTRICT

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Bamundaga, Demdema block, West Garo Hills District will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtrai	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dandenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

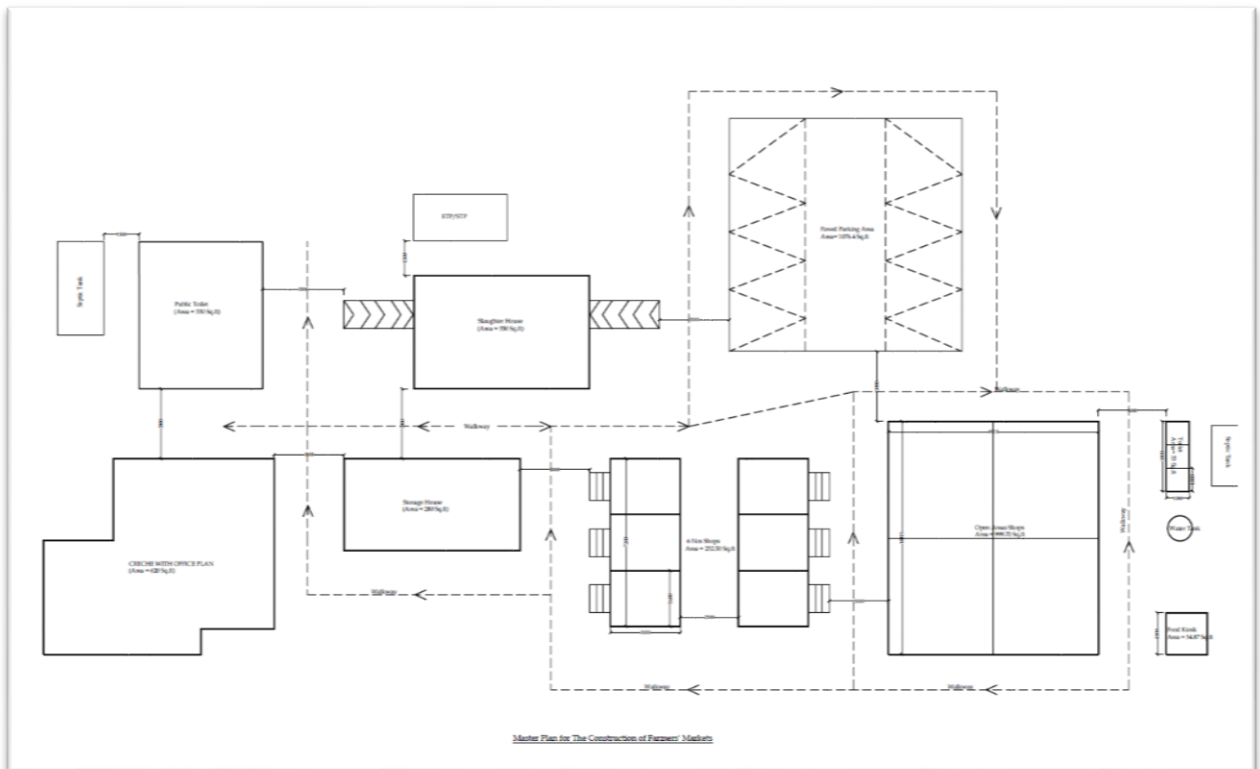
This ESCMP is being developed for the market construction at Bamundaga within Demdema Block in West Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
1	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude : 90.112617	10	Tikrikilla -15 Km	Vegetables, Poultry, Livestock, Arecanut, Rubber, Black Pepper, Pineapple, Banana, Turmeric, 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 treatment facility



Project Plan Drawing

Further details of the Farmers Market at Bamundaga, 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 Vegetables, Poultry, Livestocks, Arecanut, Rubber, Black Pepper, Pineapple, Banana, Turmeric, Ginger etc. which are locally produced. The beneficiary villagers are from nearby 5 villages and other centre from this area Tikrikilla and is 15 Km away

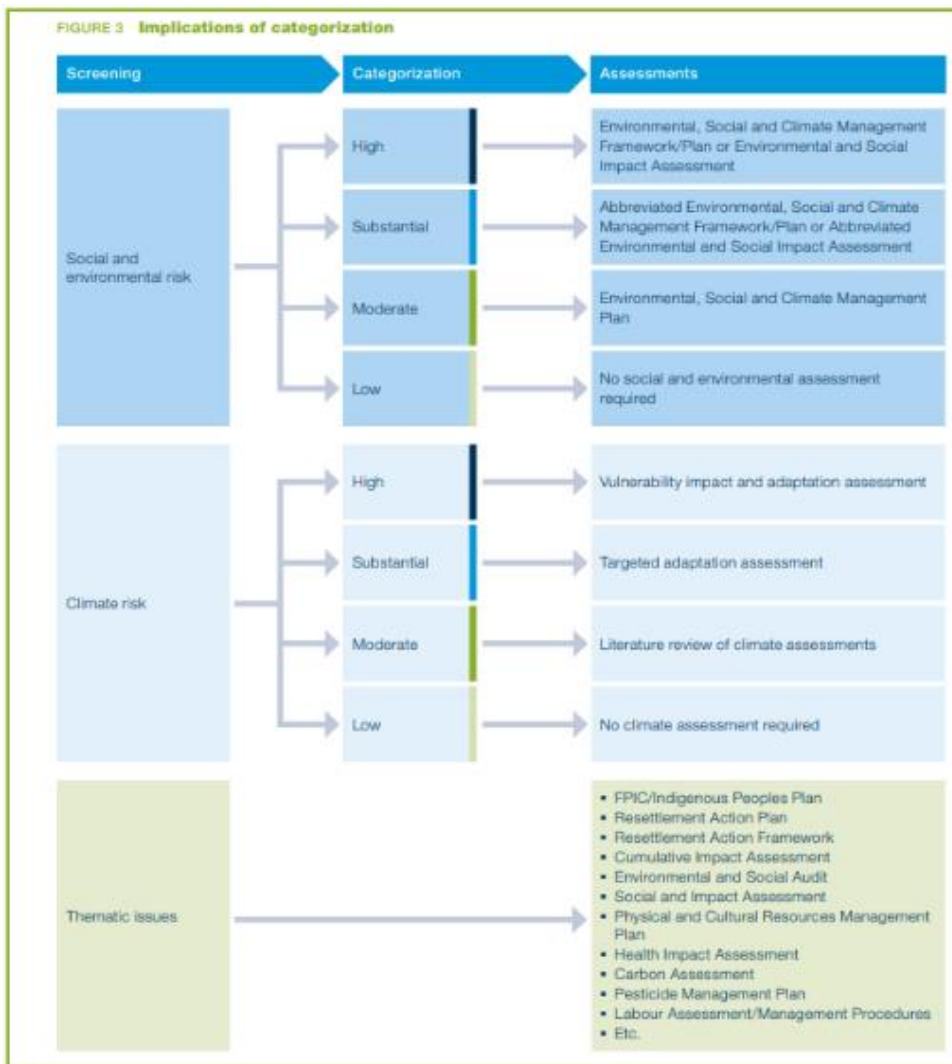
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 19 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 Bamungdanga, Demdema, 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 - MLAMP 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 meet the	Design costs	Contractor ED, Technical, MBMA DPMU	1. Assessment on the number of shops and its availability. To increase the number of shops/market space if there	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>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>are further requirements</p> <p>2. Availability of 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:	July 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 Bamungdanga, Demdema 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	Demdema		
Name of the Settlement	Bamungdanga		
Latitude	25.88001 N		
Longitude	90.112617 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: Bamundaga, Demdema, West Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Bamungdanga, Demdema 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 Nengkra, 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be placed in certain areas in</p>

		<p>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.</p> <p>Storage= 280 Sqft.</p> <p>Public toilet= 330 Sqft.</p> <p>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 famers 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 Bamungdanga, Demdema 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 plain 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



Project Location : Bamundaga farmer's market.



**ENVIRONMENT, SOCIAL &
CLIMATE SCREENING REPORT**
SEPTEMBER, 2023

**ENVIRONMENT, SOCIAL AND CLIMATE MANAGEMENT PLAN (ESCMP)
SCREENING REPORT**

EXECUTIVE SUMMARY

FOR

**PROPOSED FARMER'S MARKET LOCATION AT SENGCHI, TIKRIKILLA BLOCK, WEST GARO HILLS
DISTRICT**

PREPARED BY:

MBMA – SPMU on 19 July 2024

Meghalaya Basin Management Agency (MBMA)

The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurship & Farmers in Meghalaya" units will be set up in various strategic locations across the State. The locations have been identified after thorough analysis and consideration of availability of land, maximum number of beneficiaries it can benefit, proximity to beneficiaries etc. so as to maximize the impact on Tribal Youths, Women Entrepreneurs & Farmers.

Owing to the huge challenges faced by aspiring or existing entrepreneurs especially in rural areas. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" has been envisioned as a physical space where the existing and aspiring entrepreneurs from rural areas can visit to get support on various aspects of setting up or running an enterprise. These centres will be in rural areas where the targeted beneficiaries can easily access these centres to get the maximum benefits. The "Integrated Entrepreneurship & Livelihood Centre for Tribal Youths, Women Entrepreneurs & Farmers in Meghalaya" will be a centre where entrepreneurs from rural areas can get various support such as making Business Plans, getting information on funding support, facilitation of credit, training sessions etc. The centre will also act as incubation hubs and shall have provisions for co-working spaces that the entrepreneurs can access. This will also help provide space for training as well as peer learning. These centres will also provide infrastructure for processing and packaging where farmers can use the equipment or machinery and can also be trained and closely monitored during the incubation stage.

The findings of the screenig reports is as follows.

1. The proposed project at Sengchi,Tikrikilla block, West Garo Hills District will be constructed under the above project.
2. The project land is free from any coopant 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 19 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	Nengkra	Lat: 25.500626 N; Long: 90.688914 E
2	East Garo Hills	Samanda	Rongsakgre	Lat: 25.568076 N; Long: 90.439516 E
3	East Jaintia Hills	Khliehriat	Moolang	Lat:25.354218, Long:92.285345, Ele:1269m
4	East Jaintia Hills	Khliehriat	Rymbai	Lat:25.335461, Long:92.322517, Ele:1193m
5	East Jaintia Hills	Saipung	Samasi	Lat:25.397710, Long:92.548096, Ele:889m
6	East Jaintia Hills	Saipung	Shnongrim	Lat:25.350450, Long:92.511301, Ele:1198m
7	East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	Lat:25.402008, Long:92.458410, Ele:1128m
8	East Khasi Hills	Mawphlang	Lwai	Lat:25.484426, Long:91.748115, Ele:1691.65+6m
9	East Khasi Hills	Mylliem	Lawmei	Lat:25.581433, Long:91.786553, Ele:1783.62+4m
10	North Garo Hills	Bajengdoba	Gokul	Latitude:25.828418,Longitude:90.452482, Elevation:74.93+10m
11	North Garo Hills	Kharkutta	Gairong	Latitude:25.844993,Longitude:90.79245, Elevation:74.75+3m
12	North Garo Hills	Kharkutta	Kharkutta	Latitude:25.929841,Longitude:90.8991283, Elevation:64.87+6m
13	North Garo Hills	Resubelpara	Jonglapara	Latitude:25.881854,Longitude:90.6102, Elevation:90.65+21m

14	Ri Bhoi	Umsning	Umtra	Latitude: 26°00'03.9"N Longitude: 92°07'58.3"E
15	West Garo Hills	Dandenggre	Songadinggre	Latitude: 25.881248, Longitude: 90.111913
16	West Garo Hills	Demdema	Bamundaga	Latitude: 25.88001, Longitude: 90.112617
17	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365, Longitude: 90.35811279
18	West Khasi Hills	Mawshynrut	Mawthylliang (Seinduli)	Latitude: 25.66831641, Longitude: 91.13076031
19	Eastern West Khasi Hills	Mairang	Umthlong Kharmuti	Latitude: 25.557431 Longitude: 91.726054

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 justify the requirement of other instruments described in the SECAP 2021 if required.

1.2 Sub-project Description:

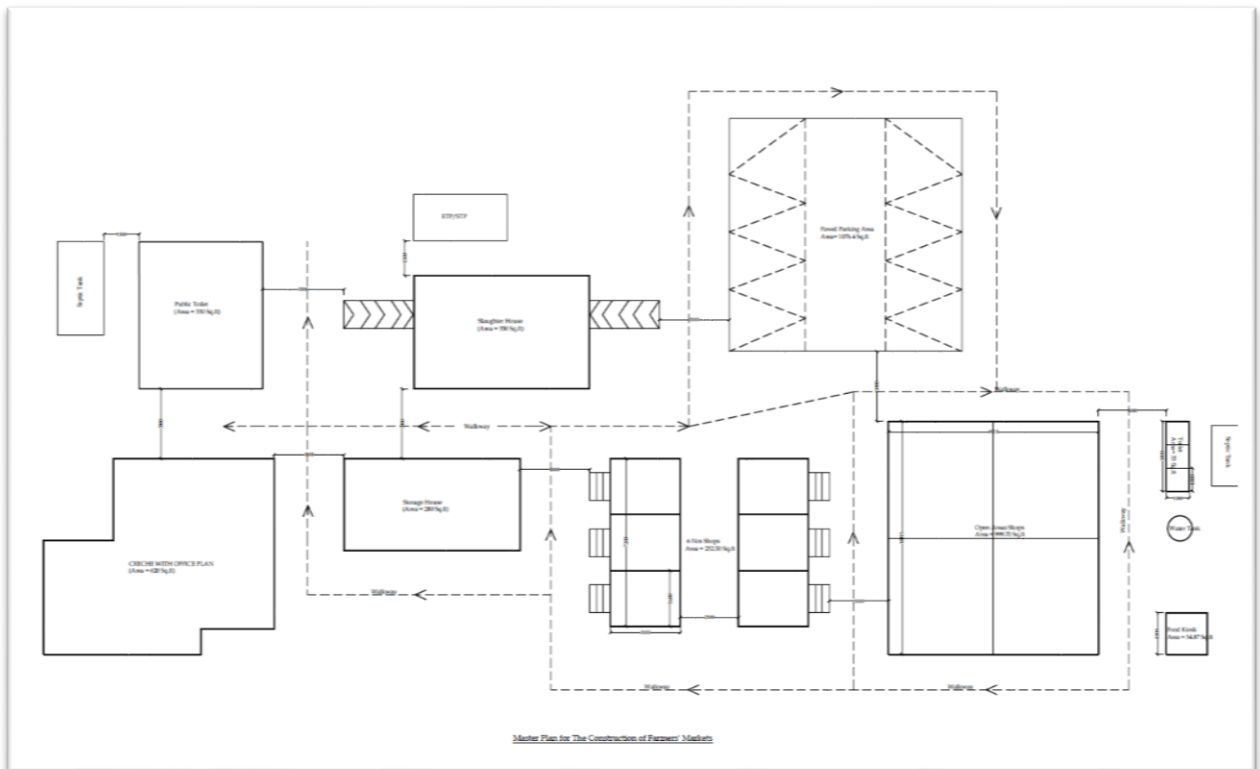
This ESCMP is being developed for the market construction at Sengchi within Tikrikilla Block in West Garo Hills district. The other details of the location are as follows:

Sl. No	District	Block	Location	GPS Location	No of villages covered	Nearby market and distance	Commodities
1	West Garo Hills	Tikrikilla	Sengchi	Latitude: 25.91575365 , Longitude: 90.35811279	15	Raksamgre -9 Km	Vegetables, Poultry, Livestock, Arecanut, Rubber, Black Pepper, Pineapple, Banana, Turmeric, 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 treatment facility



Project Plan Drawing

Further details of the Farmers Market at Sengchi, 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 Vegetables, Poultry, Livestocks, Arecanut, Rubber, Black Pepper, Pineapple, Banana, Turmeric, Ginger etc. which are locally produced. The beneficiary villagers are from nearby 10 villages and other town centre from this area is Iew Tikirkilla which is 15 Km away

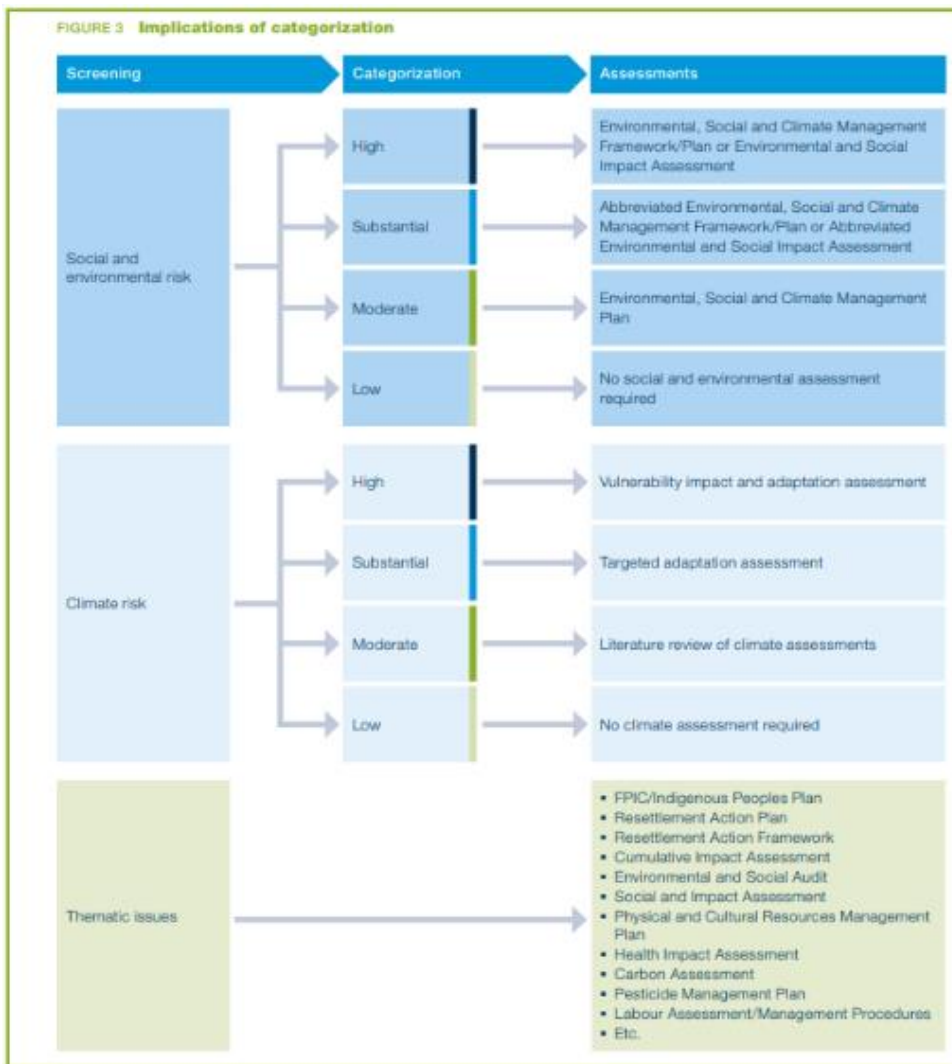
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP - ESCMP was conducted on all the 19 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 Sengchi, 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)	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	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 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.	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	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 - MLAMP 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	Contractor 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:	July 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 Sengchi, 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	Sengchi		
Name of the Settlement	Tikrikilla		
Latitude	25.91575365 N		
Longitude	90.35811279 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: Sengchi, Tikrikilla, West Garo Hills District		
1. Would the project develop any wetlands? (Guidance statement 1)	No	The location at Sengchi, 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 Nengkra, 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.</p> <p>The waste management will be addressed through: 1. Huge dustbins will be placed in certain areas in</p>

		<p>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.</p> <p>Storage= 280 Sqft.</p> <p>Public toilet= 330 Sqft.</p> <p>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 Sengchi, 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 plain 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



Fig: Farmer's market site



Fig: Public consultation



Fig: Site



Project Location : Sengchi farmer's market.