

SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Dimre, Dambo Rongjeng, East Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

1	1	1	1	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
			OUT 1 D	Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
10	6 4 6 1711	D 1	TC 1 1	Longitude:
13	South Garo Hills	Baghmara	Karukol	90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
1.4	Carrella Carra IIIIIa	D1	C'' Para	Longitude:
14	South Garo Hills	Baghmara	Siju Bazar	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	Carrella Carra IIIIIa	C	Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	D: Dla a:	Timere	Amsohbir	25°58'12.0"N,
17	Ri Bhoi	Jirang	Amsonbir	Longitude: 91 32'
				59.4" E
				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
		Laitkroh		Lat:25.434268,
22	East Khasi Hills	Khatarshnong	Diengkynthong	Long:91.803498,
				Ele:1886.21+2m
		Khatarshnong		Lat:25.322077,
23	East Khasi Hills	Laitkroh	Khrang	Long:91.796674,
				Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
	Last Miasi I IIIIs	Silena Diolaganj	<i>y</i> -	2, Elevation:
				803.04m
		1.		Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

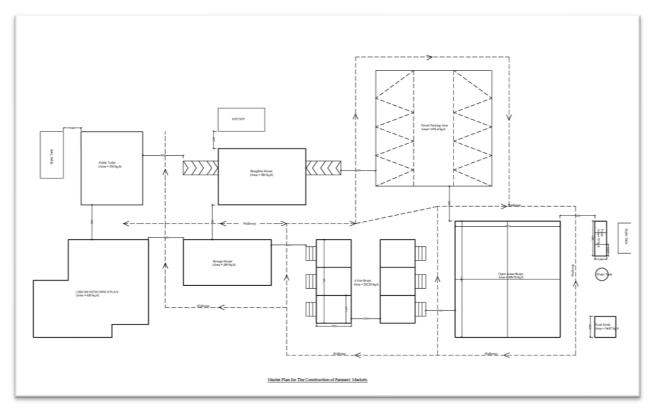
1.2 Sub-project Description:

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

SI N o	Distri ct	Block	Loc atio n	GPS Location	No of vill age s cov er	Nearby market and distance	Commodities
1	East Garo Hills	Dambo Rongje ng	Dim re	Lat: 25.35938 N; Long: 90.482117 E	12	Rongjeng Market, 8.3 km	Banana, Pineapple, ginger, arecanut, seasonal vegetables, rice, etc.

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

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



Project Plan Drawing

Further details of the Farmers Market at Dimre, 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:

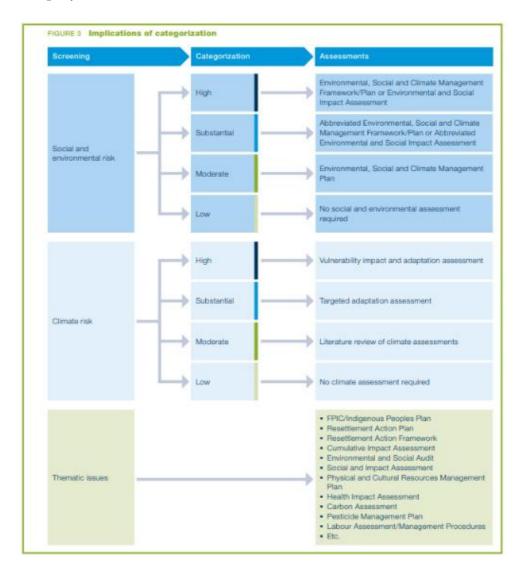
Through this market shade the farmers can sell products like Banana, Pineapple, ginger, arecanut, seasonal vegetables, rice, among others which are locally produced. The beneficary villagers are from nearby 12 villages and other nearest centre from this area is Rongjeng Market which is 8.3 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Dimre, Dambo Rongjeng, East Garo Hills District



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

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

S1. 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	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
				of ring well in this area.		

2	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Climate Change resilient design and materials reached up to 35 deg. C n and sewage 1. Use of climate-resilient design and materials reached up to 35 deg. C n and sewage 1. Use of climate-resilient design temperature may reached up to 35 deg. C of a storage facility is part of the sub-project. Hence cold 1. ED, Technical is part of the sub-project. Hence cold 1. ED	
Adaptatio and materials reached up to 35 deg. C of a storage facility is part of the sub-project. MBMA materials and structures 2. Heavy rainfall is expected during the sub-project. MBMA 2. Contractor 3. DPMU - MLAMP drainage system	
n 2. Elevated structures and drainage systems 2. Heavy rainfall is expected during the sub-project. 2. Heavy rainfall is expected during the sub-project. 3. DPMU - MLAMP drainage system	phase
treatment facility 3. Energy- efficient lighting and appliances 4. Storage facility 2. The roof of the infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	phase

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	Prior and during the construction phase and after the market is operational
Health and Safety	 Safe construction practices Health facilities for market users 	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Dimre, Dambo Rongjeng block		
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables		
Farm ponds of varying sizes	Enterprise development		
Construction of check dams	Integrated production and marketing clusters		
Land husbandry activities	Market infrastructure including rural roads		
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.		
Lift and diversion-based irrigation systems	Establishment of producer groups		
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms		
3. Location of the proposed sub	-project		
Name of the Region in Meghalaya	Meghalaya		
Name of the District	East Garo Hills		
Name of the Block	Dimre		
Name of the Settlement	Dambo Rongjeng		
Latitude	25.35938 N		
Longitude	90.482117 E		

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

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

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

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

Infrastructura davalanment		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 Infrastructure development 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 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
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

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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

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.

14. Does the project include drainage or	Yes	The construction of the
correction of natural waterbodies (e.g. river training)? (Guidance statement 7)		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/conta inment of surface water
Social		
16. Would the project result in economic displacement of 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		margenous people
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environn	nental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Dimre, Dambo Rongjeng is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social	-	·
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Guidance for categorization						
Yes response to any questions between 1 and 21	Environmental and social category is not a category A	It is not a category A Project Reason: ♣ NO to question 16 ♣ 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 contruction				
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*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
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?	N	lo	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?	N	lo	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)?	N		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?	Ν	lo	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?	N		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?	N		The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	Λ	lo	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	lo	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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. Considerationshould 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 classificationis high	A detailed analysis is required	
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required	
Yes, response to question 18	GHG assessment	For example, EX-ACT tool	
No response to almost	The climate risk classification	No further analysis is required,	
all questions	is low	but voluntary measures can be incorporated	



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Williamnagar, Samanda block, East Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

ĺ				89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
40			OUT 1 D	Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
10	6 4 6 1711		TC 1 1	Longitude:
13	South Garo Hills	Baghmara	Karukol	90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
1.4	Carrella Carra IIIIIa	D1	C'' Para	Longitude:
14	South Garo Hills	Baghmara	Siju Bazar	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	Carrella Carra IIIIIa	C	Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	Ri Bhoi	Timene	A 1-1-i	25°58'12.0"N,
17		Jirang	Amsohbir	Longitude: 91 32'
				59.4" E
				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
	,			92.02136
	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616,
19				Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
		Laitkroh		Lat:25.434268,
22	East Khasi Hills	Khatarshnong	Diengkynthong	Long:91.803498,
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Ele:1886.21+2m
		Khatarshnong		Lat:25.322077,
23	East Khasi Hills	Khatarshnong Laitkroh	Khrang	Long:91.796674,
		LaitriOII		Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
	East Khasi Fillis		Zaittyia	2, Elevation:
				803.04m
		Mawphlang		Lat:25.38642,
25 H	East Khasi Hills		Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

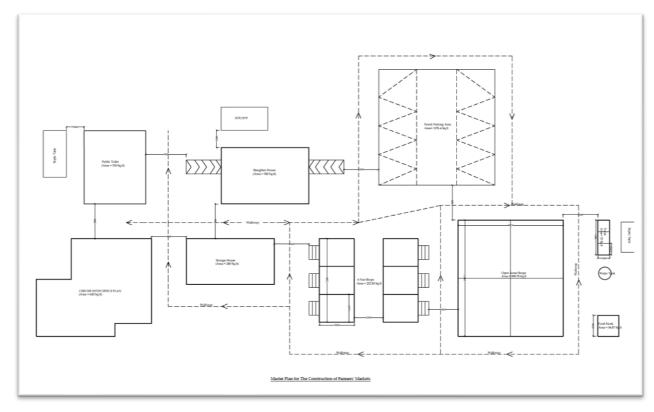
1.2 Sub-project Description:

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

SI. N	Distric t	Blo ck	Locati on	GPS Location	No of vill age s cov er	Nearby market and distance	Commodities
	East	Sam	Willia	Lat: 25.51207 N; Long:		Williamn	Ginger, Arecanut,
1	Garo	and	mnag	90.60677 E, Elevation:	86	agar, 1	Oranges and Seasonal
	Hills	a	ar	253.1 m		km	Vegetables.

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

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



Project Plan Drawing

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

Beneficiaries:

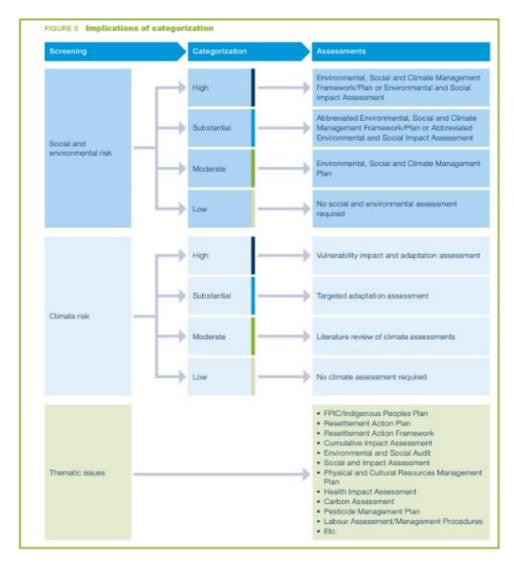
Through this market shade the farmers can sell products like Ginger, Turmeric, Meat, Broom Grass, Handcrafted Materials, among others which are locally produced. The beneficary villagers are from nearby 86 villages and other nearest centre from this area is Williamnagar Market which is 1 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Williamnagar, Samanda, East Garo Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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 subproject	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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

c or chiliate-	1. During summer the	1.	Desig	1. ED,	1. Regular	ED -	Prior and
	temperature may	Construction	n	Technical -	inspection of	Technical,	during the construction
0	1 2			MBMA	_	MBMA	phase
evated tures and age systems	2. Heavy rainfall is expected during the monsoon season	facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to		2. Contractor 3. DPMU -	materials and structures 2. Monitor drainage system effectiveness	MBMA	phase
r t i e e	naterials vated ures and age systems ewage nent facility ergy- ent lighting ppliances	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season rage systems ewage nent facility ergy- ent lighting ppliances rage facility	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. 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	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. 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	reached up to 35 deg. C Vated ures and age systems exactly and age systems are and age systems of the sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any	reached up to 35 deg. C vated ures and age systems awage ment facility argy—mit lighting popliances rage facility rage facility rage facility reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season Provided 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	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season The sub-project is sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any The sub-project is part of the sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Williamnagar, Samanda block				
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables				
Farm ponds of varying sizes	Enterprise development				
Construction of check dams	Integrated production and marketing clusters				
Land husbandry activities	Market infrastructure including rural roads				
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.				
Lift and diversion-based irrigation systems	Establishment of producer groups				
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms				
3. Location of the proposed sub	-project				
Name of the Region in Meghalaya	Meghalaya				
Name of the District	East Garo Hills				
Name of the Block	Samanda				
Name of the Settlement	Williamnagar				
Latitude	25.51207 N				
Longitude	90.60677 E				

Questions for environment and social screening	Yes/no	Comments/explanation					
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.							
Project location: Williamnagar, Samanda, Ea	st Garo Hills Dist	trict					
Would the project develop any wetlands? (Guidance statement 1)		The location at Williamnagar, Samanda is not situated on any wetlands nor any wetland is situated within 1Km radius					
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)		The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Williamnagar, Samanda is already obtained and available.					
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)		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)?		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)		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 ring well in this area.
9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)	No	The construction of the farmers market is at a minor scale and does not impact any local biodiversity
10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)	No	The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:

Infrastructura davalanment		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 Infrastructure development 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 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
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

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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

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.

14. Does the project include drainage or	Yes	The construction of the
correction of natural waterbodies (e.g. river training)? (Guidance statement 7)		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/conta inment of surface water
Social		
16. Would the project result in economic displacement of 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		margenous people
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environn	nental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Williamnagar, Samanda is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		-
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Guidance for categoriz	ativii	
Yes response to any questions between 1 and 21	Environmental and social category is not a category A	It is not a category A Project Reason: ♣ NO to question 16 ♣ 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 contruction
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*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
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?	N	Io	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?	N	lo	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)?	N		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?	N	lo	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?	N		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?	N		The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	lo	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	lo	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Diengkynthong, Laitkroh Khatarshnong Block, East Khasi Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location	
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m	
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E	
3	North Garo Hills	North Garo Hills Kharkutta Baghal		Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m	
4	North Garo Hills	North Garo Hills Kharkutta Adokgre Bazar		Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m	
5	West Garo Hills Selsella Kalchengpara		Kalchengpara	Latitude: 25.708562, Longitude: 90.090308	
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397	
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166	
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m	
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m	
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m	
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:	

[1	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude: 25.25225,
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				′
				Elevation: 91.8 m
				Latitude: 25.283873,
13	South Garo Hills	Baghmara	Karukol	Longitude:
				90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
14	South Garo Tillis	Dagiiiiara	Siju Dazai	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
			0 0	90.610777,
				Latitude: 25.20836,
			Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
			Triariet	Elevation: 61.38 m
				Latitude:
	Ri Bhoi			25°58'12.0"N,
17		Jirang	Amsohbir	
				Longitude: 91 32'
				59.4" E
4.0	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468,
18				Longitude:
				92.02136
	West Jaintia Hills		Nonglatem	Latitude:25.613616,
19		Thadlaskein		Longitude:
				92.190648
		Mawkynrew	Jongsha	Lat:25.468343,
20	East Khasi Hills			Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
	Lust Miasi I IIIIs	Khatarshnong	0,110	Ele:1886.21+2m
				Lat:25.322077,
23	East Khasi Hills	Khatarshnong	Khrang	Long:91.796674,
		Laitkroh	1	Ele:1321.83+14m
24	East Khasi Hills			Latitude:25.209024,
				Longitude:91.73797
		Shella Bholaganj	Laittyra	C
				2, Elevation:
				803.04m
25	E (VI) III	26 11	TZ 1 ·	Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

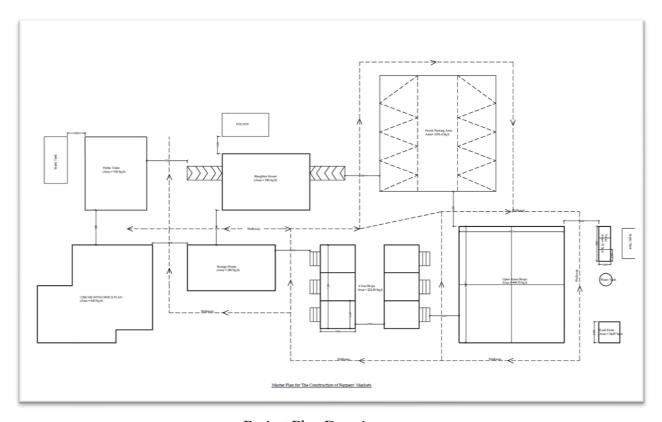
1.2 Sub-project Description:

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

S1. No	District	Block	Locatio n	GPS Location	No of vill age s cov er	Nearb y marke t and distan ce	Comm odities
1	East Khasi Hills	Laitkroh Khatarshno ng	Diengk ynthong	Lat:25.434268, Long:91.803498, Ele:1886.21+2m	70	Laitly ngkot, 3KM	bay leaf, honey, Broom grass, vegeta bles

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 faciltiy
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

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

Beneficiaries:

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

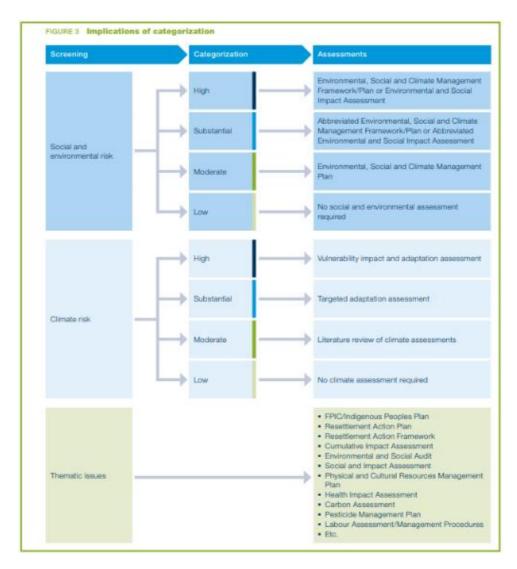
1.3 Objective of Environment and Social Screening Study

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

constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Diengkynthong, Laitkroh Khatarshnong, East Khasi Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Englandant					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation /Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural		1. Development	1. The			1. Assessment on	ED -	During the construction
Resources		happening in areas	availability	costs	ED, Technical,	the new	Technical,	phase and after
	1. Main	where little up-to-date	of the			infrastructure to	MBMA	the market is operational
		information exists on	farmers		DPMU	be build. There		operational
	shade	(-11-1-	market in			are already		
		sustainable	this area will			constructed/unde		
		yield/carrying capacity	address the			r construction		
	complex 2. Slaughte	2. Sub-project rely on	problem of			shops funded by		
	Z. Slaughte	surface water	carrying			NEC		
	3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Prior and	ED -	1. Regular	1 ED.	Desig	1	1. During summer the	1 Use of climate-	Climate
during the	d	inspection of	Technical -	n	Construction	temperature may	resilient design	Change
phase		*		CODED		1 2	O	
construction phase		inspection of materials and structures 2. Monitor drainage system effectiveness	MBMA 2. Contractor 3. DPMU - MLAMP	C 03 . 0	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 infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	Adaptation
					slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining			

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Diengkynthong, Laitkroh Khatarshnong block				
2. Type of proposed activity (ti	ck 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/ Insitu 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					
Name of the Block	Laitkroh Khatarshnong				
Name of the Settlement	Diengkynthong				
Latitude	25.434268 N				
Longitude 91.803498 E					

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

⁶¹ "Sensitive areas" include: protected areas (national parks, wildlife/nature reserves, biosphere reserves) and their buffer zones; areas of global significance for biodiversity conservation; habitats depended on by endangered species; natural forests; wetlands; coastal ecosystems, including coral reefs and mangrove swamps; small island ecosystems; areas most vulnerable to climate change and variability; lands highly susceptible to landslides, erosion and other forms of land degradation, areas that include physical 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 ring well in this area.
9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)	No	The construction of the farmers market is at a minor scale and does not impact any local biodiversity
10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)	No	The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development.

Infrastructure development		The waste management will be addressed through: 1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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) 14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7) 	No Yes	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of roads above 10 Km 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) Social	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/containment of surface water
16. Would the project result in economic	No	There is no settlement in the
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)	140	area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft.

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

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Diengkynthong, Laitkroh Khatarshnong is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	It is not a category A Project Reason: 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 contruction
NO, response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

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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			Additional
	Yes	No	response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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 subproject 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 subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	No	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Khrang, Laitkroh Khatarshnong Block, East Khasi Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

I			İ	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude: 25.25225,
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				,
				Elevation: 91.8 m
				Latitude: 25.283873,
13	South Garo Hills	Baghmara	Karukol	Longitude:
				90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
14	South Galo Hills	Dagiillara	Siju bazai	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
			Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
			Trial Net	Elevation: 61.38 m
				Latitude:
				25°58'12.0"N,
17	Ri Bhoi	Jirang	Amsohbir	
				Longitude: 91 32'
				59.4" E
4.0		Amlarem	Lamin	Latitude:25.185468,
18	West Jaintia Hills			Longitude:
				92.02136
		Thadlaskein	Nonglatem	Latitude:25.613616,
19	West Jaintia Hills			Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongsha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
	Lust Idiasi I IIIIs	Widwikylitew		Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
	2001 141001 111110	Khatarshnong	Diengrymmong	Ele:1886.21+2m
				Lat:25.322077,
23		Khatarshnong	Khrang	Lat.25.322077, Long:91.796674,
23		Laitkroh	Khrang	Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills Shella Bholagan	Shella Bholaganj	olaganj Laittyra	Longitude:91.73797
				2, Elevation:
				803.04m
		Mawphlang		Lat:25.38642,
25	East Khasi Hills		Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

1.2 Sub-project Description:

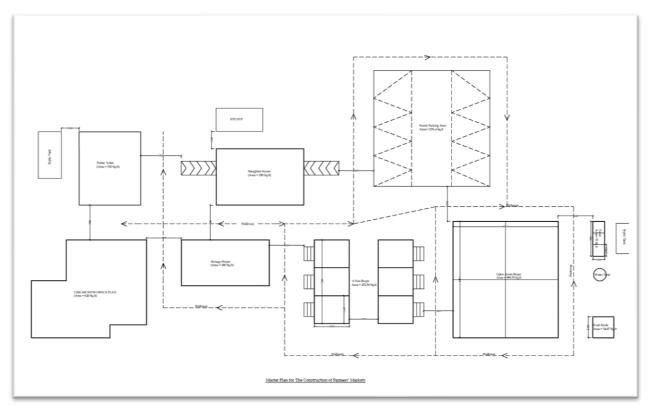
This ESCMP is being developed for the market construction at Khrang within Laitkroh Khatarshnong Block in East Khasi Hills district. The other details of the location are as follows:

SI. No	District	Block	Loca tion	GPS Location	No of vill ages cov er	Nearb y marke t and distan ce	Comm odities
23	East Khasi Hills	Khatarshnon g Laitkroh	Khra ng	Lat:25.322077, Long:91.796674, Ele:1321.83+14m	20	Mawjr ong 22km, Laitly ngkot 27km, Sohra 45km	broom grass, ginger, bay leaf, pepper

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

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

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



Project Plan Drawing

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

Beneficiaries:

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

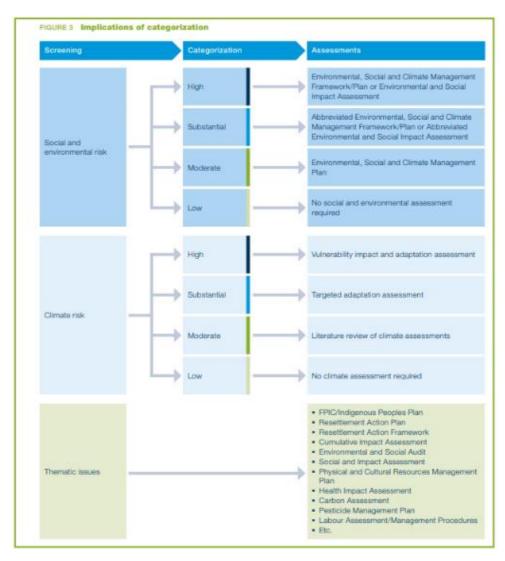
1.3 Objective of Environment and Social Screening Study

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

constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Khrang, Laitkroh Khatarshnong, East Khasi Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface		
	water. There		
	is already		
	availability		
	of ring well		
	in this area.		

c of chillate-	1. During summer the	1.	Desig	1. ED,	1. Regular	ED -	Prior and
	temperature may	Construction	n	Technical -	inspection of	Technical,	during the construction
0	1 2			MBMA	_	MBMA	phase
evated tures and page systems	2. Heavy rainfall is expected during the monsoon season	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		2. Contractor 3. DPMU -	materials and structures 2. Monitor drainage system effectiveness	MBMA	phase
n e t n	naterials vated cures and age systems ewage nent facility ergy- ent lighting ppliances	reached up to 35 deg. C vated cures and age systems ewage nent facility ergy- ent lighting ppliances	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season Example the monsoon season 2. Heavy rainfall is expected during 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	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. 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	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season MBMA 2. Contractor 3. DPMU - MLAMP MLAMP MLAMP MEAN 2. Contractor 3. DPMU - MLAMP MIAMP MIAMP MIAMP MIAMP MIAMP	naterials vated vated cures and age systems ewage ment facility ergy- ent lighting ppliances rage facility The roof of the infrastructure e 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	naterials vated vated age systems ewage ment facility ergy-ent lighting ppliances rage facility Teached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season where the requirements arage facility Teached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season where the requirements arage facility Teached up to 35 deg. C of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements Teached up to 35 deg. C of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements Teached up to 35 deg. C of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements Teached up to 35 deg. C of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements Teached up to 35 deg. C of a storage facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements The results of the sub-project. Hence cold storages may be installed in future as per the requirements The results of the sub-project. Hence cold storages may be installed in future as per the requirements The results of the sub-project. Hence cold storages may be installed in future as per the requirements The results of the sub-project. Hence cold storages may be installed in future as per the requirements The results of the sub-project. Hence cold storages may be installed in future as per the requirements The results of the sub-project. Hence cold storages may be installed in future as per the requirements The results of the sub-project. Hence cold storages may be installed in future as per the requirements The results of the sub-project. Hence cold storages may be installed in future as per the requirements The results of the sub-project. Hence cold storages may be installed in future as per the requirements The results of the sub-project. Hence cold st

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

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

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

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

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

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.
No	There is no usage of agrochemicals in this construction of farmers market
Yes	The construction of the farmers market is at a minor scale and does not cause any depletion and/or reduced flow of groundwater and/or surface water. There is already availability of ring well in this area.
No	The construction of the farmers market is at a minor scale and does not impact any local biodiversity
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.
	No Yes

Infrastructura davalanment		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 Infrastructure development 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)15. Does the project involve significant	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 The construction of the
extraction/diversion/containment of surface water, leaving the river flow below 20 per cent environmental flow plus downstream user requirements? (Guidance statement 7)		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		Server Leek-re
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche=620 Sqft. Storage=280 Sqft. Public toilet=330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Khrang, Laitkroh Khatarshnong is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social	-	· -
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	It is not a category A Project Reason: 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 contruction
NO, response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

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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			Additional
	Yes	No	response*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this subproject 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 weatherthat 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- lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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 subproject 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 subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	No	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required	
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required	
Yes, response to question 18	GHG assessment	For example, EX-ACT tool	
No response to almost	The climate risk classification	No further analysis is required,	
all questions	is low	but voluntary measures can be incorporated	



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Jatah, MawkynrewBlock, East Khasi Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

I			İ	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude: 25.25225,
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				′
				Elevation: 91.8 m
				Latitude: 25.283873,
13	South Garo Hills	Baghmara	Karukol	Longitude:
				90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
14	South Galo Hills	Dagiillara	Siju bazai	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
			Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
			Trial Net	Elevation: 61.38 m
				Latitude:
				25°58'12.0"N,
17	Ri Bhoi	Jirang	Amsohbir	
				Longitude: 91 32'
				59.4" E
4.0				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongsha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
	2001 141001 111110	Khatarshnong	Diengrymmong	Ele:1886.21+2m
				Lat:25.322077,
23	East Khasi Hills	Khatarshnong	Khrang	Lat.25.322077, Long:91.796674,
23	East Miasi Hills	Laitkroh	Nitially	Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
				2, Elevation:
				803.04m
				Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
	Zuot Tamoi I IIIIo			Ele:1667.22+8m

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

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

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

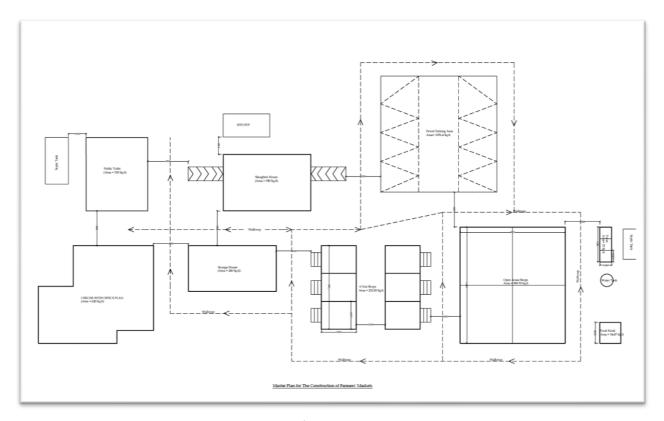
1.2 Sub-project Description:

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

Sl. No	District	Block	Locat ion	GPS Location	No of villa ges cove r	Near by mark et and dista nce	Commo dities
21	East Khasi Hills	Mawky nrew	Jatah	Lat:25.407866, Long92.043784, Ele:1486.11+8m	12	Jatah, 50 m	broom grass, potato, orange

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

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



Project Plan Drawing

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

Beneficiaries:

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

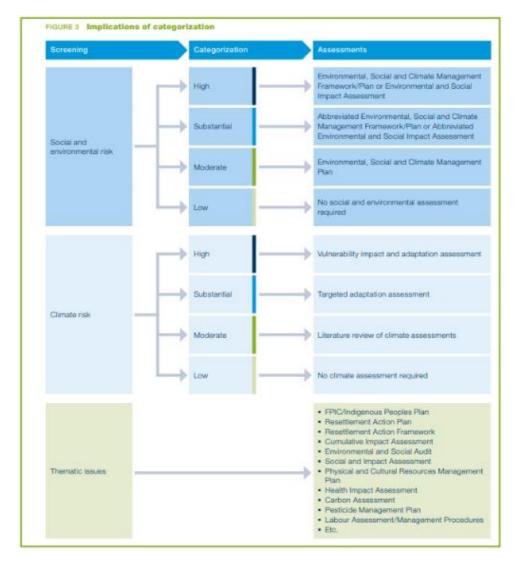
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Jatah, Mawkynrew, 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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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 subproject	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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

c or chiliate-	1. During summer the	1.	Desig	1. ED,	1. Regular	ED -	Prior and
	temperature may	Construction	n	Technical -	inspection of	Technical,	during the construction
0	1 2			MBMA	_	MBMA	phase
evated tures and age systems	2. Heavy rainfall is expected during the monsoon season	facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to		2. Contractor 3. DPMU -	materials and structures 2. Monitor drainage system effectiveness	MBMA	phase
r t i e e	naterials vated ures and age systems ewage nent facility ergy- ent lighting ppliances	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season rage systems ewage nent facility ergy- ent lighting ppliances rage facility	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. 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	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. 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	reached up to 35 deg. C Vated ures and age systems exactly and age systems are and age systems of the sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any	reached up to 35 deg. C vated ures and age systems awage ment facility argy—mit lighting popliances rage facility rage facility rage facility reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season Provided 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	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season The sub-project is sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

Proposed Farmer's market Location at Jatah, Mawkynrew block					
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables				
Farm ponds of varying sizes	Enterprise development				
Construction of check dams	Integrated production and marketing clusters				
Land husbandry activities	Market infrastructure including rural roads				
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.				
Lift and diversion-based irrigation systems	Establishment of producer groups				
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms				
3. Location of the proposed sub	-project				
Name of the Region in Meghalaya	Meghalaya				
Name of the District East Khasi Hills					
Name of the Block	Mawkynrew				
Name of the Settlement	Jatah				
Latitude	25.407866 N				
Longitude	92.043784 E				

Questions for environment and social screening	Yes/no	Comments/explanation					
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.							
Project location: Jatah, Mawkynrew, East Kh	Project location: Jatah, Mawkynrew, East Khasi Hills District						
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Jatah, Mawkynrew is not situated on any wetlands nor any wetland is situated within 1Km radius					
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Jatah, Mawkynrew is already obtained and available.					
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof 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.

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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

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	The construction of the farmers market is at a minor scale and does not include construction/
long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)	rehabilitation/upgrade of roads above 10 Km

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.

44 75	.	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Jatah, Mawkynrew 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, orimpacting 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.

Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	It is not a category A Project Reason: 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
NO, response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	19 clarifies that no pest management plan is required 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 contruction
NO, response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

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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			Additional
	Yes	No	response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Jongsha, MawkynrewBlock, East Khasi Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

I			İ	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude: 25.25225,
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				,
				Elevation: 91.8 m
				Latitude: 25.283873,
13	South Garo Hills	Baghmara	Karukol	Longitude:
				90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
14	South Galo Hills	Dagiillara	Siju bazai	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
			Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
			Trial Net	Elevation: 61.38 m
				Latitude:
				25°58'12.0"N,
17	Ri Bhoi	Jirang	Amsohbir	
				Longitude: 91 32'
				59.4" E
4.0				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongsha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
			Jacan	Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
	2001 141001 111110	Khatarshnong	Diengrymmong	Ele:1886.21+2m
				Lat:25.322077,
23	East Khasi Hills	Khatarshnong	Khrang	Lat.25.322077, Long:91.796674,
23	East Miasi Hills	Laitkroh	Nitially	Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
			Laitty1a	2, Elevation:
				803.04m
				Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

1.2 Sub-project Description:

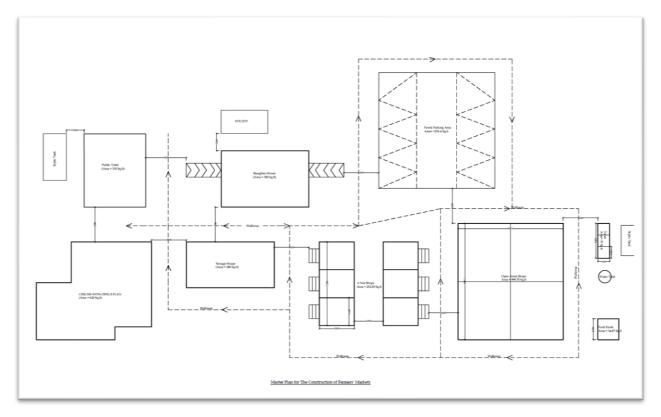
This ESCMP is being developed for the market construction at Jongksha within Mawkynrew Block in East Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Block	Loca tion	GPS Location	No of villa ges cove r	Nearb y market and distanc e	Commo dities
	East	Marular	Ionas	Lat:25.468343,		Iewryn	Potato,
1	Khasi	Mawky	Jongs	Long91.972646,	9	ghep	vegetabl
	Hills	nrew	ha	Ele:1669.34+6m		10km	es

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 faciltiy
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

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

Beneficiaries:

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

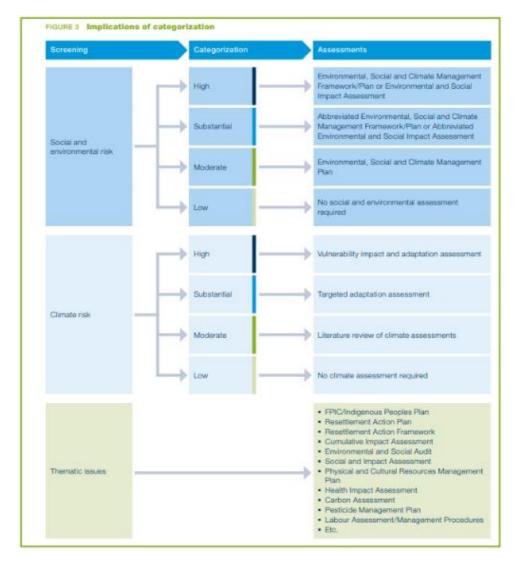
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Jongsha, Mawkynrew, 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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

c or chilitate	1. During summer the	1.	Desig	1. ED,	1. Regular	ED -	Prior and
	temperature may	Construction	n	Technical -	inspection of	Technical,	during the construction
0	1 2			MBMA	_	MBMA	phase
evated tures and age systems	2. Heavy rainfall is expected during the monsoon season	facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to		2. Contractor 3. DPMU -	materials and structures 2. Monitor drainage system effectiveness	MBMA	phase
r t i e e	naterials vated ures and age systems ewage nent facility ergy- ent lighting ppliances	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season rage systems ewage nent facility ergy- ent lighting ppliances rage facility	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. 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	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. 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	reached up to 35 deg. C Vated ures and age systems exactly and age systems are and age systems of the sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any	reached up to 35 deg. C vated ures and age systems awage ment facility argy—mit lighting popliances rage facility rage facility rage facility reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season Provided 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	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season The sub-project is sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any The sub-project is part of the sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Jongsha, Mawkynrew block			
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables			
Farm ponds of varying sizes	Enterprise development			
Construction of check dams	Integrated production and marketing clusters			
Land husbandry activities	Market infrastructure including rural roads			
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.			
Lift and diversion-based irrigation systems	Establishment of producer groups			
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms			
3. Location of the proposed sub	-project			
Name of the Region in Meghalaya	Meghalaya			
Name of the District	East Khasi Hills			
Name of the Block	Mawkynrew			
Name of the Settlement	Jongsha			
Latitude	25.468343 N			
ongitude 91.972646 E				

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

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

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

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

44 75	b /	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Jongsha, Mawkynrew 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) 34. Would the project result in physical resettlement of 20 people or less, orimpacting less than 10 	No No	The project location away from such structures and the nearest village is 1 kms away No impact on household and no displacement as the location is on a barren
per cent of an individual household's assets (Guidance statement 13)? 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.

Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	It is not a category A Project Reason: 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
NO, response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	19 clarifies that no pest management plan is required 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 contruction
NO, response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

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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			Additional
	Yes	No	response*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this subproject 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 weatherthat 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- lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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. Considerationshould 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 classificationis high	A detailed analysis is required		
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required		
Yes, response to question 18	GHG assessment	For example, EX-ACT tool		
No response to almost	The climate risk classification	No further analysis is required,		
all questions	is low	but voluntary measures can be incorporated		



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Kyrphei, Mawphlang Block, East Khasi Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

I			İ	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude: 25.25225,
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				′
				Elevation: 91.8 m
				Latitude: 25.283873,
13	South Garo Hills	Baghmara	Karukol	Longitude:
				90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
14	South Galo Hills	Dagiillara	Siju bazai	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
			Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
			Trial Net	Elevation: 61.38 m
				Latitude:
	Ri Bhoi			25°58'12.0"N,
17		Jirang	Amsohbir	
				Longitude: 91 32'
				59.4" E
4.0				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongsha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
	2001 141001 111110	Khatarshnong	Diengrymmong	Ele:1886.21+2m
				Lat:25.322077,
23	East Khasi Hills	Khatarshnong	Khrang	Lat.25.322077, Long:91.796674,
23	East Miasi Hills	Laitkroh	Nitially	Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
				2, Elevation:
				803.04m
				Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
		widw priming		Ele:1667.22+8m

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

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

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

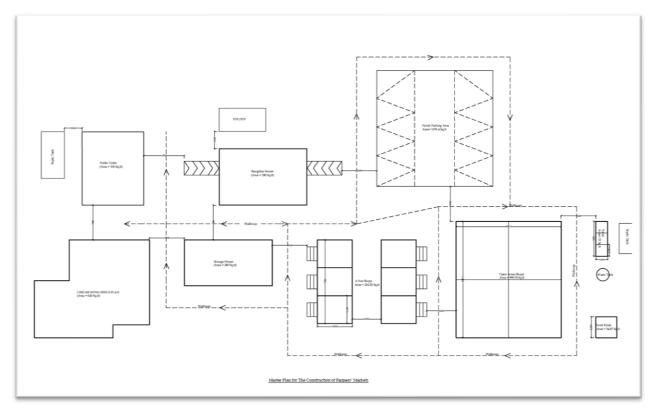
1.2 Sub-project Description:

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

S1. No	District	Block	Locat ion	GPS Location	No of villa ges cove r	Near by mark et and dista nce	Commo dities
25	East Khasi Hills	Mawph lang	Kyrp hei	Lat:25.38642, Long:91.651403, Ele:1667.22+8m	5	Tyrs ad 3 km	potato, beans, carrot and other vegetabl es

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 faciltiy
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

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

Beneficiaries:

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

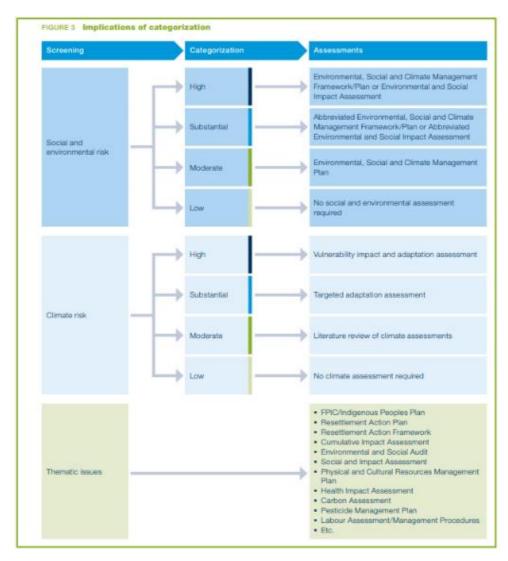
1.3 Objective of Environment and Social Screening Study

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

constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Kyrphei, Mawphlang, East Khasi Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

c or chiliate-	1. During summer the	1.	Desig	1. ED,	1. Regular	ED -	Prior and
	temperature may	Construction	n	Technical -	inspection of	Technical,	during the construction
0	1 2			MBMA	_	MBMA	phase
evated tures and age systems	2. Heavy rainfall is expected during the monsoon season	facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to		2. Contractor 3. DPMU -	materials and structures 2. Monitor drainage system effectiveness	MBMA	phase
r t i e e	naterials vated ures and age systems ewage nent facility ergy- ent lighting ppliances	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season rage systems ewage nent facility ergy- ent lighting ppliances rage facility	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. 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	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. 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	reached up to 35 deg. C Vated ures and age systems exactly and age systems are and age systems of the sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any	reached up to 35 deg. C vated ures and age systems awage ment facility argy—mit lighting popliances rage facility rage facility rage facility reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season Provided 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	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season The sub-project is sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any The sub-project is part of the sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Kyrphei, Mawphlang block		
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables		
Farm ponds of varying sizes	Enterprise development		
Construction of check dams	Integrated production and marketing clusters		
Land husbandry activities	Market infrastructure including rural roads		
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.		
Lift and diversion-based irrigation systems	Establishment of producer groups		
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms		
3. Location of the proposed sub	-project		
Name of the Region in Meghalaya	Meghalaya		
Name of the District	East Khasi Hills		
Name of the Block	Mawphlang		
Name of the Settlement	Kyrphei		
Latitude	25.38642 N		
Longitude	91.651403 E		

Questions for environment and social screening	Yes/no	Comments/explanation			
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.					
Project location: Kyrphei, Mawphlang, East	Khasi Hills Distri	ict			
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Kyrphei, Mawphlang is not situated on any wetlands nor any wetland is situated within 1Km radius			
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Kyrphei, Mawphlang is already obtained and available.			
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof 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.

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

44 75	b /	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Kyrphei, Mawphlang is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social	L	
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, orimpacting 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.

Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	It is not a category A Project Reason: 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
NO, response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	19 clarifies that no pest management plan is required 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 contruction
NO, response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

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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			Additional
	Yes	No	response*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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. Considerationshould 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 classificationis high	A detailed analysis is required	
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required	
Yes, response to question 18	GHG assessment	For example, EX-ACT tool	
No response to almost	The climate risk classification	No further analysis is required,	
all questions	is low	but voluntary measures can be incorporated	



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Phlangwanbroi, Mawsynram Block, East Khasi Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
12	South Garo Hills	Chalmat	Silki Bazar	Longitude:
12	South Garo Hills	Chokpot	SIIKI Dazai	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
13	South Garo Hills	Baghmara	Karukol	Longitude:
13	South Galo Tillis	Dagiiiiaia	Ratukoi	90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
	South Guio Timo	Dagimara	Sija Bazai	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	South Garo Hills	Gasuapara	Cherengpara	Longitude:
		Gusuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	Ri Bhoi	Jirang	Amsohbir	25°58'12.0"N,
				Longitude: 91 32'
				59.4" E
10				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
10	TA7 (T - 1 - 1 - 1 T 1 1 1 -	Thadlaskein	Nonglatem	Latitude:25.613616,
19	West Jaintia Hills			Longitude:
				92.190648
20	Fact Wheei Hills	Marylannary	Longoha	Lat:25.468343, Long91.972646,
20	East Khasi Hills	Mawkynrew	Jongsha	Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Marykryprory	Jatah	Long92.043784,
21	East Knasi Hills	Mawkynrew	Jatan	Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
	East Khasi Tillis	Khatarshnong	Dictignythinolig	Ele:1886.21+2m
				Lat:25.322077,
23	East Khasi Hills	Khatarshnong	Khrang	Lat.23.322077, Long:91.796674,
	Laut IXIIIII	Laitkroh	Tunung	Ele:1321.83+14m
				Latitude:25.209024,
	East Khasi Hills She		Laittyra	Longitude:91.73797
24		Shella Bholaganj		2, Elevation:
				803.04m
				Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
	Zuot Isluoi I IIIIo	1410 A Lucile	Tylphol	Ele:1667.22+8m
				LIC.1007.22 0111

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

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

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

1.2 Sub-project Description:

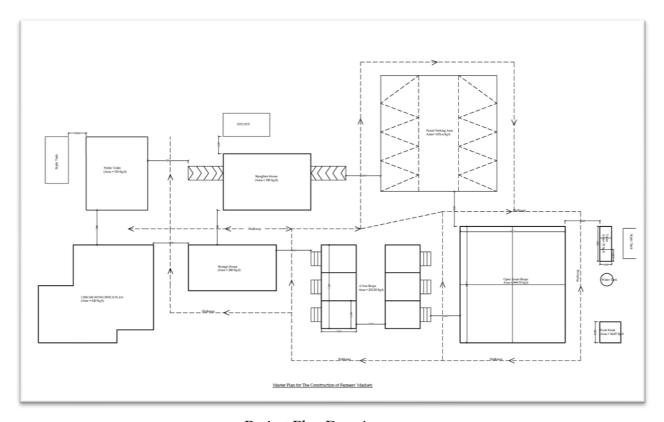
This ESCMP is being developed for the market construction at Phlangwanbroi within Mawsynram Block in East Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Block	Locatio n	GPS Location	No of vill ages cov er	Nearby market and distanc e	Comm odities
1	East Khasi Hills	Maws ynram	Phlang wanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m	39	Mawsy nram- 14 km	Pepper Bayleaf, jackfrui t, broom grass, arecanu t

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 faciltiy
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

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

Beneficiaries:

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

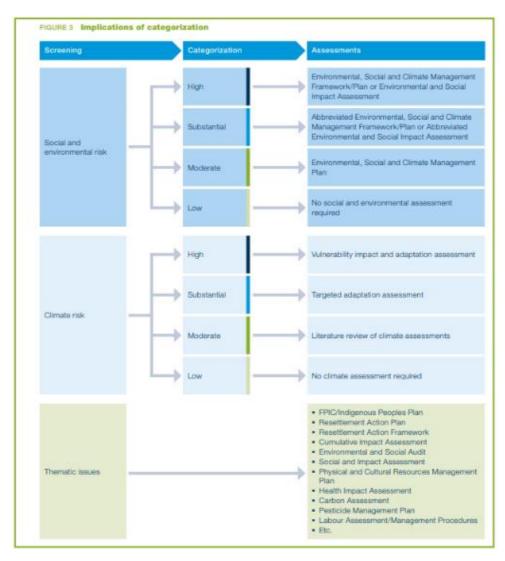
1.3 Objective of Environment and Social Screening Study

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

constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Phlangwanbroi, Mawsynram, East Khasi Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

c or chilitate	1. During summer the	1.	Desig	1. ED,	1. Regular	ED -	Prior and
	temperature may	Construction	n	Technical -	inspection of	Technical,	during the construction
0	1 2			MBMA	_	MBMA	phase
evated tures and age systems	2. Heavy rainfall is expected during the monsoon season	facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to		2. Contractor 3. DPMU -	materials and structures 2. Monitor drainage system effectiveness	MBMA	phase
r t i e e	naterials vated ures and age systems ewage nent facility ergy- ent lighting ppliances	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season rage systems ewage nent facility ergy- ent lighting ppliances rage facility	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. 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	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. 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	reached up to 35 deg. C Vated ures and age systems exactly and age systems are and age systems of the sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any	reached up to 35 deg. C vated ures and age systems awage ment facility argy—mit lighting popliances rage facility rage facility rage facility reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season Provided 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	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season The sub-project is sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any The sub-project is part of the sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Phlangwanbroi, Mawsynram block			
2. Type of proposed activity (tie	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables			
Farm ponds of varying sizes	Enterprise development			
Construction of check dams	Integrated production and marketing clusters			
Land husbandry activities	Market infrastructure including rural roads			
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.			
Lift and diversion-based irrigation systems	Establishment of producer groups			
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms			
3. Location of the proposed sub-	-project			
Name of the Region in Meghalaya	Meghalaya			
Name of the District	East Khasi Hills			
Name of the Block	Mawsynram			
Name of the Settlement	Phlangwanbroi			
Latitude	25.249085 N			
Longitude 91.489027 E				

Questions for environment and social screening	Yes/no	Comments/explanation		
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.				
Project location: Phlangwanbroi, Mawsynra	m, East Khasi Hil	ls District		
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Phlangwanbroi, Mawsynram is not situated on any wetlands nor any wetland is situated within 1Km radius		
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Phlangwanbroi, Mawsynram is already obtained and available.		
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof 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.

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

44 75	b /	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Phlangwanbroi, Mawsynram is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 contruction
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			Additional
	Yes	No	response*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Laittyra, Shella Bholaganj Block, East Khasi Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Block Location	
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

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

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

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

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

1.2 Sub-project Description:

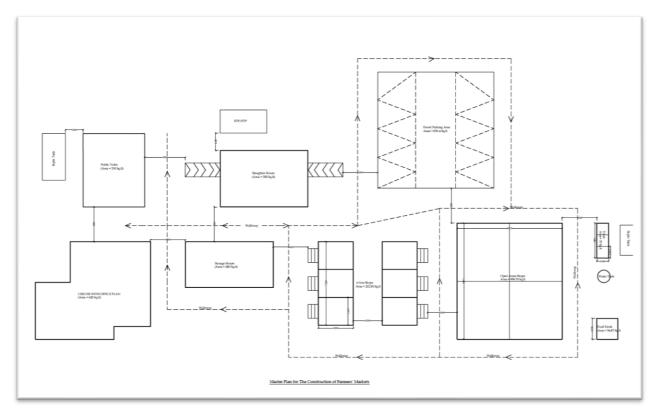
This ESCMP is being developed for the market construction at Laittyra within Shella Bholaganj Block in East Khasi Hills district. The other details of the location are as follows:

S1. No	District	Block	Loca tion	GPS Location	No of vill age s cov er	Nea r by mar ket and dist ance	Comm odities
1	East Khasi Hills	Shella Bholaga nj	Laitt yra	Latitude:25.209024, Longitude:91.737972, Elevation: 803.04m	10	Sohr a 20k m	Arecan ut, broom stick, Bay leaf, Wild pepper, Black pepper,

				Jack fruit

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 faciltiy
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

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

Beneficiaries:

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

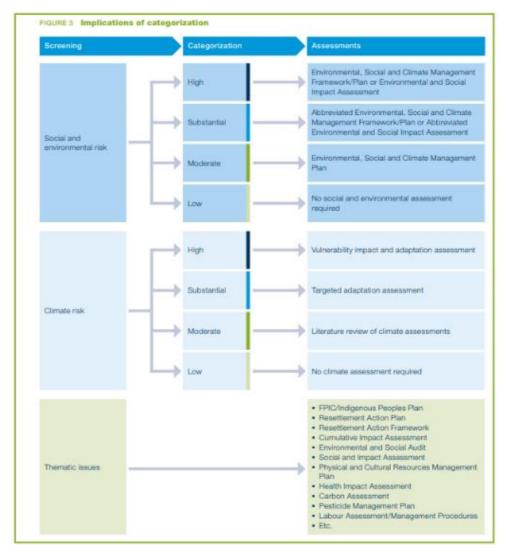
produced. The beneficary villagers are from nearby 10 villages and other nearest centre from this area is Sohra which is 20 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Laittyra, Shella Bholaganj, East Khasi Hills District



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

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

Sl. No.	Principle Activity		Principle Activity Anticipated Impact/Risk		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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

4	Human Rights	Fair labor practices Accessibility for all vendors and customers	Labor exploitation Discrimination	4. The farmers will get market shed to sell their products, local goods and will be economically benefited 1. Implement fair wage policies 2. Ensure market accessibility for people with	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	Initial public consultation before land allocation and construction of the markets 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	disabilities 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	3. Toilet		capacity and			2. Availability of		

faci	ility	neet the	the water during	
4. Stor	-	ncreasing	the construction	
faci	ility	demand in		
5. Sew	vage	ngricultural		
		produce and		
nt		sustain the		
facil	llity	ivelihood of		
		he people		
		2. The		
		construction of the		
		of the carmers		
		narket is at		
		a minor		
		scale and		
		does not		
		cause any		
		depletion		
	a	and/or		
		reduced		
		flow of		
	[groundwate		
	ļ r	and/or		
		surface		
		water. There		
		s already		
		availability		
		of ring well n this area.		
		11 11115 11161.		

Climate	1. Use of climate-	1. During summer the	1.	Desig	1. ED,	1. Regular	ED -	Prior and
	resilient design	temperature may	Construction	n costs	Technical -	inspection of	Technical,	during the construction
A 4					MBMA	_	MBMA	phase
n	and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy- efficient lighting and appliances 4. Storage facility	monsoon season	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 infrastructur e 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		MBMA 2. Contractor 3. DPMU - MLAMP	materials and structures 2. Monitor drainage system effectiveness	MBMA	phase

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Laittyra, Shella Bholaganj block				
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables				
Farm ponds of varying sizes	Enterprise development				
Construction of check dams	Integrated production and marketing clusters				
Land husbandry activities	Market infrastructure including rural roads				
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.				
Lift and diversion-based irrigation systems	Establishment of producer groups				
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms				
3. Location of the proposed sub	-project				
Name of the Region in Meghalaya	Meghalaya				
Name of the District	East Khasi Hills				
Name of the Block	Shella Bholaganj				
Name of the Settlement	Laittyra				
Latitude	25.209024 N				
Longitude	91.737972 E				

Questions for environment and social screening	Yes/no	Comments/explanation				
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.						
Project location: Laittyra, Shella Bholaganj,	East Khasi Hills L	District				
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Laittyra, Shella Bholaganj is not situated on any wetlands nor any wetland is situated within 1Km radius				
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Laittyra, Shella Bholaganj is already obtained and available.				
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof 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.

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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

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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

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.

 14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7) 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? 	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 The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/conta
(Guidance statement 7)	<u> </u>	inment of surface water
Social		
16. Would the project result in economic displacement of 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		0. 200 1.00
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Laittyra, Shella Bholaganj is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social	-	
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project
questions between 1 and 21	social category is not a category A	Reason: 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 contruction
NO, response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

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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			Additional
	Yes	No	response*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this subproject 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 weatherthat 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- lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
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?	N	10	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?	N	lo	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)?	N		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?	N	lo	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?	N		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?	N		The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	lo	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	lo	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Adokgre Bazar, Kharkutta block, North Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

1	1	1	1	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
			OUT 1 D	Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
10	6 4 6 1711	D 1	TC 1 1	Longitude:
13	South Garo Hills	Baghmara	Karukol	90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
1.4	Carrella Carra IIIIIa	D1	C'' Para	Longitude:
14	South Garo Hills	Baghmara	Siju Bazar	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	0 4 0 1711	C	Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	Ri Bhoi	Timere	Amsohbir	25°58'12.0"N,
17	KI DIIOI	Jirang	Amsonbir	Longitude: 91 32'
				59.4" E
	West Jaintia Hills	Amlarem		Latitude:25.185468,
18			Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
		Laitkroh		Lat:25.434268,
22	East Khasi Hills	Khatarshnong	Diengkynthong	Long:91.803498,
				Ele:1886.21+2m
		Khatarshnong		Lat:25.322077,
23	East Khasi Hills	Laitkroh	Khrang	Long:91.796674,
				Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
	Last Miasi I IIIIs	Jiena Diolagail	<i>y</i> -	2, Elevation:
				803.04m
		1.		Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

1.2 Sub-project Description:

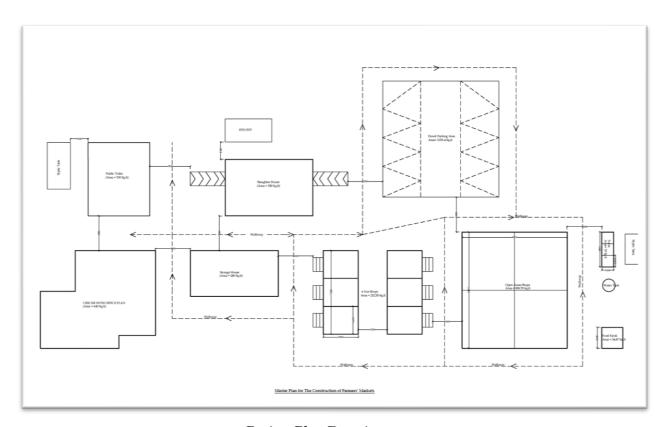
This ESCMP is being developed for the market construction at Adokgre Bazar within Kharkutta Block in North Garo Hills district. The other details of the location are as follows:

S1. No	District	Bloc k	Locatio n	GPS Location	No of vill ages cov er	Nearby market and distance	Comm odities
4	North Garo Hills	Khar kutta	Adokgr e Bazar	Latitude:25.883751, Longitude:91.002282, Elevation:82.64+7m	39	Dhudar a, 12km	Paddy, arecanu t, banana, ginger, black pepper, litchi, Burmes e grape, jackfrui t, rubber, pineap

		ple,
		oranges
		, and
		seasona
		1
		vegetab
		les

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 faciltiy
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

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

Beneficiaries:

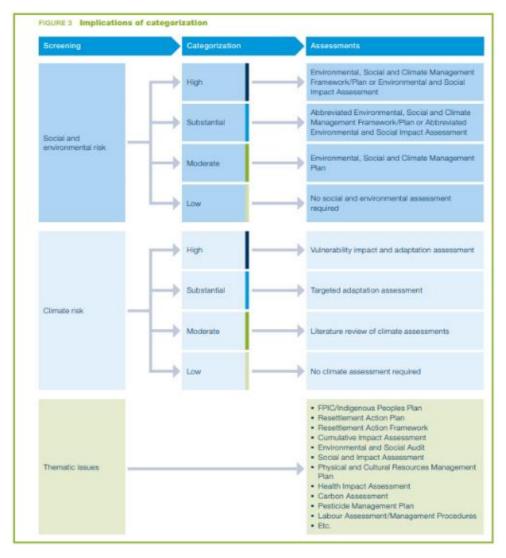
Through this market shade the farmers can sell products Paddy, arecanger, banana, ginger, black pepper, litchi, Burmese grap, jackfruit, rubber, pineapple, oranges, and seasonal vegetables, among others which are locally produced. The beneficary villagers are from nearby 39 villages and other nearest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

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation 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 Adokgre Bazar, Kharkutta, North Garo Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

4	Human Rights	Fair labor practices Accessibility for all vendors and customers	Labor exploitation Discrimination	4. The farmers will get market shed to sell their products, local goods and will be economically benefited 1. Implement fair wage policies 2. Ensure market accessibility for people with	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	Initial public consultation before land allocation and construction of the markets 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	disabilities 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	3. Toilet		capacity and			2. Availability of		

faci	ility	neet the	the water during	
4. Stor	-	ncreasing	the construction	
faci	ility	demand in		
5. Sew	vage	ngricultural		
		produce and		
nt		sustain the		
facil	llity	ivelihood of		
		he people		
		2. The		
		construction of the		
		of the carmers		
		narket is at		
		a minor		
		scale and		
		does not		
		cause any		
		depletion		
	a	and/or		
		reduced		
		flow of		
	[groundwate		
	ļ r	and/or		
		surface		
		water. There		
		s already		
		availability		
		of ring well n this area.		
		11 11115 11161.		

Climate	1. Use of climate-	1. During summer the	1.	Desig	1. ED,	1. Regular	ED -	Prior and
	resilient design	temperature may	Construction	n costs	Technical -	inspection of	Technical,	during the construction
A 4					MBMA	_	MBMA	phase
n	and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy- efficient lighting and appliances 4. Storage facility	monsoon season	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 infrastructur e 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		MBMA 2. Contractor 3. DPMU - MLAMP	materials and structures 2. Monitor drainage system effectiveness	MBMA	phase

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Adokgre Bazar, Kharkutta block			
2. Type of proposed activity (t	ick 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/ Insitu 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	p-project			
Name of the Region in Meghalaya	Meghalaya			
Name of the District	North Garo Hills			
Name of the Block	ne of the Block Adokgre Bazar			
Tame of the Settlement Kharkutta				
Latitude	25.883751 N			
Longitude	91.002282 E			

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

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

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

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

Infractructura davalonment		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 Infrastructure development 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

	h .	
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/conta inment of surface water
Social		
16. Would the project result in economic displacement of 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		printigerione proper
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environn	nental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Adokgre Bazar, Kharkutta is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Guidance for categorization						
Yes response to any questions between 1 and 21	Environmental and social category is not a category A	It is not a category A Project Reason: ♣ NO to question 16 ♣ 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 contruction				
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			Additional	
	Yes	No	response*	
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area	
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones	
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted	
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past	
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events	

events?		
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	No	This location will be used for construction of a farmer market. The target group
climate trends or specific climatic events?		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 subproject 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 subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	No	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Baghabatta, Kharkutta block, North Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	t Garo Hills Dambo Rongjeng Dimre		Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

1	1	1	1	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
			OUT 1 D	Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
10	6 4 6 1711	D 1	TC 1 1	Longitude:
13	South Garo Hills	Baghmara	Karukol	90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
1.4	Carrella Carra IIIIIa	D1	C'' Para	Longitude:
14	South Garo Hills	Baghmara	Siju Bazar	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	Carrella Carra IIIIIa	C	Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	Ri Bhoi	Timere	A 1-1-i	25°58'12.0"N,
17	NI DIIOI	Jirang	Amsohbir	Longitude: 91 32'
				59.4" E
				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
			Nonglatem	Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein		Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
		Laitkroh		Lat:25.434268,
22	East Khasi Hills	Khatarshnong	Diengkynthong	Long:91.803498,
				Ele:1886.21+2m
		Khatarshnong		Lat:25.322077,
23	East Khasi Hills	Laitkroh	Khrang	Long:91.796674,
				Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
	Lust Miusi I IIIIs	Jiena Diolaganj	<i>y</i> -	2, Elevation:
				803.04m
		1.		Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

1.2 Sub-project Description:

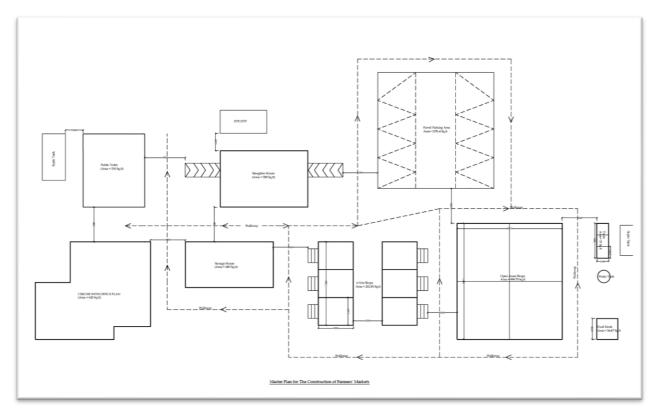
This ESCMP is being developed for the market construction at Baghabatta within Kharkutta Block in North Garo Hills district. The other details of the location are as follows:

Sl. No	Distric t	Bloc k	Loca tion	GPS Location	No of vill age s cov er	Nearby market and distance	Comm odities
1	North Garo Hills	Khar kutta	Bagh abatt a	Latitude:25.922911, Longitude:90.860066, Elevation:78.8+3m	20	Kharkutta Bazaar, 4km	Paddy, arecanut , banana, ginger, black pepper, litchi, Burmese grape, jackfruit, rubber, pineappl e, turmeric

			and
			seasonal
			vegetabl
			es

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 faciltiy
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

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

Beneficiaries:

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

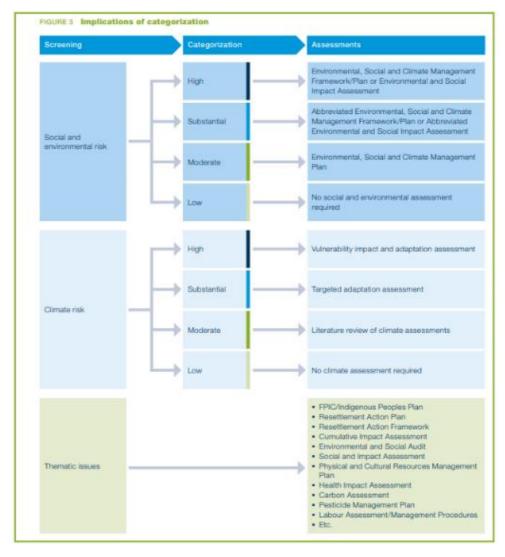
and seasonal vegetables, among others which are locally produced. The beneficary villagers are from nearby 20 villages and other nearest centre from this area isKharkutta Bazaar which is 4 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Baghabatta, Kharkutta, North Garo Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

	Manage Biole			4. The farmers will get market shed to sell their products, local goods and will be economically benefited	1. Labor audits	Market
4	Human Rights	Fair labor practices Accessibility for all vendors and customers	Labor exploitation Discrimination	1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	2. Accessibility checks	Committee
5	Stakeholder Engagement	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Envisorment					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface		
	water. There		
	is already		
	availability		
	of ring well		
	in this area.		

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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 b-project Baghabatta, Kharkutta block					
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables					
Farm ponds of varying sizes	Enterprise development					
Construction of check dams	Integrated production and marketing clusters					
Land husbandry activities	Market infrastructure including rural roads					
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.					
Lift and diversion-based irrigation systems	Establishment of producer groups					
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms					
3. Location of the proposed sub	-project					
Name of the Region in Meghalaya	Meghalaya					
Name of the District North Garo Hills						
Name of the Block	Baghabatta					
Name of the Settlement	e of the Settlement Kharkutta					
Latitude	25.922911 N					
ongitude 90.860066 E						

Questions for environment and social screening	Yes/no	Comments/explanation				
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.						
Project location: Baghabatta, Kharkutta, East Garo Hills District						
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Baghabatta, Kharkutta is not situated on any wetlands nor any wetland is situated within 1Km radius				
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Baghabatta, Kharkutta is already obtained and available.				
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof 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.

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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

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	The construction of the farmers market is at a minor scale and does not include construction/
long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)	rehabilitation/upgrade of roads above 10 Km

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.

44 75	b /	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Baghabatta, Kharkutta is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Guidance for categoriza		
Yes response to any questions between 1 and 21	Environmental and social category is not a category A	It is not a category A Project Reason: ♣ NO to question 16 ♣ 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 contruction
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*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
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?	N	Io	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?	N	lo	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)?	N		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?	N	lo	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?	N		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?	N		The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	lo	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	lo	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Amsohbir, Jirang Block, Ri-Bhoi District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

I			İ	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude: 25.25225,
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				,
				Elevation: 91.8 m
				Latitude: 25.283873,
13	South Garo Hills	Baghmara	Karukol	Longitude:
				90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
14	South Galo Hills	Dagiiiiaia	Siju bazai	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
			Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
			Trial Net	Elevation: 61.38 m
				Latitude:
				25°58'12.0"N,
17	Ri Bhoi	Jirang	Amsohbir	
				Longitude: 91 32'
				59.4" E
4.0				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongsha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
	2001 141001 111110	Khatarshnong	Diengrymmong	Ele:1886.21+2m
				Lat:25.322077,
23	East Khasi Hills	Khatarshnong	Khrang	Lat.25.322077, Long:91.796674,
23	East Miasi Hills	Laitkroh	Nitially	Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
				2, Elevation:
				803.04m
				Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

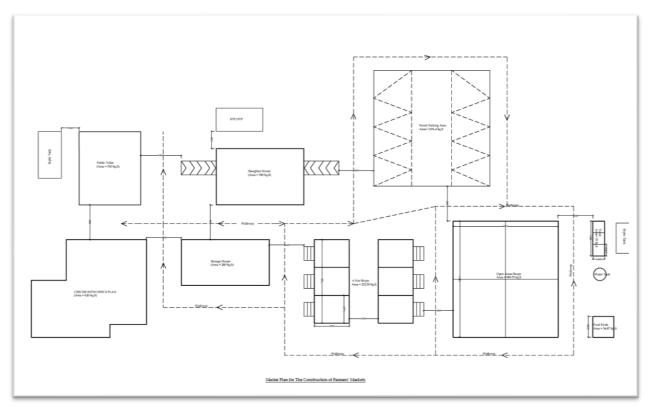
1.2 Sub-project Description:

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

S1. No	Dist rict	Blo ck	Locat ion	GPS Location	No of villa ges cove r	Near by mar ket and dista nce	Commodities
1	Ri Bhoi	Jira ng	Amso hbir	Latitude: 25°58'12.0"N, Longitude: 91 32' 59.4" E	22	Iew Jiran g - 10 km from exist ing mar ket	Broom grass, bay leaf, oranges

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

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



Project Plan Drawing

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

Beneficiaries:

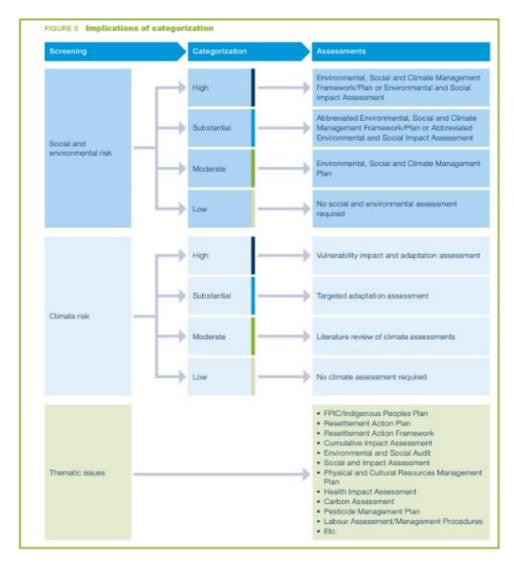
Through this market shade the farmers can sell products such as Broom grass, bay leaf, oranges, among others which are locally produced. The beneficary villagers are from nearby 22 villages and other nearest centre from this area is Iew Jirang which is 10 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Amsohbir, Jirang, Ri-Bhoi District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Prior and	ED -	1. Regular	1 ED.	Desig	1	1. During summer the	1 Use of climate-	Climate
during the	d	inspection of	Technical -	n	Construction	temperature may	resilient design	Change
phase		*		CODED		1 2	O	
construction phase		inspection of materials and structures 2. Monitor drainage system effectiveness	MBMA 2. Contractor 3. DPMU - MLAMP	C 03 . 0	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 infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	Adaptation
					slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining			

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

Proposed Farmer's market Location at Amsohbir, Jirang block						
2. Type of proposed activity (tick the applicable option and provide details)						
Protection and development of drinking water sources	Introduction of improved techniques of paddy, maize and millet cultivation					
Roof top water harvesting	Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;					
Construction of water harvesting structures and seepage tanks/ Insitu 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	lirang					
Name of the Settlement	Amsohbir					
Latitude	25°58'12.0 N					
Longitude	91 32' 59.4 E					

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

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

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

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

Infrastructura davalonment		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 Infrastructure development 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	rehabilitation/upgrade of roads above 10 Km

	h.	
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/conta inment of surface water
Social		
16. Would the project result in economic displacement of 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		mangement people
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Amsohbir, Jirang is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	It is not a category A Project Reason: 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 contruction
NO, response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

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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			Additional
	Yes	No	response*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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 subproject 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 subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	No	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required	
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required	
Yes, response to question 18	GHG assessment	For example, EX-ACT tool	
No response to almost	The climate risk classification	No further analysis is required,	
all questions	is low	but voluntary measures can be incorporated	



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Nongkhrah, Umling Block, Ri-Bhoi District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	3 North Garo Hills Kharkutta		Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills Selsella Kalchengg		Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

I			İ	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude: 25.25225,
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				′
				Elevation: 91.8 m
				Latitude: 25.283873,
13	South Garo Hills	Baghmara	Karukol	Longitude:
				90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
14	South Galo Hills	Dagiillara	Siju bazai	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
	South Garo Hills	Gasuapara	Cherengpara	Longitude:
16			Market	90.268763,
			Trial Net	Elevation: 61.38 m
				Latitude:
				25°58'12.0"N,
17	Ri Bhoi	Jirang	Amsohbir	
				Longitude: 91 32'
				59.4" E
4.0		Amlarem	Lamin	Latitude:25.185468,
18	West Jaintia Hills			Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongsha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
	2001 141001 111110	Khatarshnong	Diengrymmong	Ele:1886.21+2m
				Lat:25.322077,
23	Fact Khaci Lilla	Khatarshnong	Khrang	Lat.25.322077, Long:91.796674,
23	East Khasi Hills	Laitkroh	Nitially	Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
		Julia Diolagalij		2, Elevation:
				803.04m
				Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

1.2 Sub-project Description:

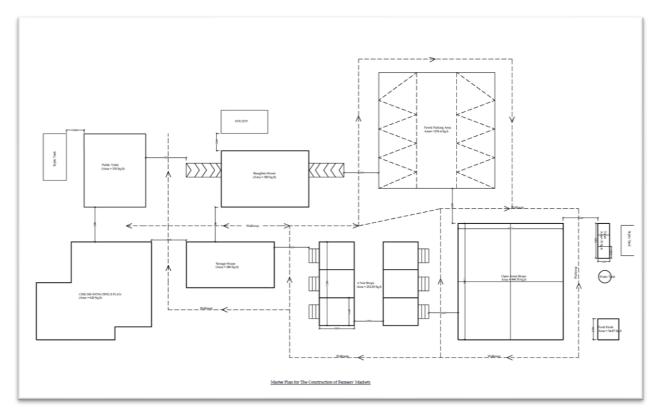
This ESCMP is being developed for the market construction at Nongkhrah within Umling Block in Ri-Bhoi district. The other details of the location are as follows:

SI · N o	Di str ict	B1 oc k	Loc atio n	GPS Location	No of vil lag es co ver	Nearb y mark et and distan ce	Commodities
1	Ri Bh oi	U ml in g	Non gkhr ah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m	15	Nong poh - 1km	Pineapple, Papaya, guava, oranges, capsicum and offseason vegetables

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

i. Main market shade with an office complex.

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



Project Plan Drawing

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

Beneficiaries:

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

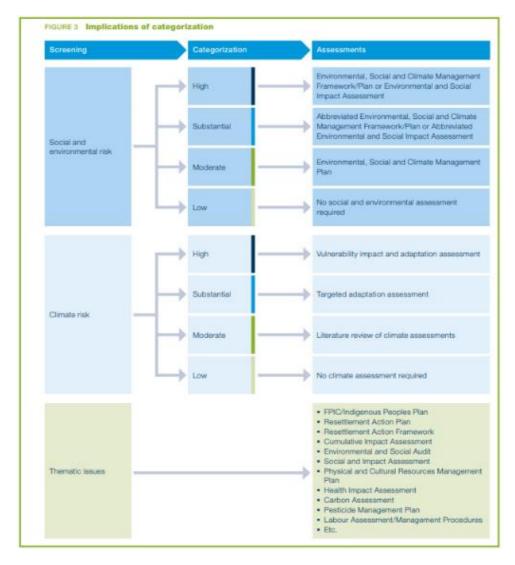
1.3 Objective of Environment and Social Screening Study

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

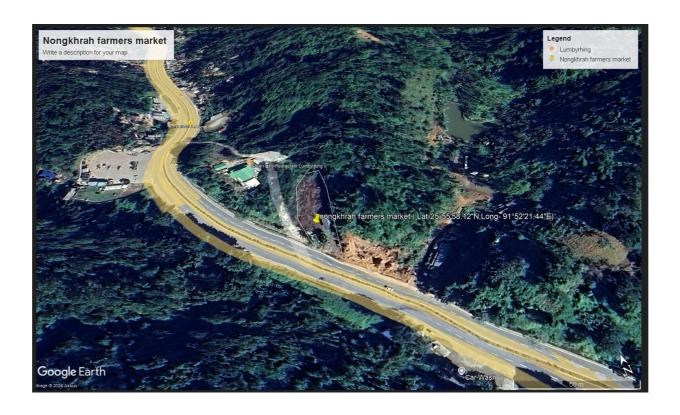
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



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 Nongkhrah, Umling, Ri-Bhoi District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					Institutional Responsibility			
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Prior and	ED -	1. Regular	1 ED.	Desig	1	1. During summer the	1 Use of climate-	Climate
during the	d	inspection of	Technical -	n	Construction	temperature may	resilient design	Change
phase		*		CODED		1 2	O	
construction phase		inspection of materials and structures 2. Monitor drainage system effectiveness	MBMA 2. Contractor 3. DPMU - MLAMP	C 03 . 0	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 infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	Adaptation
					slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining			

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project Proposed Farmer's market Location at Nongkhrah, Umling block						
2. Type of proposed activity (ti	ick 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/ Insitu 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	p-project					
Name of the Region in Meghalaya	Meghalaya					
Name of the District	Ri-Bhoi					
Name of the Block	Umling					
Nongkhrah Nongkhrah						
Latitude	25.932821 N					
Longitude	91.872594 E					

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

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

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

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

	h .	
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		indigenous people
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	rse environn	nental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Nongkhrah, Umling is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 contruction
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*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Cherengpara Market, Gasuapara Block, South Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

1	1	1	1	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
			OUT 1 D	Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
10	6 4 6 1711	D 1	TC 1 1	Longitude:
13	South Garo Hills	Baghmara	Karukol	90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
1.4	Carrella Carra IIIIIa	D1	C'' Para	Longitude:
14	South Garo Hills	Baghmara	Siju Bazar	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	South Garo Hills	C	Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	Ri Bhoi	Timere	Amsohbir	25°58'12.0"N,
17	KI DHOI	Jirang	Amsonoir	Longitude: 91 32'
				59.4" E
	West Jaintia Hills	Amlarem		Latitude:25.185468,
18			Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
		Laitkroh		Lat:25.434268,
22	East Khasi Hills	Khatarshnong	Diengkynthong	Long:91.803498,
				Ele:1886.21+2m
		Khatarshnong		Lat:25.322077,
23	East Khasi Hills	Laitkroh	Khrang	Long:91.796674,
				Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
	Last Miasi I IIIIs	onena bilolagalij	<i>y</i> -	2, Elevation:
				803.04m
		1.		Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

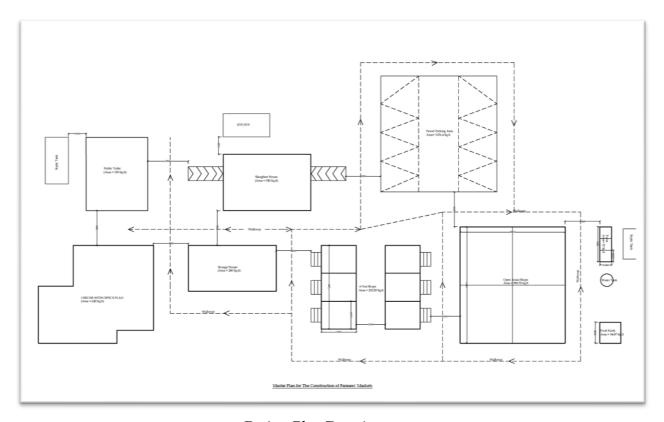
1.2 Sub-project Description:

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

S1 N o	Distr ict	Blo ck	Locati on	GPS Location	No of vil lag es co ve r	Nearby market and distanc e	Commodities
16	South Garo Hills	Gas uap ara	Cheren gpara Market	Latitude: 25.20836, Longitude: 90.268763, Elevation: 61.38 m	15	Chereng keragitti m 3 km	Arecanut, Jackfruit, Black pepper, Seasonal Vegetables etc.

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

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



Project Plan Drawing

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

Beneficiaries:

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

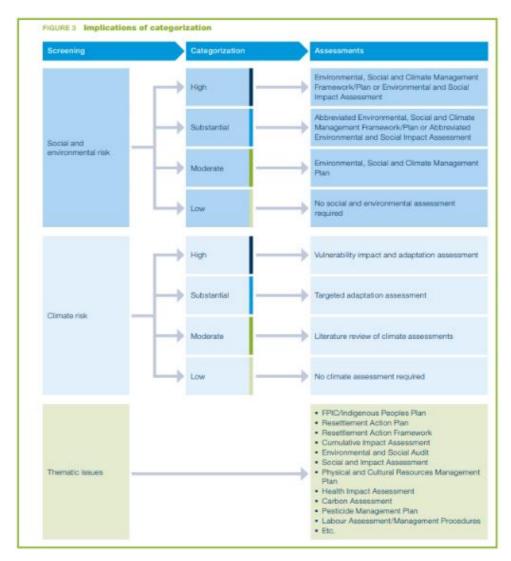
1.3 Objective of Environment and Social Screening Study

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

that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Cherengpara Market, Gasuapara, South Garo Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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
				of ring well in this area.		

2	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Englandant					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation /Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural		1. Development	1. The			1. Assessment on	ED -	During the construction
Resources		happening in areas	availability	costs	ED, Technical,	the new	Technical,	phase and after
	1. Main	where little up-to-date	of the			infrastructure to	MBMA	the market is operational
		information exists on	farmers		DPMU	be build. There		operational
	shade	(-11-1-	market in			are already		
		sustainable	this area will			constructed/unde		
		yield/carrying capacity	address the			r construction		
	complex 2. Slaughte	2. Sub-project rely on	problem of			shops funded by		
	Z. Slaughte	surface water	carrying			NEC		
	3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Prior and	ED -	1. Regular	1 ED.	Desig	1	1. During summer the	1 Use of climate-	Climate
during the	d	inspection of	Technical -	n	Construction	temperature may	resilient design	Change
phase		*		CODED		1 2	O	
construction phase		inspection of materials and structures 2. Monitor drainage system effectiveness	MBMA 2. Contractor 3. DPMU - MLAMP	C 03 . 0	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 infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	Adaptation
					slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining			

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Cherengpara Market, Gasuapara block		
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables		
Farm ponds of varying sizes	Enterprise development		
Construction of check dams	Integrated production and marketing clusters		
Land husbandry activities	Market infrastructure including rural roads		
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.		
Lift and diversion-based irrigation systems	Establishment of producer groups		
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms		
3. Location of the proposed sub	-project		
Name of the Region in Meghalaya	Meghalaya		
Name of the District	South Garo Hills		
Name of the Block	Gasuapara		
Name of the Settlement	Cherengpara Market		
Latitude	25.20836 N		
Longitude	90.268763 E		

Questions for environment and social screening	Yes/no	Comments/explanation	
	Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Cherengpara Market, Gasu	apara, South Gard	Hills District	
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Cherengpara Market, Gasuapara is not situated on any wetlands nor any wetland is situated within 1Km radius	
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Cherengpara Market, Gasuapara is already obtained and available.	
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof 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.

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

Infrastructure development		The waste management will be addressed through: 1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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 Yes	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of roads above 10 Km The construction of the
14. Does the project include drainage or correction of natural waterbodies (e.g. river training)? (Guidance statement 7)	les	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) Social	No	The construction of the farmers market is at a minor scale and will not involve significant extraction/diversion/conta inment of surface water
16. Would the project result in economic displacement ⁶⁴ or physical resettlement of more than 20 people, or impacting more than 10 per cent of an individual household's assets? (Guidance statement 13)	No	There is no settlement in the area of the farmer market. The nearest village is about 1 kms away.
17. Would the project result in conversion and/or loss of physical cultural resources? (Guidance statement 9)	No	The construction of the farmers market is on a barren land and does not result in conversion and/or loss of physical cultural resources
18. Would the project generate significant social adverse impacts to local communities (including disadvantaged and vulnerable groups and indigenous people) or other project-affected parties? (Guidance statement 13)	No	The construction of the farmers market will in fact bring together the local communities including disadvantaged and vulnerable groups and indigenous people
Other		
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft.

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

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

Category B the following may have some adver implications which can be readily remedied.	se environn	nental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Cherengpara Market, Gasuapara is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project	
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 contruction	
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*		
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area		
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones		
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted		
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past		
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events		

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT KARUKOL, BAGHMARA BLOCK, SOUTH GARO HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Karukol, Baghmara Block, South Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location	
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m	
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E	
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m	
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m	
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308	
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397	
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166	
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m	
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m	
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m	
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:	

1				89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
12			OUT 1 D	Longitude:
	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
10	6 4 6 1711		***	Longitude:
13	South Garo Hills	Baghmara	Karukol	90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
1.4	Carrella Carra IIIIIa	D1	C'' Para	Longitude:
14	South Garo Hills	Baghmara	Siju Bazar	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	Carrella Carra IIIIIa	C	Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	Ri Bhoi	Timene	A 1-1-i	25°58'12.0"N,
17	Ki bhoi	Jirang	Amsohbir	Longitude: 91 32'
				59.4" E
				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
	,			92.02136
	West Jaintia Hills	Thadlaskein	Nonglatem	Latitude:25.613616,
19				Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
		Laitkroh		Lat:25.434268,
22	East Khasi Hills	Khatarshnong	Diengkynthong	Long:91.803498,
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Ele:1886.21+2m
		Khatarshnong		Lat:25.322077,
23	East Khasi Hills	Laitkroh	Khrang	Long:91.796674,
				Ele:1321.83+14m
	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024,
24				Longitude:91.73797
∠ '1			Zaittyia	2, Elevation:
				803.04m
				Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

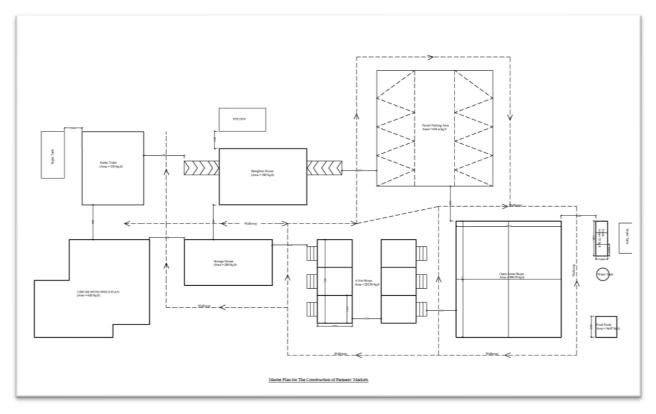
1.2 Sub-project Description:

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

Sl. No	District	Bloc k	Loca tion	GPS Location	No of vill age s cov er	Nearby market and distance	Comm odities
1	South Garo Hills	Bagh mara	Kar ukol	Latitude: 25.283873, Longitude: 90.648153 Elevation: 87.92 m	20	Neng Kong 8Km	Vegeta bles, Strawb erry, Arecan ut, Betel leaf

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

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



Project Plan Drawing

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

Beneficiaries:

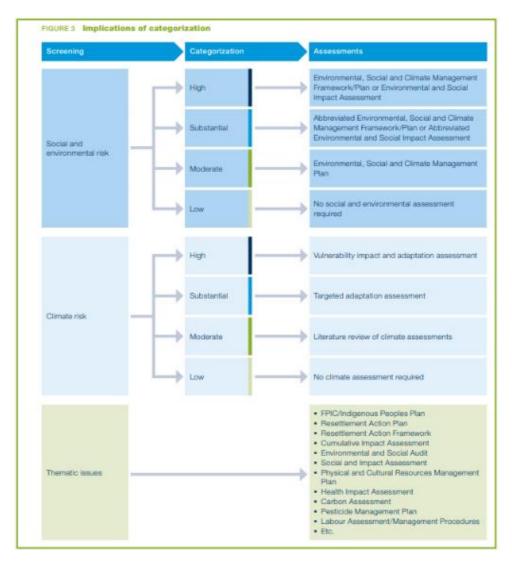
Through this market shade the farmers can sell products such as Vegetables, Strawberry, Arecanut, Betel leaf, among others which are locally produced. The beneficary villagers are from nearby 20 villages and other nearest centre from this area is Nengkong which is 8 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Karukol, Baghmara, South Garo Hills District



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

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

S1. 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	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
				of ring well in this area.		

2	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Climate Change resilient design and materials reached up to 35 deg. C n and sewage 1. Use of climate-resilient design and materials reached up to 35 deg. C n and sewage 1. Use of climate-resilient design temperature may reached up to 35 deg. C of a storage facility is part of the sub-project. Hence cold 1. ED, Technical is part of the sub-project is part of the sub-project. Hence cold 1. ED, Technical is part of the sub-project is part of the sub-project. Hence cold 1. ED, Technical is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project	
Adaptatio and materials reached up to 35 deg. C of a storage facility is part of the sub-project. MBMA materials and structures 2. Heavy rainfall is expected during the sub-project. MBMA 2. Contractor 3. DPMU - MLAMP drainage system	
n 2. Elevated structures and drainage systems 2. Heavy rainfall is expected during the sub-project. 2. Heavy rainfall is expected during the sub-project. 3. DPMU - MLAMP drainage system	phase
treatment facility 3. Energy- efficient lighting and appliances 4. Storage facility 2. The roof of the infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	phase

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	Prior and during the construction phase and after the market is operational
Health and Safety	 Safe construction practices Health facilities for market users 	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

Proposed Farmer's market Location at Karukol, Baghmara block						
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables					
Farm ponds of varying sizes	Enterprise development					
Construction of check dams	Integrated production and marketing clusters					
Land husbandry activities	Market infrastructure including rural roads					
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.					
Lift and diversion-based irrigation systems	Establishment of producer groups					
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms					
3. Location of the proposed sub	-project					
Name of the Region in Meghalaya	Meghalaya					
Name of the District	South Garo Hills					
Name of the Block	Baghmara					
Name of the Settlement Karukol						
Latitude	25.283873 N					
Longitude	Longitude 90.648153 E					

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

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

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

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

44 75	.	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Karukol, Baghmara is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 contruction
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*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required		
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required		
Yes, response to question 18	GHG assessment	For example, EX-ACT tool		
No response to almost	The climate risk classification	No further analysis is required,		
all questions	is low	but voluntary measures can be incorporated		



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT NENGKONG BAZAR, BAGHMARA BLOCK, SOUTH GARO HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Nengkong Bazar, Baghmara Block, South Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location	
1	East Garo Hills	Samanda	Samanda Williamnagar		
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E	
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m	
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m	
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308	
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397	
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166	
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m	
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m	
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m	
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:	

ĺ				89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
			OUT 1 D	Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
10	6 4 6 1711	D 1	TC 1 1	Longitude:
13	South Garo Hills	Baghmara	Karukol	90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
1.4	Carrella Carra IIIIIa	D1	C'' Para	Longitude:
14	South Garo Hills	Baghmara	Siju Bazar	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	Carrella Carra IIIIIa	C	Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	D: Dla a:	Timene	A 1-1-i	25°58'12.0"N,
17	Ri Bhoi	Jirang	Amsohbir	Longitude: 91 32'
				59.4" E
				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
		Laitkroh		Lat:25.434268,
22	East Khasi Hills	Khatarshnong	Diengkynthong	Long:91.803498,
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Ele:1886.21+2m
		Khatarshnong		Lat:25.322077,
23	East Khasi Hills	Laitkroh	Khrang	Long:91.796674,
				Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
	2001 141110	Silena Dilolagary	Zaittyia	2, Elevation:
				803.04m
				Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

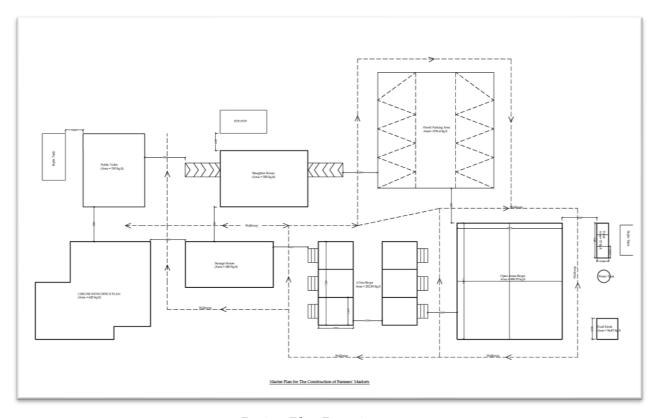
1.2 Sub-project Description:

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

Sl. No	District	Block	Location	GPS Location	No of villa ges cove r	Nearby market and distance	Commo dities
15	South Garo Hills	Bagh mara	Nengkong Bazar	Latitude: 25.305289, Longitude: 90.610777,	24	Karukol 8Km	Seasonal vegetabl es, Potato, strawber ry, betel leaf, areca nut, black pepper, sweet potato

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

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



Project Plan Drawing

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

Beneficiaries:

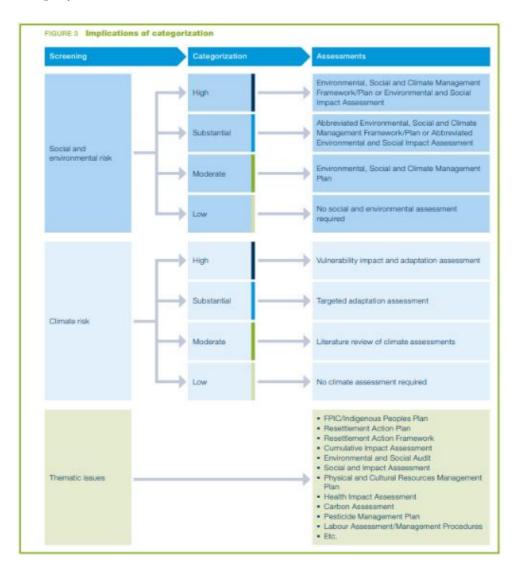
Through this market shade the farmers can sell products such as Seasonal vegetables, Potato, strawberry, betel leaf, areca nut, black pepper, sweet potato, among others which are locally produced. The beneficary villagers are from nearby 24 villages and other nearest centre from this area is Karukol which is 8 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Nengkong Bazar, Baghmara, South Garo Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Prior and	ED -	1. Regular	1 ED.	Desig	1	1. During summer the	1 Use of climate-	Climate
during the	d	inspection of	Technical -	n	Construction	temperature may	resilient design	Change
phase		*		CODED		1 2	O	
construction phase		inspection of materials and structures 2. Monitor drainage system effectiveness	MBMA 2. Contractor 3. DPMU - MLAMP	C 03 . 0	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 infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	Adaptation
					slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining			

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Nengkong Bazar, Baghmara block		
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables		
Farm ponds of varying sizes	Enterprise development		
Construction of check dams	Integrated production and marketing clusters		
Land husbandry activities	Market infrastructure including rural roads		
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.		
Lift and diversion-based irrigation systems	Establishment of producer groups		
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms		
3. Location of the proposed sub	-project		
Name of the Region in Meghalaya	Meghalaya		
Name of the District	South Garo Hills		
Name of the Block	Baghmara		
Name of the Settlement	Nengkong Bazar		
Latitude	25.305289 N		
Longitude	90.610777 E		

Questions for environment and social screening	Yes/no	Comments/explanation			
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.					
Project location: Nengkong Bazar, Baghmara	a, South Garo Hill	ls District			
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Nengkong Bazar, Baghmara is not situated on any wetlands nor any wetland is situated within 1Km radius			
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Nengkong Bazar, Baghmara is already obtained and available.			
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof 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.

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

44 75	b /	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Nengkong Bazar, Baghmara is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		-
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 contruction
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		No	Additional response*		
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area		
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones		
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted		
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past		
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events		

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT SJU BAZAR, BAGHMARA BLOCK, SOUTH GARO HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Siju Bazar, Baghmara Block, South Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location	
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m	
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E	
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m	
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m	
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308	
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397	
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166	
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m	
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m	
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m	
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:	

1	1	1	1	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
			OUT 1 D	Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
10	6 4 6 1711	D 1	TC 1 1	Longitude:
13	South Garo Hills	Baghmara	Karukol	90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
1.4	Carrella Carra IIIIIa	D1	C'' Para	Longitude:
14	South Garo Hills	Baghmara	Siju Bazar	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	Carrella Carra IIIIIa	C	Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	D: Dla a:	Timere	A 1-1-i	25°58'12.0"N,
17	Ri Bhoi	Jirang	Amsohbir	Longitude: 91 32'
				59.4" E
				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
		Laitkroh		Lat:25.434268,
22	East Khasi Hills	Khatarshnong	Diengkynthong	Long:91.803498,
				Ele:1886.21+2m
		Khatarshnong		Lat:25.322077,
23	East Khasi Hills	Laitkroh	Khrang	Long:91.796674,
				Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
	Last Kilasi I IIIIs		<i>y</i> -	2, Elevation:
				803.04m
		1.		Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

1.2 Sub-project Description:

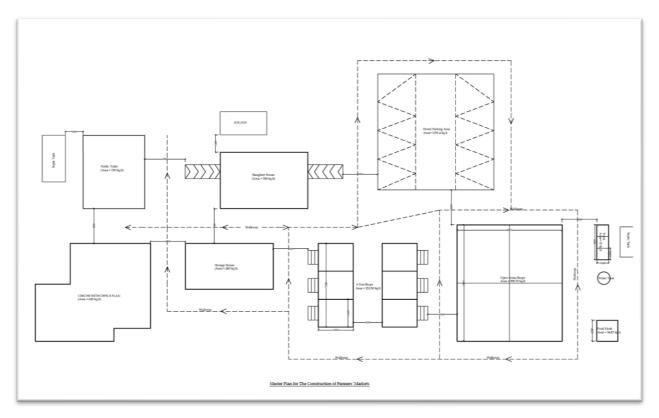
This ESCMP is being developed for the market construction at Siju Bazar within Baghmara Block in South Garo Hills district. The other details of the location are as follows:

S1. No	District	Bloc k	Loca tion	GPS Location	No of vill age s cov er	Nearby market and distanc e	Comm odities
14	South Garo Hills	Bagh mara	Siju Baza r	Latitude: 25.358125, Longitude: 90.65882, Elevation:236.21 m	27	Tolegre 10Km	Areca nut, Black pepper , Khasi Manda rin, pineap ple, season al

			vegeta bles

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 faciltiy
- iv. Storage facility
- v. Sewage tratment facility



Project Plan Drawing

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

Beneficiaries:

Through this market shade the farmers can sell products such as Areca nut, Black pepper, Khasi Mandarin, pineapple, seasonal vegetables, among others which are

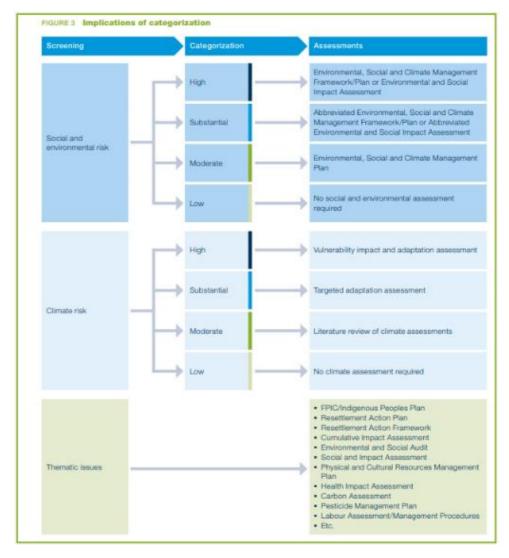
locally produced. The beneficary villagers are from nearby 27 villages and other nearest centre from this area is Tolegre which is 10 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Siju Bazar, Baghmara, South Garo Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

4	Human Rights	Fair labor practices Accessibility for all vendors and customers	Labor exploitation Discrimination	4. The farmers will get market shed to sell their products, local goods and will be economically benefited 1. Implement fair wage policies 2. Ensure market accessibility for people with	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	Initial public consultation before land allocation and construction of the markets 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	disabilities 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface		
	water. There is already		
	availability		
	of ring well		
	in this area.		

Climate	1. Use of climate-	1. During summer the	1.	Desig	1. ED,	1. Regular	ED -	Prior and
	resilient design	temperature may	Construction	n costs	Technical -	inspection of	Technical,	during the construction
A 4					MBMA	_	MBMA	phase
n	and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy- efficient lighting and appliances 4. Storage facility	monsoon season	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 infrastructur e 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		MBMA 2. Contractor 3. DPMU - MLAMP	materials and structures 2. Monitor drainage system effectiveness	MBMA	phase

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Siju Bazar, Baghmara block						
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables						
Farm ponds of varying sizes	Enterprise development						
Construction of check dams	Integrated production and marketing clusters						
Land husbandry activities	Market infrastructure including rural roads						
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.						
Lift and diversion-based irrigation systems	Establishment of producer groups						
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms						
3. Location of the proposed sub	-project						
Name of the Region in Meghalaya	Meghalaya						
Name of the District	South Garo Hills						
Name of the Block	Baghmara						
Name of the Settlement	Siju Bazar						
Latitude	25.358125 N						
Longitude 90.65882 E							

Questions for environment and social screening	Yes/no	Comments/explanation		
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.				
Project location: Siju Bazar, Baghmara, Sout	h Garo Hills Dist	rict		
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Siju Bazar, Baghmara is not situated on any wetlands nor any wetland is situated within 1Km radius		
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Siju Bazar, Baghmara is already obtained and available.		
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof 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.

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

Infractructura davalonment		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 Infrastructure development 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

	h .	
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/conta inment of surface water
Social		
16. Would the project result in economic displacement of 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		printigerione proper
19. Does the project include the manufacture and transportation of hazardous and toxic materials which may affect the environment? (Guidance statement 2)	No	The construction of the farmers market does not include the manufacture and transportation of hazardous and toxic materials
20. Does the project include the construction of a large or medium-scale industrial plant?	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft. Storage= 280 Sqft. Public toilet= 330 Sqft. Slaughter house = 350 Sqft
21. Does the project include the development of large-scale production forestry? (Guidance statement 5)	No	The construction of the farmers market is at a minor scale. The size of the farmers market is: Office space and Creche= 620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environn	nental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Siju Bazar, Baghmara is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social	•	• •
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project
questions between 1 and 21	social category is not a category A	Reason: 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 contruction
NO, response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

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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			Additional
	Yes	No	response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required	
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required	
Yes, response to question 18	GHG assessment	For example, EX-ACT tool	
No response to almost	The climate risk classification	No further analysis is required,	
all questions	is low	but voluntary measures can be incorporated	



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT SILKI BAZAR, CHOKPOT BLOCK, SOUTH GARO HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Silki Bazar, Chokpot Block, South Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills Selsella Kalche		Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	ls Dadenggre Magalpara		Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills Betasing Chigito		Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	est Garo ZikzaK Din		Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

1	1	1	1	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
			OUT 1 D	Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
10	6 4 6 1711	Da alama ana	TC 1 1	Longitude:
13	South Garo Hills	Baghmara	Karukol	90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
1.4	Carrella Carra IIIIIa	D1	C'' Para	Longitude:
14	South Garo Hills	Baghmara	Siju Bazar	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	Carrella Carra IIIIIa	C	Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	Ri Bhoi	Jirang	Amsohbir	25°58'12.0"N,
17				Longitude: 91 32'
				59.4" E
				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
		Laitkroh		Lat:25.434268,
22	East Khasi Hills	Khatarshnong	Diengkynthong	Long:91.803498,
				Ele:1886.21+2m
		Khatarshnong		Lat:25.322077,
23	East Khasi Hills	Laitkroh	Khrang	Long:91.796674,
				Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
	Lust Infast Hills	Shena bholaganj	<i>y</i> -	2, Elevation:
				803.04m
		1.		Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills	Nongstoin	Nonglwai	Lat:25.453398, Long: 91.332753
30	West Khasi Hills	est Khasi Hills Mawtharaishan Marngor		latitude:25.428529, Longitude: 91.428529
31	1 Ri Bhoi Umling		Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

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

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

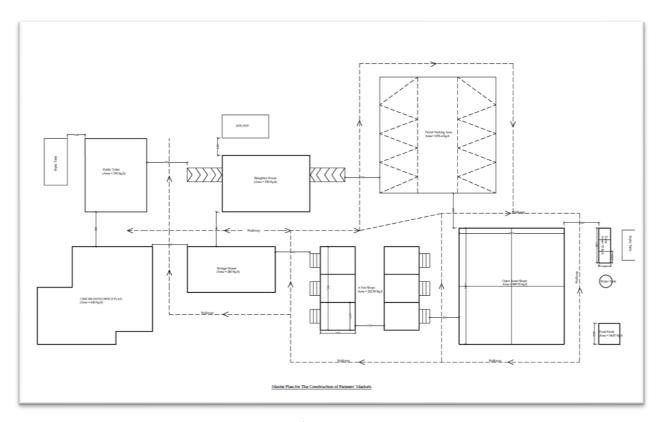
1.2 Sub-project Description:

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

S1. N o	Distric t	Blo ck	Loc atio n	GPS Location	No of vil lag es co ver	Nearb y mark et and distan ce	Commodities
	South	Ch	Silki	Latitude: 25.25225,		Chok	Ginger, Arecanut, Orange,
12	Garo	ok	Baz	Longitude: 90.482093,	20	pot 15	Jackfruit, Black pepper,
	Hills	pot	ar	Elevation: 91.8 m		km	Seasonal Vegetables etc.

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

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



Project Plan Drawing

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

Beneficiaries:

Through this market shade the farmers can sell products Ginger, Arecanut, Orange, Jackfruit, Black pepper, Seasonal Vegetables, among others which are locally produced. The beneficary villagers are from nearby 20 villages and other nearest centre from this area is Chokpot which is 15 Km away.

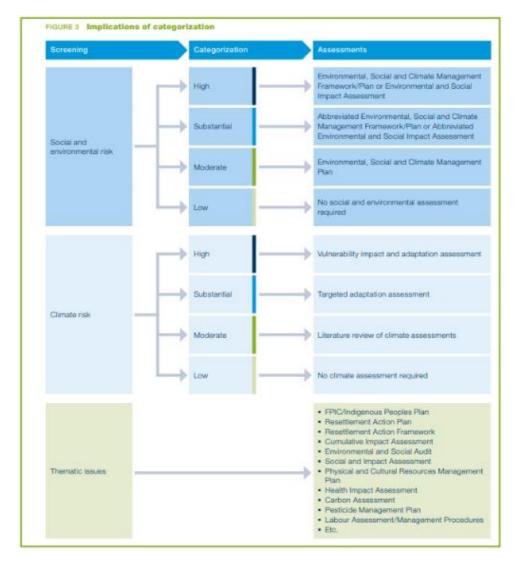
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation 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 Silki Bazar, Chokpot, South Garo Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Prior and	ED -	1. Regular	1 ED.	Desig	1	1. During summer the	1 Use of climate-	Climate
during the	d	inspection of	Technical -	n	Construction	temperature may	resilient design	Change
phase		*		CODED		1 2	O	
construction phase		inspection of materials and structures 2. Monitor drainage system effectiveness	MBMA 2. Contractor 3. DPMU - MLAMP	C 03 . 0	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 infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	Adaptation
					slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining			

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Silki Bazar, Chokpot block			
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables			
Farm ponds of varying sizes	Enterprise development			
Construction of check dams	Integrated production and marketing clusters			
Land husbandry activities	Market infrastructure including rural roads			
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.			
Lift and diversion-based irrigation systems	Establishment of producer groups			
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms			
3. Location of the proposed sub	-project			
Name of the Region in Meghalaya	Meghalaya			
Name of the District	South Garo Hills			
Name of the Block	Chokpot			
Name of the Settlement	Silki Bazar			
Latitude	25.25225 N			
Longitude	90.482093 E			

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

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

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

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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

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	The construction of the farmers market is at a minor scale and does not include construction/
long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)	rehabilitation/upgrade of roads above 10 Km

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.

44 75	.	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environn	nental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Silki Bazar, Chokpot is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		·
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project	
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 positive response and no-impact will be done through this minor civil work contruction	
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*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required	
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required	
Yes, response to question 18	GHG assessment	For example, EX-ACT tool	
No response to almost	The climate risk classification	No further analysis is required,	
all questions	is low	but voluntary measures can be incorporated	



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT CHITIGCHAKGRE, BETASING BLOCK, SOUTH WEST GARO HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Chigitchakgre, Betasing Block, South West Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

l	1	1	1	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
				·
13	South Garo Hills	Baghmara	Karukol	Longitude: 90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
			,	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	South Garo Hills	Gasuapara	Cherengpara	Longitude:
10	South Garo Fills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	Ri Bhoi	Jirang	Amsohbir	25°58'12.0"N,
17				Longitude: 91 32'
				59.4" E
	West Jaintia Hills			Latitude:25.185468,
18		Amlarem	Lamin	Longitude:
				92.02136
	West Jaintia Hills			Latitude:25.613616,
19		Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
		,		Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
]		Khatarshnong	0.7	Ele:1886.21+2m
				Lat:25.322077,
23	East Khasi Hills	Khatarshnong	Khrang	Long:91.796674,
	Last Khasi I IIIIS	Laitkroh		Ele:1321.83+14m
				Latitude:25.209024,
				Longitude:91.73797
24	East Khasi Hills	Shella Bholaganj	Laittyra	2, Elevation:
				803.04m
				Lat:25.38642,
25	East Khasi Hills	nsi Hills Mawphlang	Kurnhoi	Lat:25.36642, Long:91.651403,
23			Kyrphei	
				Ele:1667.22+8m

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

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

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

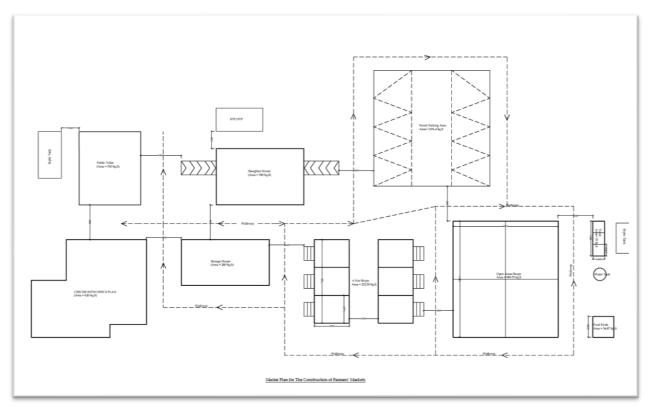
1.2 Sub-project Description:

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

S1 . N o	District	B1 oc k	Loca tion	GPS Location	N o of vil la ge s co ve r	Near by mar ket and dista nce	Commodities
1	South West Garo Hills	Be tas in g	Chig itcha kgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m	10	Am pati, 1 km	Vegetables, Arecanut, Black Pepper, Ginger, Cashewnut, litchi & Turmeric.

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

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



Project Plan Drawing

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

Beneficiaries:

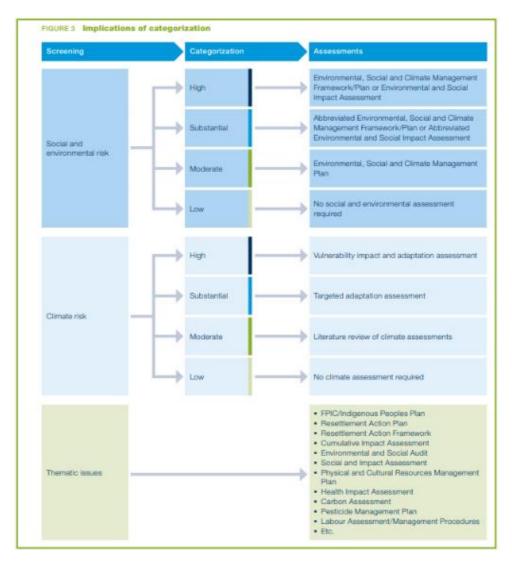
Through this market shade the farmers can sell products Vegetables, Arecanut, Black Pepper, Ginger, Cashewnut, litchi & Turmeric, among others which are locally produced. The beneficary villagers are from nearby 10 villages and other nearest centre from this area is Ampati which is 1 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Chigitchakgre, Betasing, South West Garo Hills District



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

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

S1. 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	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
				of ring well in this area.		

2	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural	Constructio	1. Development	1. The	Desig	Contractor,	1. Assessment on	ED -	During the construction
Resources		happening in areas	availability	n costs	ED, Technical,	the new	Technical,	phase and after
		where little up-to-date	of the			infrastructure to	MBMA	the market is operational
		information exists on	farmers		DPMU	be build. There		operational
	shade		market in			are already		
		sustainable	this area will			constructed/unde		
	complex	yield/carrying capacity	address the			r construction		
	2. Slaughte	2. Sub-project rely on	problem of			shops funded by		
	r house	surface water	carrying			NEC		
	3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Climate Change resilient design and materials reached up to 35 deg. C n and sewage 1. Use of climate-resilient design and materials reached up to 35 deg. C n and sewage 1. Use of climate-resilient design temperature may reached up to 35 deg. C of a storage facility is part of the sub-project. Hence cold 1. ED, Technical is part of the sub-project.	
Adaptatio and materials reached up to 35 deg. C of a storage facility is part of the sub-project. MBMA materials and structures 2. Heavy rainfall is expected during the sub-project. MBMA 2. Contractor 3. DPMU - MLAMP drainage system	
n 2. Elevated structures and drainage systems 2. Heavy rainfall is expected during the sub-project. 2. Heavy rainfall is expected during the sub-project. 3. DPMU - MLAMP drainage system	phase
treatment facility 3. Energy- efficient lighting and appliances 4. Storage facility 2. The roof of the infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	phase

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	Prior and during the construction phase and after the market is operational
Health and Safety	 Safe construction practices Health facilities for market users 	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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	Name of the sub-project Proposed Farmer's market Location at Chigitchakgre, Betasing block					
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables					
Farm ponds of varying sizes	Enterprise development					
Construction of check dams	Integrated production and marketing clusters					
Land husbandry activities	Market infrastructure including rural roads					
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.					
Lift and diversion-based irrigation systems	Establishment of producer groups					
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms					
3. Location of the proposed sub	-project					
Name of the Region in Meghalaya	Meghalaya					
Name of the District	South West Garo Hills					
Name of the Block	Betasing					
Name of the Settlement	Chigitchakgre					
Latitude	25.458152 N					
Longitude 89.957744 E						

Questions for environment and social screening	Yes/no	Comments/explanation				
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.						
Project location: Chigitchakgre, Betasing, Sc	outh West Garo H	ills District				
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Chigitchakgre, Betasing is not situated on any wetlands nor any wetland is situated within 1Km radius				
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Chigitchakgre, Betasing is already obtained and available.				
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof 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.

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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

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	The construction of the farmers market is at a minor scale and does not include construction/
long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)	rehabilitation/upgrade of roads above 10 Km

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.

44 75	b /	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Chigitchakgre, Betasing is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social	-	•
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 contruction
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*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT CHONGPOTGRE, RERAPARA BLOCK, SOUTH WEST GARO HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Chongpotgre, Rerapara Block, South West Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

l	1	1	1	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
				·
13	South Garo Hills	Baghmara	Karukol	Longitude: 90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
			,	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	South Garo Hills	Gasuapara	Cherengpara	Longitude:
10	South Garo Thiis	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	Ri Bhoi	Time as a	Amsohbir	25°58'12.0"N,
17	KI DHOI	Jirang	Amsonbir	Longitude: 91 32'
				59.4" E
				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
		,		Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
]		Khatarshnong	0.7	Ele:1886.21+2m
				Lat:25.322077,
23	East Khasi Hills	Khatarshnong	Khrang	Long:91.796674,
	2400 141401 111110	Laitkroh		Ele:1321.83+14m
				Latitude:25.209024,
				Longitude:91.73797
24	East Khasi Hills	Shella Bholaganj	Laittyra	2, Elevation:
				803.04m
				Lat:25.38642,
25	Fact Khaci Lilla	Hills Massablana	Kurnhoi	Lat:25.36642, Long:91.651403,
23	East Khasi Hills	Mawphlang	Kyrphei	
				Ele:1667.22+8m

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

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

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

1.2 Sub-project Description:

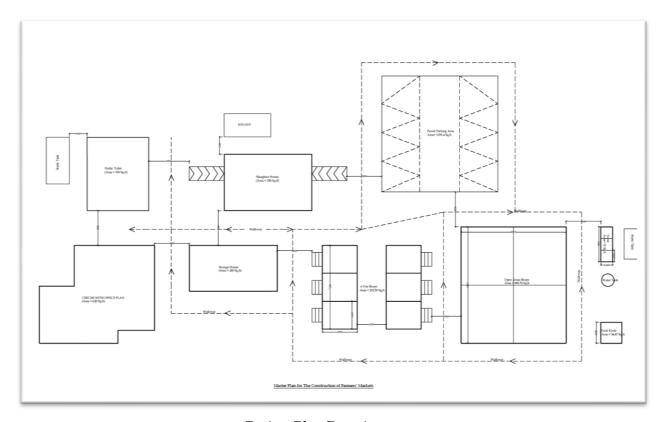
This ESCMP is being developed for the market construction at Chongpotgre within Rerapara Block in South West Garo Hills district. The other details of the location are as follows:

Sl. No	Distric t	Block	Location	GPS Location	No of village s cover	Nearby market and distance	Commoditie s
1	South West Garo Hills	Rerapar a	Chongpotgr e	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m	34	Chongpotgr e, Hajongpara 500m	Vegetables, Arecanut, Black Pepper, Ginger, Cashewnut, pineapple & Turmeric.

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

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

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



Project Plan Drawing

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

Beneficiaries:

Through this market shade the farmers can sell products Vegetables, Arecanut, Black Pepper, Ginger, Cashewnut, pineapple & Turmeric, among others which are locally produced. The beneficary villagers are from nearby 34 villages and other nearest centre from this area is Chongpotgre, Hajongpara which is 500 m away.

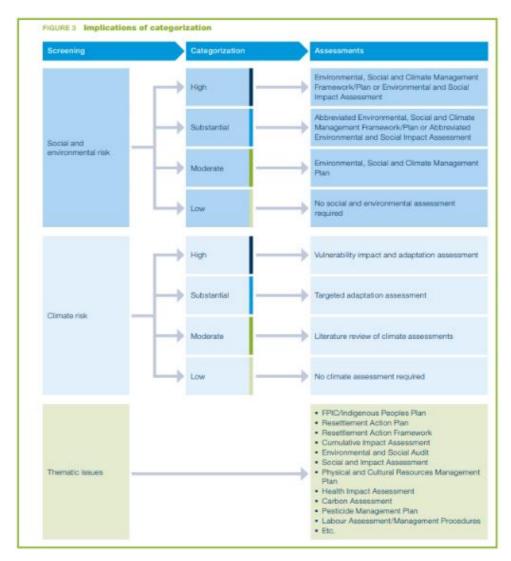
1.3 Objective of Environment and Social Screening Study

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

that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Chongpotgre, Rerapara, South West Garo Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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
				of ring well in this area.		

2	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Prior and	ED -	1. Regular	1 ED.	Desig	1	1. During summer the	1 Use of climate-	Climate
during the	d	inspection of	Technical -	n	Construction	temperature may	resilient design	Change
phase		*		CODED		1 2	O	
construction phase		inspection of materials and structures 2. Monitor drainage system effectiveness	MBMA 2. Contractor 3. DPMU - MLAMP	C 03 . 0	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 infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	Adaptation
					slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining			

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Chongpotgre, Rerapara block		
2. Type of proposed activity (tie	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables		
Farm ponds of varying sizes	Enterprise development		
Construction of check dams	Integrated production and marketing clusters		
Land husbandry activities	Market infrastructure including rural roads		
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.		
Lift and diversion-based irrigation systems	Establishment of producer groups		
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms		
3. Location of the proposed sub-	-project		
Name of the Region in Meghalaya	Meghalaya		
Name of the District	South West Garo Hills		
Name of the Block	Rerapara		
Name of the Settlement	Chongpotgre		
Latitude	25.474938 N		
Longitude	90.089035 E		

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Chongpotgre, Rerapara, Son	uth West Garo Hi	lls District
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Chongpotgre, Rerapara is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Chongpotgre, Rerapara is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof 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.

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

44 75	.	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Chongpotgre, Rerapara is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		•
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project	
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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, environment and social analysis required. Also no Environment Social and Climate Management Plan (ESCMP) required. The section where YES is provided, is all positive response and no-impact will be done through this minor civil work contruction	
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*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?			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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT DIMILIGRE, ZIKZAK BLOCK, SOUTH WEST GARO HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Dimiligre, ZikzaK Block, South West Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Hills Dadenggre Magalpara		Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

1				89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
			OUT 1 D	Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
10	6 4 6 1711	D 1	TC 1 1	Longitude:
13	South Garo Hills	Baghmara	Karukol	90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
1.4	Carrella Carra IIIIIa	D1	C'' Para	Longitude:
14	South Garo Hills	Baghmara	Siju Bazar	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	Carrella Carra IIIIIa	C	Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	Ri Bhoi	Timene	A 1-1-i	25°58'12.0"N,
17		Jirang	Amsohbir	Longitude: 91 32'
				59.4" E
				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
	West Jaintia Hills	Thadlaskein		Latitude:25.613616,
19			Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
		Laitkroh		Lat:25.434268,
22	East Khasi Hills	Khatarshnong	Diengkynthong	Long:91.803498,
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Ele:1886.21+2m
		Khatarshnong		Lat:25.322077,
23	East Khasi Hills	Laitkroh	Khrang	Long:91.796674,
		LaitNIUII		Ele:1321.83+14m
	East Khasi Hills			Latitude:25.209024,
24		Shella Bholaganj	Laittyra	Longitude:91.73797
			Zaittyia	2, Elevation:
				803.04m
	East Khasi Hills	Mawphlang		Lat:25.38642,
25			Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

1.2 Sub-project Description:

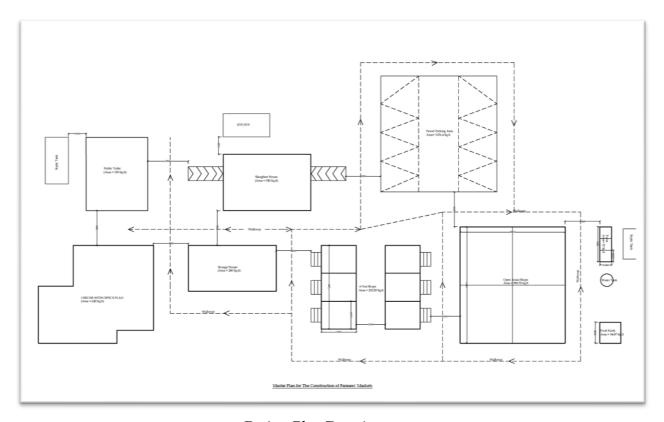
This ESCMP is being developed for the market construction at Dimiligre within Zikzak Block in South West Garo Hills district. The other details of the location are as follows:

SI N o	District	Bl oc k	Loc ati on	GPS Location	No of vil lag es co ve r	Near by mar ket and dista nce	Commodities
10	South West Garo Hills	Zi kz ak	Di mil igr e	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m	15	Katu li, 15 km	Vegetables, Arecanut, Black Pepper, Ginger, Pineapple & Turmeric.

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

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

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



Project Plan Drawing

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

Beneficiaries:

Through this market shade the farmers can sell products Vegetables, Arecanut, Black Pepper, Ginger, Pineapple & Turmeric, among others which are locally produced. The beneficary villagers are from nearby 15 villages and other nearest centre from this area is Katuli which is 15 Km away.

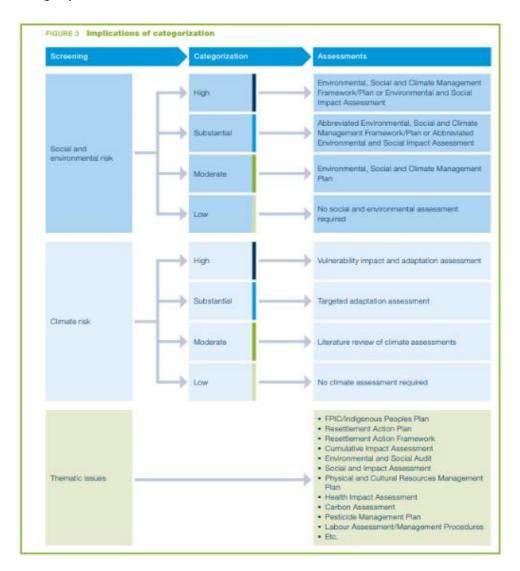
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be

caused through the implementation of the 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 Dimiligre, Zikzak, South West Garo Hills District



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

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

S1. 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	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
				of ring well in this area.		

2	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Climate Change resilient design and materials reached up to 35 deg. C n and sewage 1. Use of climate-resilient design and materials reached up to 35 deg. C n and sewage 1. Use of climate-resilient design temperature may reached up to 35 deg. C of a storage facility is part of the sub-project. Hence cold 1. ED, Technical is part of the sub-project is part of the sub-project. Hence cold 1. ED, Technical is part of the sub-project is part of the sub-project. Hence cold 1. ED, Technical is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project	
Adaptatio and materials reached up to 35 deg. C of a storage facility is part of the sub-project. MBMA materials and structures 2. Heavy rainfall is expected during the sub-project. MBMA 2. Contractor 3. DPMU - MLAMP drainage system	
n 2. Elevated structures and drainage systems 2. Heavy rainfall is expected during the sub-project. 2. Heavy rainfall is expected during the sub-project. 3. DPMU - MLAMP drainage system	phase
treatment facility 3. Energy- efficient lighting and appliances 4. Storage facility 2. The roof of the infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	phase

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	Prior and during the construction phase and after the market is operational
Health and Safety	 Safe construction practices Health facilities for market users 	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project Proposed Farmer's market Location at Dimiligre, Zikzak block						
2. Type of proposed activity (ti	ick 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/ Insitu 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	p-project					
Name of the Region in Meghalaya	Meghalaya					
Name of the District	South West Garo Hills					
Name of the Block	Zikzak					
Name of the Settlement	Dimiligre					
Latitude	25.462522 N					
Longitude	Longitude 89.872150 E					

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

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

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

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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

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	The construction of the farmers market is at a minor scale and does not include construction/
long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)	rehabilitation/upgrade of roads above 10 Km

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.

44 75	.	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Dimiligre, Zikzak is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 contruction
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*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required		
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required		
Yes, response to question 18	GHG assessment	For example, EX-ACT tool		
No response to almost	The climate risk classification	No further analysis is required,		
all questions	is low	but voluntary measures can be incorporated		



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT DORAMCHAS, ZIKZAK BLOCK, SOUTH WEST GARO HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Doramchas, ZikzaK Block, South West Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

l	1	1	1	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
				·
13	South Garo Hills	Baghmara	Karukol	Longitude: 90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
			,	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	South Garo Hills	Casuamana	Cherengpara	Longitude:
10	South Galo Hills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
4.5	D' DI '	T.	A 11.	25°58'12.0"N,
17	Ri Bhoi	Jirang	Amsohbir	Longitude: 91 32'
				59.4" E
				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
		Khatarshnong		Ele:1886.21+2m
				Lat:25.322077,
23	East Khasi Hills	Khatarshnong	Khrang	Long:91.796674,
	East Knası Hills	Laitkroh	Kindig	Ele:1321.83+14m
				Latitude:25.209024,
	East Khasi Hills			Lantude:25.209024,
24		Shella Bholaganj	Laittyra	2, Elevation:
				803.04m
				+
25	East 1/1	Manuel-1-1	V1	Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

1.2 Sub-project Description:

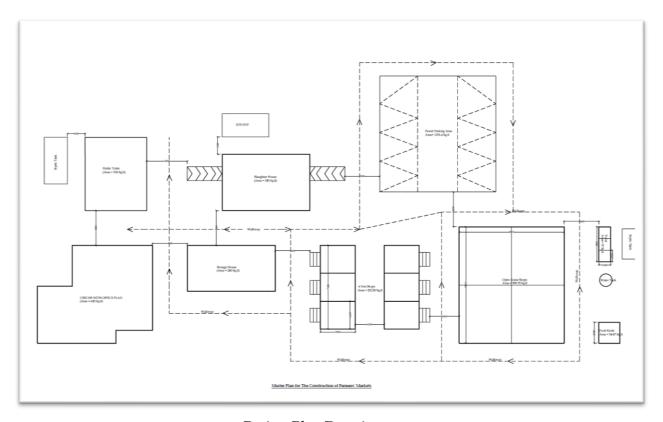
This ESCMP is being developed for the market construction at Doramchas within Zikzak Block in South West Garo Hills district. The other details of the location are as follows:

S1 . N o	District	B1 oc k	Loc atio n	GPS Location	No of vil lag es co ve r	Nea rby mar ket and dist ance	Commodities
1	South West Garo Hills	Zi kz ak	Dor amc has	Latitude: 25.352360 Longitude: 89.848396 Elevation: 32.6 m	20	Zikz ak, 5 m	Vegetables, Ginger, Arecanut, Jackfruit, Turmeric & Black Pepper.

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

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

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



Project Plan Drawing

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

Beneficiaries:

Through this market shade the farmers can sell products Vegetables, Ginger, Arecanut, Jackfruit, Turmeric & Black Pepper, among others which are locally produced. The beneficary villagers are from nearby 20 villages and other nearest centre from this area is Zikzak which is 5 m away.

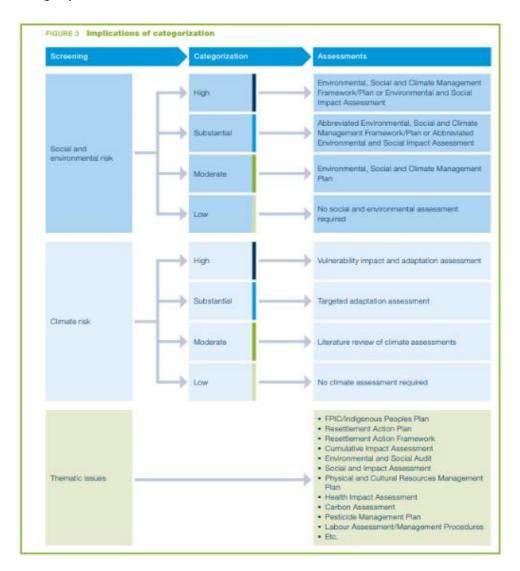
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be

caused through the implementation of the 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 Doramchas, Zikzak, South West Garo Hills District



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

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

S1. 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	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
				of ring well in this area.		

2	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Climate Change resilient design and materials reached up to 35 deg. C n and sewage 1. Use of climate-resilient design and materials reached up to 35 deg. C n and sewage 1. Use of climate-resilient design temperature may reached up to 35 deg. C of a storage facility is part of the sub-project. Hence cold 1. ED, Technical is part of the sub-project.	
Adaptatio and materials reached up to 35 deg. C of a storage facility is part of the sub-project. MBMA materials and structures 2. Heavy rainfall is expected during the sub-project. MBMA 2. Contractor 3. DPMU - MLAMP drainage system	
n 2. Elevated structures and drainage systems 2. Heavy rainfall is expected during the sub-project. 2. Heavy rainfall is expected during the sub-project. 3. DPMU - MLAMP drainage system	phase
treatment facility 3. Energy- efficient lighting and appliances 4. Storage facility 2. The roof of the infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	phase

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	Prior and during the construction phase and after the market is operational
Health and Safety	 Safe construction practices Health facilities for market users 	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Doramchas, Zikzak block					
2. Type of proposed activity (tick the applicable option and provide details)						
Protection and development of drinking water sources	Introduction of improved techniques of paddy, maize and millet cultivation					
Roof top water harvesting	Introduction of oilseeds and pulses as cash crops; introduction of tuber crops;					
Construction of water harvesting structures and seepage tanks/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables					
Farm ponds of varying sizes	Enterprise development					
Construction of check dams	Integrated production and marketing clusters					
Land husbandry activities	Market infrastructure including rural roads					
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.					
Lift and diversion-based irrigation systems	Establishment of producer groups					
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms					
3. Location of the proposed sub	-project					
Name of the Region in Meghalaya	Meghalaya					
Name of the District	South West Garo Hills					
Name of the Block	Zikzak					
Name of the Settlement	Doramchas					
Latitude	25.352360 N					
Longitude	89.848396 E					

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

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

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

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

44 75	.	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Doramchas, Zikzak is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 contruction
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*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT PYNDENLYNGDOH, MAWKYRWAT BLOCK, SOUTH WEST KHASI HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Pyndenlyngdoh, Mawkyrwat Block, South West Khasi Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

I			İ	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude: 25.25225,
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				,
				Elevation: 91.8 m
				Latitude: 25.283873,
13	South Garo Hills	Baghmara	Karukol	Longitude:
				90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
14	South Galo Hills	Dagiillara	Siju bazai	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
			Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
			Trial Net	Elevation: 61.38 m
				Latitude:
				25°58'12.0"N,
17	Ri Bhoi	Jirang	Amsohbir	
				Longitude: 91 32'
				59.4" E
4.0				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
		Thadlaskein	Nonglatem	Latitude:25.613616,
19	West Jaintia Hills			Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongsha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
	Edot Midol Hillo			Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
	2001 141001 111110	Khatarshnong	Diengrymmong	Ele:1886.21+2m
				Lat:25.322077,
23	Fact Khaci Lilla	Khatarshnong	Khrang	Lat.25.322077, Long:91.796674,
23	East Khasi Hills	Laitkroh	Nitially	Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills Shella Bh	Shella Bholaganj	Laittyra	Longitude:91.73797
			Editty1d	2, Elevation:
				803.04m
				Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
		r · o		Ele:1667.22+8m

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

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

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

1.2 Sub-project Description:

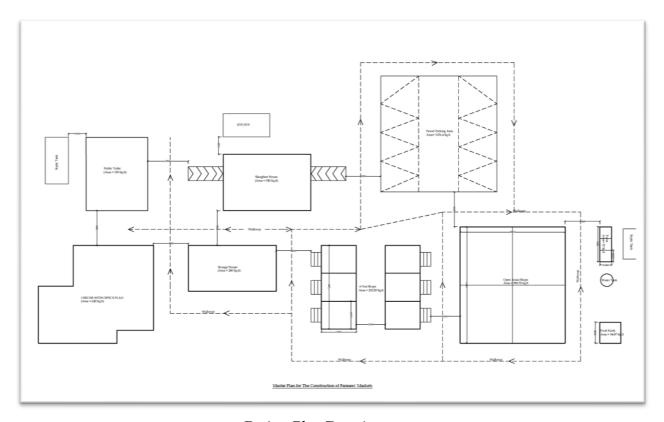
This ESCMP is being developed for the market construction at Pyndenlyngdoh within Mawkyrwat Block in South West Khasi Hills district. The other details of the location are as follows:

SI N o	District	Bloc k	Locati on	GPS Location	No of vil lag es co ve r	Nearby market and distanc e	Commodities
1	South West Khasi Hills	Ma wky rwat	Pynde nlyng doh	Lat- 25.30133 Long- 91.460608	5	Mawky rwat 15 Km	Broom Grass, Bay Leaf, Long Pepper, Bettle nut, Bettle Leaf, Khasi Mandarin

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

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

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



Project Plan Drawing

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

Beneficiaries:

Through this market shade the farmers can sell products such as Broom Grass, Bay Leaf, Long Pepper, Bettle nut, Bettle Leaf, Khasi Mandarin, among others which are locally produced. The beneficary villagers are from nearby 5 villages and other nearest centre from this area is Mawkyrwat which is 15 Km away.

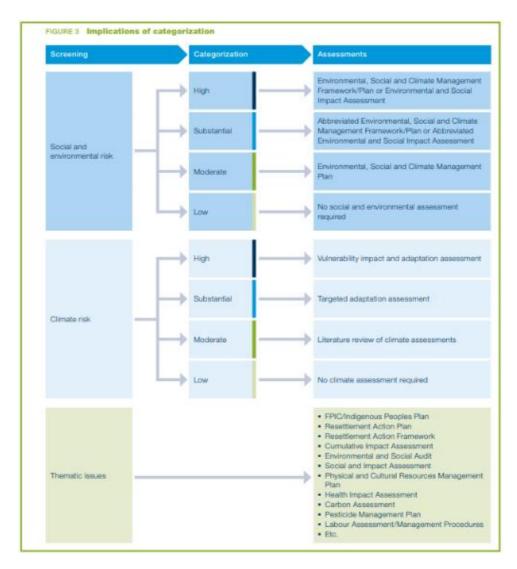
1.3 Objective of Environment and Social Screening Study

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

constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Pyndenlyngdoh, Mawkyrwat, South West Khasi Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

4	Human Rights	Fair labor practices Accessibility for all vendors and customers	Labor exploitation Discrimination	4. The farmers will get market shed to sell their products, local goods and will be economically benefited 1. Implement fair wage policies 2. Ensure market accessibility for people with	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	Initial public consultation before land allocation and construction of the markets 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	disabilities 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

during the construction
i construction
phase
phase

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Pyndenlyngdoh, Mawkyrwat block				
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables				
Farm ponds of varying sizes	Enterprise development				
Construction of check dams	Integrated production and marketing clusters				
Land husbandry activities	Market infrastructure including rural roads				
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.				
Lift and diversion-based irrigation systems	Establishment of producer groups				
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms				
3. Location of the proposed sub	-project				
Name of the Region in Meghalaya	Meghalaya				
Name of the District	South West Khasi Hills				
Name of the Block	Mawkyrwat				
Name of the Settlement	Pyndenlyngdoh				
Latitude	25.30133 N				
Longitude	91.460608 E				

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

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

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

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

44 75	.	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Pyndenlyngdoh, Mawkyrwat is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 contruction
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			Additional
	Yes	No	response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required		
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required		
Yes, response to question 18	GHG assessment	For example, EX-ACT tool		
No response to almost	The climate risk classification	No further analysis is required,		
all questions	is low	but voluntary measures can be incorporated		



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT NOLLKATA, RANIKOR BLOCK, SOUTH WEST KHASI HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Nollkata, Ranikor Block, South West Khasi Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella Kalchengpara		Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	est Garo Betasing Chigitcha		Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

[89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude: 25.25225,
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				′
				Elevation: 91.8 m
				Latitude: 25.283873,
13	South Garo Hills	Baghmara	Karukol	Longitude:
				90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
14	South Garo Tillis	Dagiiiiara	Siju Dazai	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
			0 0	90.610777,
				Latitude: 25.20836,
			Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
			Triariet	Elevation: 61.38 m
				Latitude:
	Ri Bhoi	Jirang		25°58'12.0"N,
17			Amsohbir	
				Longitude: 91 32'
				59.4" E
4.0				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongsha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
		Khatarshnong	0,7 0	Ele:1886.21+2m
				Lat:25.322077,
23	East Khasi Hills	Khatarshnong	Khrang	Long:91.796674,
		Laitkroh	1	Ele:1321.83+14m
		<u> </u>		Latitude:25.209024,
				Lantude:25.209024, Longitude:91.73797
24	East Khasi Hills	Shella Bholaganj	Laittyra	C
				2, Elevation:
				803.04m
25	E (VI) III	26 11	TZ 1 ·	Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
		1		Ele:1667.22+8m

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

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

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

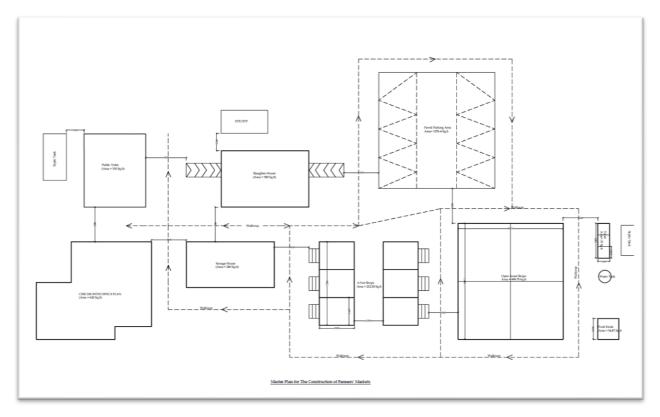
1.2 Sub-project Description:

This ESCMP is being developed for the market construction at Nollkata within Ranikor Block in South West Khasi Hills district. The other details of the location are as follows:

Sl. No	District	Bloc k	Locati on	GPS Location	No of villa ges cove	Nearby market and distanc e	Commod ities
27	South West Khasi Hills	Rani kor	Nollkat a	Lat-25.207303 Long- 91.261057	18	Ranikor 6 Km	Pine Apple, Oranges, Potato, Broom Grass, Bay Leaf, Long Pepper, Black Pepper, Off Season Vegetables, Jack Fruit, Onion, Ginger

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

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



Project Plan Drawing

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

Beneficiaries:

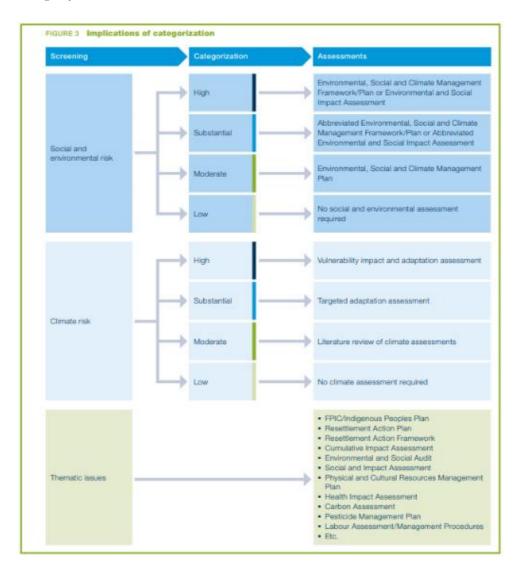
Through this market shade the farmers can sell products such as Pine Apple, Oranges, Patato, Broom Grass, Bay Leaf , Long Pepper, Black Pepper, Off Season Vegetables, Jack Fruit, Onion, Ginger, among others which are locally produced. The beneficary villagers are from nearby 18 villages and other nearest centre from this area is Ranikor which is 6 Km away.

1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Nollkata, Ranikor, South West Khasi Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Prior and	ED -	1. Regular	1 ED.	Desig	1	1. During summer the	1 Use of climate-	Climate
during the	d	inspection of	Technical -	n	Construction	temperature may	resilient design	Change
phase		*		CODED		1 2	O	
construction phase		inspection of materials and structures 2. Monitor drainage system effectiveness	MBMA 2. Contractor 3. DPMU - MLAMP	C 03 . 0	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 infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	Adaptation
					slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining			

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Nollkata, Ranikor block			
2. Type of proposed activity (ti	ick 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/ Insitu 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	p-project			
Name of the Region in Meghalaya	Meghalaya			
Name of the District	South West Khasi Hills			
Name of the Block	Ranikor			
Name of the Settlement	Nollkata			
Latitude	25.207303 N			
Longitude	91.261057 E			

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

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

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

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

44 75	b /	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environn	nental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Nollkata, Ranikor is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project	
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 positive response and no-impact will be done through this minor civil work contruction	
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			Additional
	Yes	No	response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Magalpara, Dadenggre Block, West Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block Location		GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	West Garo Hills Dadenggre M		Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Keranara (Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

1	1	1	1	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
			OUT 1 D	Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
10	6 4 6 1711	D 1	TC 1 1	Longitude:
13	South Garo Hills	Baghmara	Karukol	90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
1.4	Carrella Carra IIIIIa	D1	C'' Para	Longitude:
14	South Garo Hills	Baghmara	Siju Bazar	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	Carrella Carra IIIIIa	C	Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
	Ri Bhoi			Latitude:
17		Jirang	Amsohbir	25°58'12.0"N,
17				Longitude: 91 32'
				59.4" E
	West Jaintia Hills	Amlarem	Lamin	Latitude:25.185468,
18				Longitude:
				92.02136
	West Jaintia Hills		Nonglatem	Latitude:25.613616,
19		Thadlaskein		Longitude:
				92.190648
	East Khasi Hills	Mawkynrew		Lat:25.468343,
20			Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
		Laitkroh		Lat:25.434268,
22	East Khasi Hills	Khatarshnong	Diengkynthong	Long:91.803498,
				Ele:1886.21+2m
		Khatarshnong		Lat:25.322077,
23	East Khasi Hills	Laitkroh	Khrang	Long:91.796674,
				Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
			<i>y</i> -	2, Elevation:
				803.04m
				Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

1.2 Sub-project Description:

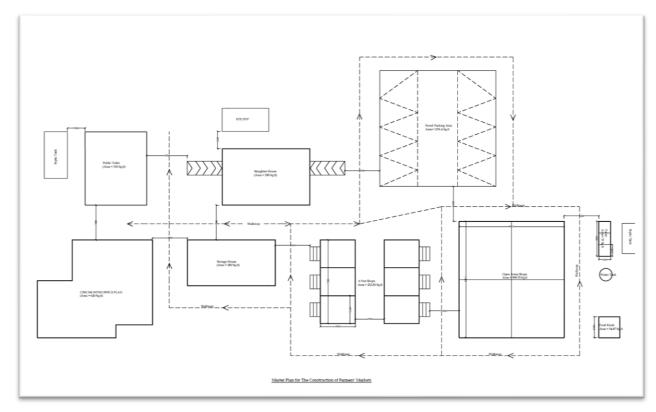
This ESCMP is being developed for the market construction at Magalpara within Dadenggre Block in West Garo Hills district. The other details of the location are as follows:

SI N o	Distr ict	Blo ck	Loc atio n	GPS Location	N o of vil la ge s co ve r	Nearby market and distance	Commodities
6	West Garo Hills	Da den ggr e	Ma gal par a	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397	10	Dadengg re Bazaar, 10Km	Arecanut, Pineapple, Black Pepper, Ginger, Banana, Broomstick, Jackfruit, Seasonal Vegetables, etc.

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

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

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



Project Plan Drawing

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

Beneficiaries:

Through this market shade the farmers can sell products Arecanut, Pineapple, Black Pepper, Ginger, Banana, Broomstick, Jackfruit, Seasonal Vegetables, among others which are locally produced. The beneficary villagers are from nearby 10 villages and other nearest centre from this area is Dadenggre Bazaar which is 10 Km away.

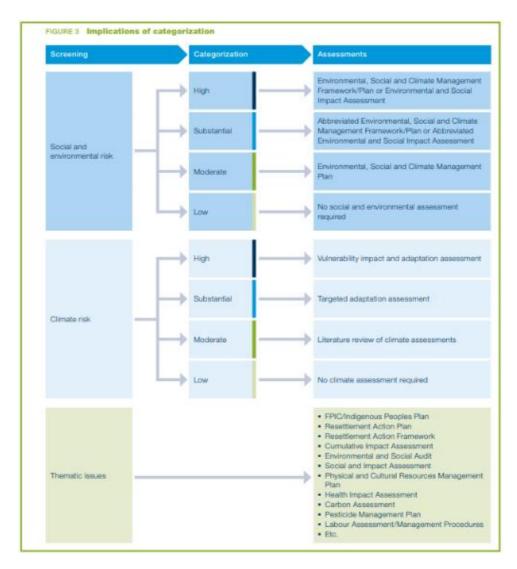
1.3 Objective of Environment and Social Screening Study

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

constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Magalpara, Dadenggre, West Garo Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Prior and	ED -	1. Regular	1 ED.	Desig	1	1. During summer the	1 Use of climate-	Climate
during the	d	inspection of	Technical -	n	Construction	temperature may	resilient design	Change
phase		*		CODED		1 2	O	
construction phase		inspection of materials and structures 2. Monitor drainage system effectiveness	MBMA 2. Contractor 3. DPMU - MLAMP	C 03 . 0	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 infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season	resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	Adaptation
					slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining			

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

Proposed Farmer's market Location at Magalpara, Dadenggre block						
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables					
Farm ponds of varying sizes	Enterprise development					
Construction of check dams	Integrated production and marketing clusters					
Land husbandry activities	Market infrastructure including rural roads					
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.					
Lift and diversion-based irrigation systems	Establishment of producer groups					
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms					
3. Location of the proposed sub	-project					
Name of the Region in Meghalaya	Meghalaya					
Name of the District	West Garo Hills					
Name of the Block	Magalpara					
Name of the Settlement	Dadenggre					
Latitude	25.45'57,61607 N					
Longitude 90.8'45.10397 E						

Questions for environment and social screening	Yes/no	Comments/explanation					
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.							
Project location: Magalpara, Dadenggre, We	st Garo Hills Dist	rict					
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Magalpara, Dadenggre is not situated on any wetlands nor any wetland is situated within 1Km radius					
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Magalpara, Dadenggre is already obtained and available.					
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof 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.

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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

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	The construction of the farmers market is at a minor scale and does not include construction/
long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)	rehabilitation/upgrade of roads above 10 Km

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.

44 75	.	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Magalpara, Dadenggre is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 contruction
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*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT KALCHENGPARA, SELSELLA BLOCK, WEST GARO HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Kalchengpara, Selsella Block, West Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills Betasing		Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills ZikzaK		Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

1	1	1	1	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
			OUT 1 D	Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
10	6 4 6 1711	Baghmara	TC 1 1	Longitude:
13	South Garo Hills		Karukol	90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
1.4	Carrella Carra IIIIIa	D1	C'' Para	Longitude:
14	South Garo Hills	Baghmara	Siju Bazar	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	Carrella Carra IIIIIa	C	Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	Ri Bhoi	Jirang	Amsohbir	25°58'12.0"N,
17				Longitude: 91 32'
				59.4" E
				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
		Laitkroh		Lat:25.434268,
22	East Khasi Hills	Khatarshnong	Diengkynthong	Long:91.803498,
				Ele:1886.21+2m
		Khatarshnong		Lat:25.322077,
23	East Khasi Hills	Laitkroh	Khrang	Long:91.796674,
				Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills	Shella Bholaganj	Laittyra	Longitude:91.73797
	Last Kilasi I IIIIs	Juena Diolaganj	<i>y</i> -	2, Elevation:
				803.04m
		1.		Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

26	East Khasi Hills	Mawsynram	Phlangwanbroi	Lat:25.249085, Long:91.489027, Ele:1012.44+12m
27	South West Khasi Hills	Ranikor	Nolikata	Lat-25.207303 Long-91.261057
28	South West Khasi Hills	Mawkyrwat	Pyndenlyngdoh	Lat-25.30133 Long- 91.460608
29	West Khasi Hills Nongstoin		Nonglwai	Lat:25.453398, Long: 91.332753
30	0 West Khasi Hills Mawtharaishan		Marngor	latitude:25.428529, Longitude: 91.428529
31	Ri Bhoi	Umling	Nongkhrah	Latitude: 25.932821, Longitude: 91.872594, Elevation: 532 m

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

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

1.2 Sub-project Description:

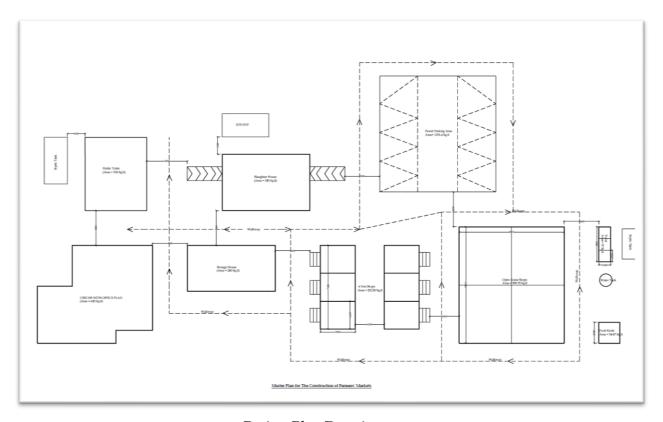
This ESCMP is being developed for the market construction at Kalchengpara within Selsella Block in West Garo Hills district. The other details of the location are as follows:

S1 · N o	Distri ct	Bl oc k	Locat ion	GPS Location	No of vil lag es co ve r	Nearby market and distanc e	Commodities
5	West Garo Hills	Sel sel la	Kalc heng para	Latitude: 25.708562, Longitude: 90.090308	18	Kalche ngpara, 4km	Pumpkin, Banana, Tapioca, Brinjal, Taro Leaves, Wild Yam, Pineapple, Orange, Tamarind, Jackfruit

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

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

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



Project Plan Drawing

Further details of the Kalchengpara at Selsella, 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 Pumpkin, Banana, Tapioca, Brinjal, TaroLeaves, Wild Yam, Pineapple, Orange, Temaind, Jackfruit, among others which are locally produced. The beneficary villagers are from nearby 18 villages and other nearest centre from this area is Kalchengpara which is 4 Km away.

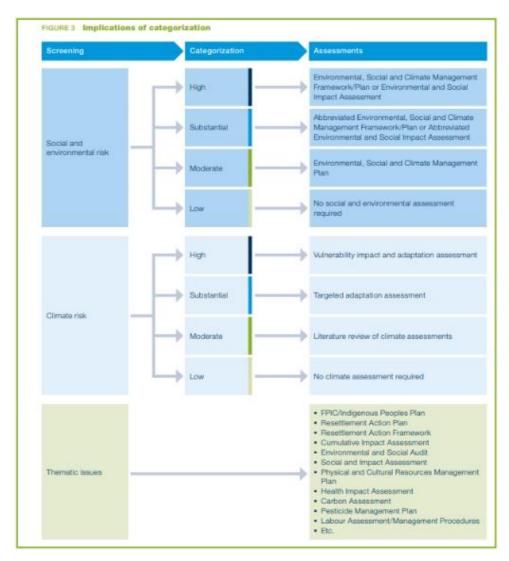
1.3 Objective of Environment and Social Screening Study

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

that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Kalchengpara, Selsella, West Garo Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

4	Human Rights	Fair labor practices Accessibility for all vendors and customers	Labor exploitation Discrimination	4. The farmers will get market shed to sell their products, local goods and will be economically benefited 1. Implement fair wage policies 2. Ensure market accessibility for people with	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	Initial public consultation before land allocation and construction of the markets 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	disabilities 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

during the construction
i construction
phase
phase

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Kalchengpara, Selsella block		
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables		
Farm ponds of varying sizes	Enterprise development		
Construction of check dams	Integrated production and marketing clusters		
Land husbandry activities	Market infrastructure including rural roads		
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.		
Lift and diversion-based irrigation systems	Establishment of producer groups		
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms		
3. Location of the proposed sub	-project		
Name of the Region in Meghalaya	Meghalaya		
Name of the District	West Garo Hills		
Name of the Block	Kalchengpara		
Name of the Settlement	Selsella		
Latitude	25.708562 N		
Longitude	90.090308 E		

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

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

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

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

44 75	b /	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Kalchengpara, Selsella is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social	-	
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Guidance for categoriz	ation	
Yes response to any questions between 1 and 21	Environmental and social category is not a category A	It is not a category A Project Reason: ♣ NO to question 16 ♣ 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 contruction
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*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?			
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?	N	lo	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?	N	lo	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)?	N		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?	Ν	lo	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?	N		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?	N		The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	Λ	lo	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	lo	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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. Considerationshould 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 classificationis high	A detailed analysis is required	
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required	
Yes, response to question 18	GHG assessment	For example, EX-ACT tool	
No response to almost	The climate risk classification	No further analysis is required,	
all questions	is low	but voluntary measures can be incorporated	



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

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

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Damachiga, Tikrikilla Block, West Garo Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

				89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
			OUT 1 D	Longitude:
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				Elevation: 91.8 m
				Latitude: 25.283873,
10	6 4 6 1711	D 1	TC 1 1	Longitude:
13	South Garo Hills	Baghmara	Karukol	90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
1.4	South Garo Hills	Baghmara	Siju Bazar	Longitude:
14				90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
16	Courtle Come I I'lle	Canada	Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
				Elevation: 61.38 m
				Latitude:
17	D: Dla a:	Timene	A 1-1-i	25°58'12.0"N,
17	Ri Bhoi	Jirang	Amsohbir	Longitude: 91 32'
				59.4" E
				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongksha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
	East Khasi Hills	Laitkroh		Lat:25.434268,
22		Khatarshnong	Diengkynthong	Long:91.803498,
		Tamanoninong		Ele:1886.21+2m
	East Khasi Hills	Khatarshnong		Lat:25.322077,
23		Laitkroh	Khrang	Long:91.796674,
		LaitNIUII		Ele:1321.83+14m
24	East Khasi Hills	Shella Bholaganj	Laittyra	Latitude:25.209024,
				Longitude:91.73797
				2, Elevation:
				803.04m
25	East Khasi Hills	Mawphlang	Kyrphei	Lat:25.38642,
				Long:91.651403,
				Ele:1667.22+8m

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

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

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

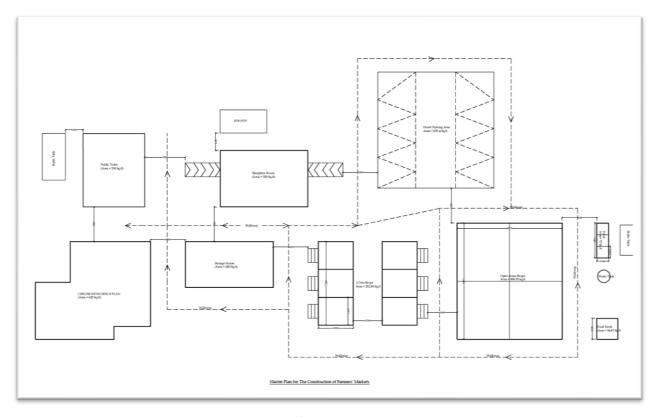
1.2 Sub-project Description:

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

S1. N o	Distric t	Blo ck	Loca tion	GPS Location	No of vill age s cov er	Nearby market and distanc e	Commodities
	West	Tikr	Dam	Latitude: 25.904366,		Tikrikill	Arecanut, Black Pepper,
1	Garo	ikill	achig	Longitude:	18	a, 16	Ginger, Turmeric & Seasonal
	Hills	a	a	90.255166		Km	Vegetables.

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

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



Project Plan Drawing

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

Beneficiaries:

Through this market shade the farmers can sell products Arecanut, Black Pepper, Ginger, Turmeric & Seasonal Vegetables, among others which are locally produced. The beneficary villagers are from nearby 18 villages and other nearest centre from this area is Tikrikilla which is 16 Km away.

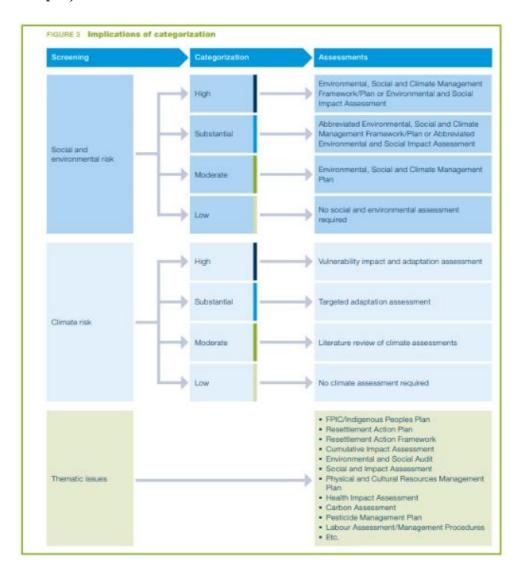
1.3 Objective of Environment and Social Screening Study

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

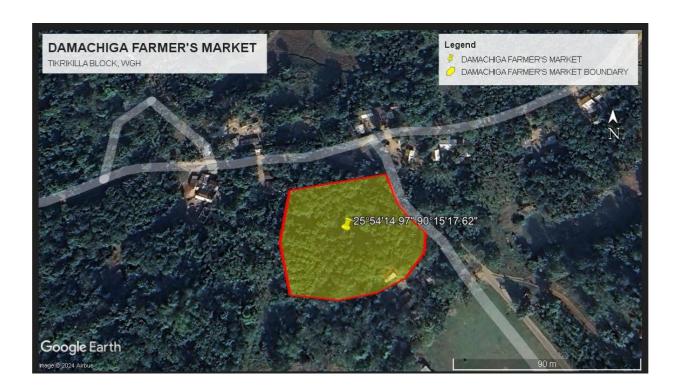
The SECAP project screening exercise is a twin process incorporating: (i) the environment and social aspects; and (ii) the climate risk aspects. The screening result in a proposed environmental and social category and climate risk classification for the project.



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 Damachiga, Tikrikilla, West Garo Hills District



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

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

S1. 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	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
				of ring well in this area.		

2	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Climate Change resilient design and materials reached up to 35 deg. C n and sewage 1. Use of climate-resilient design and materials reached up to 35 deg. C n and sewage 1. Use of climate-resilient design temperature may reached up to 35 deg. C of a storage facility is part of the sub-project. Hence cold 1. ED, Technical is part of the sub-project.	
Adaptatio and materials reached up to 35 deg. C of a storage facility is part of the sub-project. MBMA materials and structures 2. Heavy rainfall is expected during the sub-project. MBMA 2. Contractor 3. DPMU - MLAMP drainage system	
n 2. Elevated structures and drainage systems 2. Heavy rainfall is expected during the sub-project. 2. Heavy rainfall is expected during the sub-project. 3. DPMU - MLAMP drainage system	phase
treatment facility 3. Energy- efficient lighting and appliances 4. Storage facility 2. The roof of the infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	phase

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	Prior and during the construction phase and after the market is operational
Health and Safety	 Safe construction practices Health facilities for market users 	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project Proposed Farmer's market Location at Damachiga, Tikrikilla block						
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables					
Farm ponds of varying sizes	Enterprise development					
Construction of check dams	Integrated production and marketing clusters					
Land husbandry activities	Market infrastructure including rural roads					
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.					
Lift and diversion-based irrigation systems	Establishment of producer groups					
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms					
3. Location of the proposed sub	-project					
Name of the Region in Meghalaya	Meghalaya					
Name of the District	West Garo Hills					
Name of the Block	Tikrikilla					
Name of the Settlement	Damachiga					
Latitude	25.904366 N					
Longitude	90.255166 E					

Questions for environment and social screening	Yes/no	Comments/explanation		
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.				
Project location: Damachiga, Tikrikilla, Wes	st Garo Hills Distr	ict		
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Damachiga, Tikrikilla is not situated on any wetlands nor any wetland is situated within 1Km radius		
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Damachiga, Tikrikilla is already obtained and available.		
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof 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.

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

44 75	b /	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Damachiga, Tikrikilla is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 contruction
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*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 35 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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. Considerationshould 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 classificationis high	A detailed analysis is required		
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required		
Yes, response to question 18	GHG assessment	For example, EX-ACT tool		
No response to almost	The climate risk classification	No further analysis is required,		
all questions	is low	but voluntary measures can be incorporated		



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT LAMIN, AMLAREM BLOCK, WEST JAINTIA HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Lamin, Amlarem Block, West Jaintia Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location	
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m	
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E	
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m	
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m	
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308	
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397	
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166	
8	South West Garo Hills	Reranara Chongnotgre		Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m	
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m	
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m	
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:	

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

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

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

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

1.2 Sub-project Description:

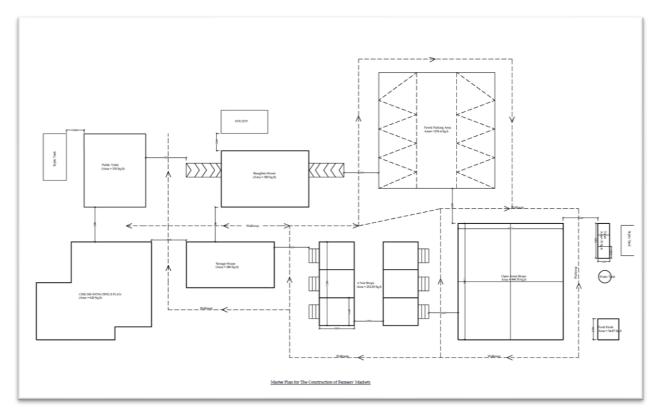
This ESCMP is being developed for the market construction at Lamin within Amlarem Block in West Jaintia Hills district. The other details of the location are as follows:

SI. No	District	Bloc k	Loc atio n	GPS Location	No of vill age s cov er	Nearby market and distance	Commodities
1	West Jaintia Hills	Aml are m	Lam in	Latitude:25.185468, Longitude: 92.02136	40	Amlare m-29 km	Arecanut, Bettle Leaf, Fruits, Vegetables

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

i. Main market shade with an office complex.

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



Project Plan Drawing

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

Beneficiaries:

Through this market shade the farmers can sell products such as Arecanut,Bettle Leaf,Fruits,Vegetables, among others which are locally produced. The beneficary villagers are from nearby 40 villages and other nearest centre from this area is Amlarem which is 29 Km away.

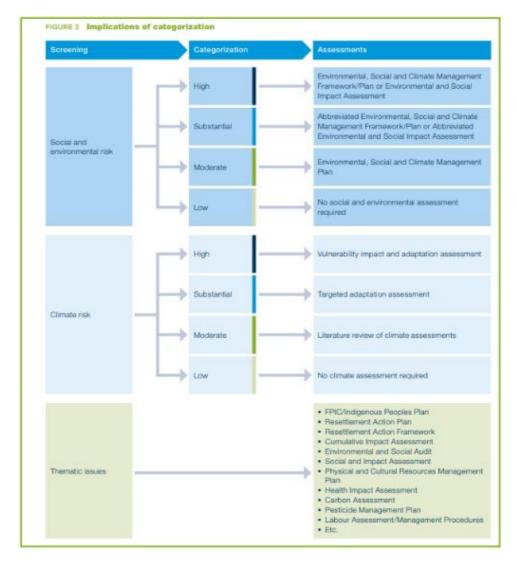
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation 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 Lamin, Amlarem, West Jaintia Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	 Fair labor practices Accessibility for all vendors and customers 	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural	Constructio	1. Development	1. The	Desig	Contractor,	1. Assessment on	ED -	During the construction
Resources		happening in areas	availability	n costs	ED, Technical,	the new	Technical,	phase and after
		where little up-to-date	of the			infrastructure to	MBMA	the market is operational
		information exists on	farmers		DPMU	be build. There		operational
	shade		market in			are already		
		sustainable	this area will			constructed/unde		
	complex	yield/carrying capacity	address the			r construction		
	2. Slaughte	2. Sub-project rely on	problem of			shops funded by		
	r house	surface water	carrying			NEC		
	3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Climate	1 Use of climate-	1. During summer the	h	Desig	1. ED,	1. Regular	ED -	Prior and
Change	resilient design	_	Construction	n	Technical -	_	Technical,	during the
	U	1 2				-	· ·	phase
Adaptation	resilient design and materials 2. Elevated structures and drainage systems and sewage treatment facility 3. Energy-efficient lighting and appliances 4. Storage facility	monsoon season	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 infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to		MEMA 2. Contractor 3. DPMU - MLAMP	inspection of materials and structures 2. Monitor drainage system effectiveness	Technical, MBMA	construction
			season 3. Construction of the retaining					

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

Proposed Farmer's market Location at Lamin, Amlarem block						
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables					
Farm ponds of varying sizes	Enterprise development					
Construction of check dams	Integrated production and marketing clusters					
Land husbandry activities	Market infrastructure including rural roads					
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.					
Lift and diversion-based irrigation systems	Establishment of producer groups					
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms					
3. Location of the proposed sub	-project					
Name of the Region in Meghalaya	Meghalaya					
Name of the District	West Jaintia Hills					
Name of the Block	Amlarem					
Name of the Settlement	Lamin					
Latitude	25.185468 N					
Longitude	92.02136 E					

Questions for environment and social screening	Yes/no	Comments/explanation					
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.							
Project location: Lamin, Amlarem, West Jaintia Hills District							
Would the project develop any wetlands? (Guidance statement 1)		The location at Lamin, Amlarem is not situated on any wetlands nor any wetland is situated within 1Km radius					
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)		The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Lamin, Amlarem is already obtained and available.					
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)		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)?		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)		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 ring well in this area.
9. Does the project pose a risk of introducing potentially invasive species or genetically modified organisms which might alter genetic traits of indigenous species or have an adverse effect on local biodiversity? (Guidance statement 1)	No	The construction of the farmers market is at a minor scale and does not impact any local biodiversity
10. Does the project make use of wastewater (e.g. industrial, mining, sewage effluent)? (Guidance statement 7)	No	The construction of the farmers market has no production of waste water. However, the farmers market will have the construction of the waste management facility which is already budgeted as per the BOQ in STP/ETP for 1 KLD and Site Development. The waste management will be addressed through:

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

44 75	.	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Lamin, Amlarem is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	It is not a category A Project Reason: 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
NO, response to all questions between 1 and 21 and also no response for questions 22 and 36	Environmental and social category is B	19 clarifies that no pest management plan is required 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 contruction
NO, response to all questions between 1 and 36	Environmental and social category is C	No further analysis is required.

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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			Additional
	Yes	No	response*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT NONGLATEM, THADLASKEIN BLOCK, WEST JAINTIA HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Nonglatem, Thadlaskein Block, West Jaintia Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

[89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude: 25.25225,
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				′
				Elevation: 91.8 m
				Latitude: 25.283873,
13	South Garo Hills	Baghmara	Karukol	Longitude:
				90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
14	South Garo Tillis	Dagiiiiara	Siju Dazai	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
			0 0	90.610777,
				Latitude: 25.20836,
			Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
			Triariet	Elevation: 61.38 m
				Latitude:
	Ri Bhoi			25°58'12.0"N,
17		Jirang	Amsohbir	
				Longitude: 91 32'
				59.4" E
4.0				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongsha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
		Khatarshnong	0,7 0	Ele:1886.21+2m
				Lat:25.322077,
23	East Khasi Hills	Khatarshnong	Khrang	Long:91.796674,
		Laitkroh	1	Ele:1321.83+14m
				Latitude:25.209024,
				Longitude:91.73797
24	East Khasi Hills	Shella Bholaganj	Laittyra	C
				2, Elevation:
				803.04m
25	E (VI) III	26 11	TZ 1 ·	Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
		in in princing		Ele:1667.22+8m

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

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

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

1.2 Sub-project Description:

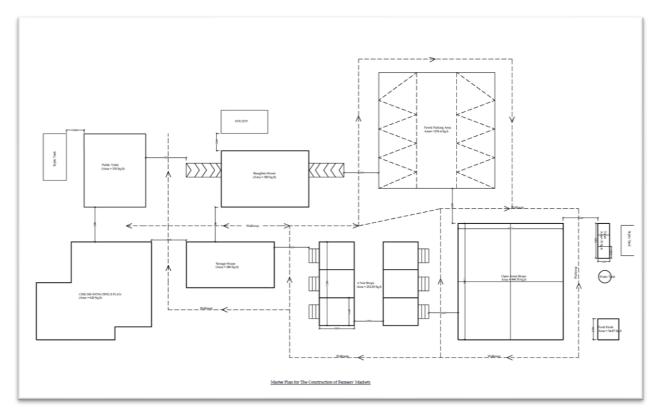
This ESCMP is being developed for the market construction at Nonglatem within Thadlaskein Block in West Jaintia Hills district. The other details of the location are as follows:

S1. No	District	Block	Locat ion	GPS Location	No of vill age s cov er	Nearby market and distance	Commodities
	West	Thadl	Nong	Latitude:25.613616,		10 km	Broom Grass,
1	Jaintia	askei	Nong latem	Longitude:	20	from	Bay leaf,
	Hills	n	latem	92.190648		Nartiang	vegetable

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

i. Main market shade with an office complex.

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



Project Plan Drawing

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

Beneficiaries:

Through this market shade the farmers can sell products such as Broom Grass, Bay leaf, vegetable, among others which are locally produced. The beneficary villagers are from nearby 20 villages and other nearest centre from this area is Nartiang which is 10 Km away.

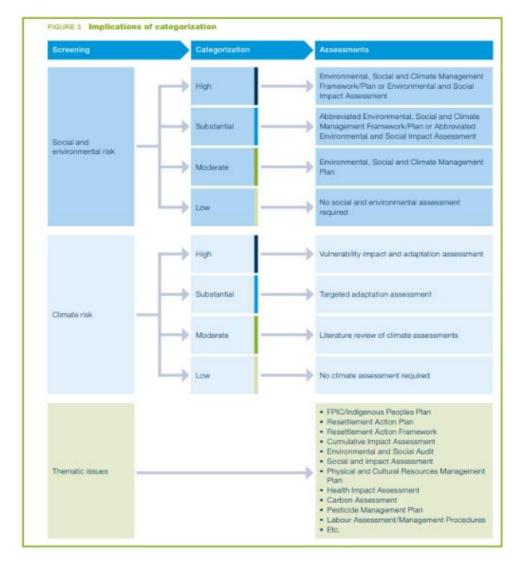
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Nonglatem, Thadlaskein, West Jaintia Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	1. ED, Technical - MBMA 2. DPMU - MLAMP 3. SPMU- MLAMP

4	Human Rights	Fair labor practices Accessibility for all vendors and customers	Labor exploitation Discrimination	4. The farmers will get market shed to sell their products, local goods and will be economically benefited 1. Implement fair wage policies 2. Ensure market accessibility for people with	1. Labor audits 2. Accessibility checks	Market Committee
5	Stakeholder Engagement	Initial public consultation before land allocation and construction of the markets 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	disabilities 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

during the construction
i construction
phase
phase

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Nonglatem, Thadlaskein block	
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables	
Farm ponds of varying sizes	Enterprise development	
Construction of check dams	Integrated production and marketing clusters	
Land husbandry activities	Market infrastructure including rural roads	
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.	
Lift and diversion-based irrigation systems	Establishment of producer groups	
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms	
3. Location of the proposed sub	-project	
Name of the Region in Meghalaya	Meghalaya	
Name of the District	West Jaintia Hills	
Name of the Block	Thadlaskein	
Name of the Settlement	Nonglatem	
Latitude	25.613616 N	
Longitude	92.190648 E	

Questions for environment and social screening	Yes/no	Comments/explanation
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.		
Project location: Nonglatem, Thadlaskein, V	Vest Jaintia Hills I	District
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Nonglatem, Thadlaskein is not situated on any wetlands nor any wetland is situated within 1Km radius
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Nonglatem, Thadlaskein is already obtained and available.
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof 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.

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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	The construction of the farmers market is at a minor scale and does not include construction/rehabilitation/upgrade of
10 per cent of his or her private land taken? (Guidance statement 10)	roads above 10 Km

44 75	.	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Nonglatem, Thadlaskein is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social	-	-
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 contruction
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			Additional	
	Yes	No	response*	
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area	
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones	
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted	
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past	
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events	

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT MARNGOR, MAWTHADRAISHAN BLOCK, WEST KHASI HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Marngor, Mawthadraishan Block, West Khasi Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

[89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude: 25.25225,
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				,
				Elevation: 91.8 m
				Latitude: 25.283873,
13	South Garo Hills	Baghmara	Karukol	Longitude:
				90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
14	South Garo Tillis	Dagiiiiara	Siju Dazai	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
			0 0	90.610777,
				Latitude: 25.20836,
			Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
			Triariet	Elevation: 61.38 m
				Latitude:
				25°58'12.0"N,
17	Ri Bhoi	Jirang	Amsohbir	
				Longitude: 91 32'
				59.4" E
4.0				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
			Nonglatem	Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein		Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongsha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
		Khatarshnong	0,7 0	Ele:1886.21+2m
				Lat:25.322077,
23	East Khasi Hills	Khatarshnong	Khrang	Long:91.796674,
		Laitkroh	1	Ele:1321.83+14m
		<u> </u>		Latitude:25.209024,
				Lantude:25.209024, Longitude:91.73797
24	East Khasi Hills	Shella Bholaganj	Laittyra	C
	_	,		2, Elevation:
				803.04m
25	E (VI) III	26 11	TZ 1 ·	Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
	_			Ele:1667.22+8m

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

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

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

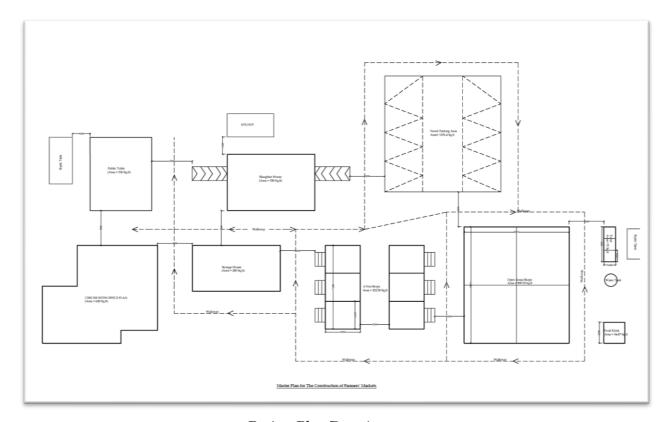
1.2 Sub-project Description:

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

Sl. No	District	Block	Locat ion	GPS Location	No of villa ges cove	Nearby marke t and distan ce	Commo dities
1	West Khasi Hills	Mawthadr aishan	Marng or	latitude:25.428529, Longitude: 91.428529	8	12km Markasa	Seasonal veg, paddy rice, potato, s quashes, carrot, brinjal, beans

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

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



Project Plan Drawing

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

Beneficiaries:

Through this market shade the farmers can sell products such as seasonal vegetables, paddy rice, potato, squash, carrot, brinjal, beans, among others which are locally produced. The beneficary villagers are from nearby 8 villages and other nearest centre from this area is Markasa which is 12 Km away.

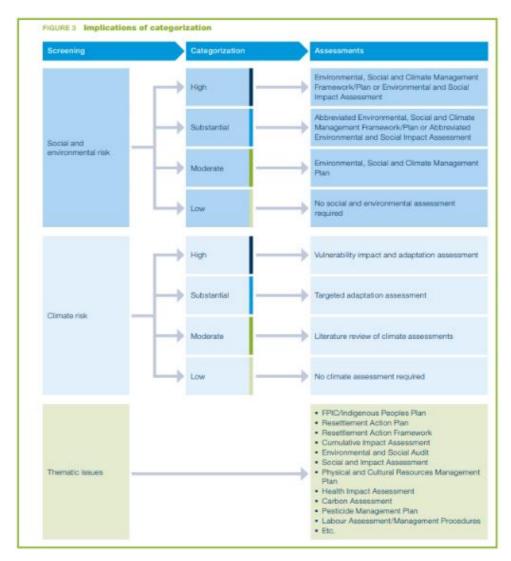
1.3 Objective of Environment and Social Screening Study

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

that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Marngor, Mawthadraishan, West Khasi Hills District



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

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

S1. 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	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
				of ring well in this area.		

2	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural	Constructio	1. Development	1. The	Desig	Contractor,	1. Assessment on	ED -	During the construction
Resources		happening in areas	availability	n costs	ED, Technical,	the new	Technical,	phase and after
		where little up-to-date	of the			infrastructure to	MBMA	the market is operational
		information exists on	farmers		DPMU	be build. There		operational
	shade		market in			are already		
		sustainable	this area will			constructed/unde		
	complex	yield/carrying capacity	address the			r construction		
	2. Slaughte	2. Sub-project rely on	problem of			shops funded by		
	r house	surface water	carrying			NEC		
	3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

Climate Change resilient design and materials reached up to 35 deg. C n and sewage 1. Use of climate-resilient design and materials reached up to 35 deg. C n and sewage 1. Use of climate-resilient design temperature may reached up to 35 deg. C of a storage facility is part of the sub-project. Hence cold 1. ED, Technical is part of the sub-project is part of the sub-project. Hence cold 1. ED, Technical is part of the sub-project is part of the sub-project. Hence cold 1. ED, Technical is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project is part of the sub-project	
Adaptatio and materials reached up to 35 deg. C of a storage facility is part of the sub-project. MBMA materials and structures 2. Heavy rainfall is expected during the sub-project. MBMA 2. Contractor 3. DPMU - MLAMP drainage system	
n 2. Elevated structures and drainage systems 2. Heavy rainfall is expected during the sub-project. 2. Heavy rainfall is expected during the sub-project. 3. DPMU - MLAMP drainage system	phase
treatment facility 3. Energy- efficient lighting and appliances 4. Storage facility 2. The roof of the infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to	phase

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	Prior and during the construction phase and after the market is operational
Health and Safety	 Safe construction practices Health facilities for market users 	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Marngor, Mawthadraishan block		
2. Type of proposed activity (ti	ck 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/ Insitu rainwater harvesting systems	Promotion of high value spices and fruits/ vegetables		
Farm ponds of varying sizes	Enterprise development		
Construction of check dams	Integrated production and marketing clusters		
Land husbandry activities	Market infrastructure including rural roads		
Forestry related activities such as <i>jhum</i> land management, establishment of community nurseries, afforestation, etc.	Establishment of IVCS and access to rural finance.		
Lift and diversion-based irrigation systems	Establishment of producer groups		
Any Other (Please Specify)	Facilitation of multi-stakeholder platforms		
3. Location of the proposed sub	-project		
Name of the Region in Meghalaya	Meghalaya		
Name of the District West Khasi Hills			
Name of the Block	Mawthadraishan		
Name of the Settlement	Marngor		
Latitude	25.428529 N		
Longitude	91.428529 E		

Questions for environment and social screening	Yes/no	Comments/explanation		
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.				
Project location: Marngor, Mawthadraishan,	West Khasi Hills	District		
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Marngor, Mawthadraishan is not situated on any wetlands nor any wetland is situated within 1Km radius		
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Marngor, Mawthadraishan is already obtained and available.		
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areasof 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.

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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

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	The construction of the farmers market is at a minor scale and does not include construction/
long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)	rehabilitation/upgrade of roads above 10 Km

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.

44 75	.	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Marngor, Mawthadraishan is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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

workers is foreseen for construction.

Guidance for categorization

Yes response to any questions between 1 and 21	Environmental and social category is not a category A	It is not a category A Project Reason: ♣ NO to question 16 ♣ 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 contruction
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			Additional
	Yes	No	response*
1. Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this subproject 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 weatherthat 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-lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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)?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated



SOCIAL, ENVIRONMENT AND CLIMATE ASSESSMENT PROCEDURES (SECAP)

FOR

PROPOSED FARMER'S MARKET LOCATION AT NONGLWAI, NONGSTOIN BLOCK, WEST KHASI HILLS DISTRICT

PREPARED BY:

MBMA - SPMU on 7 October 2024

Meghalaya Basin Management Agency (MBMA)

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

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

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

- 1. The proposed project at Nonglwai, Nongstoin Block, West Khasi Hills District will be constructed under the above project.
- 2. The project land is free from any 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 31 nos. of Farmers markets throughout the state of Meghalaya, the locations are indicated below. The procurement process will be initiated through a National Competitive Bidding process as per the iFAD procurement guidelines.

S1. No	District	Block	Location	GPS Location
1	East Garo Hills	Samanda	Williamnagar	Lat: 25.51207 N; Long: 90.60677 E, Elevation: 253.1 m
2	East Garo Hills	Dambo Rongjeng	Dimre	Lat: 25.35938 N; Long: 90.482117 E
3	North Garo Hills	Kharkutta	Baghabatta	Latitude:25.922911, Longitude:90.86006 6, Elevation:78.8+3m
4	North Garo Hills	Kharkutta	Adokgre Bazar	Latitude:25.883751, Longitude:91.00228 2, Elevation:82.64+7m
5	West Garo Hills	Selsella	Kalchengpara	Latitude: 25.708562, Longitude: 90.090308
6	West Garo Hills	Dadenggre	Magalpara	Latitude: 25.45'57,61607, Longitude: 90.8'45.10397
7	West Garo Hills	Tikrikilla	Damachiga	Latitude: 25.904366, Longitude: 90.255166
8	South West Garo Hills	Rerapara	Chongpotgre	Latitude: 25.474938 Longitude: 90.089035 Elevation: 59.79 m
9	South West Garo Hills	Betasing	Chigitchakgre	Latitude: 25.458152 Longitude: 89.957744 Elevation: 40.60 m
10	South West Garo Hills	ZikzaK	Dimiligre	Latitude: 25.462522 Longitude: 89.872150 Elevation: 33.82 m
11	South West Garo Hills	Zikzak	Doramchas	Latitude: 25.352360 Longitude:

I			İ	89.848396
				Elevation: 32.6 m
				Latitude: 25.25225,
				Longitude: 25.25225,
12	South Garo Hills	Chokpot	Silki Bazar	90.482093,
				,
				Elevation: 91.8 m
				Latitude: 25.283873,
13	South Garo Hills	Baghmara	Karukol	Longitude:
				90.648153
				Elevation: 87.92 m
				Latitude: 25.358125,
14	South Garo Hills	Baghmara	Siju Bazar	Longitude:
14	South Galo Hills	Dagiillara	Siju bazai	90.65882,
				Elevation:236.21 m
				Latitude: 25.305289,
15	South Garo Hills	Baghmara	Nengkong Bazar	Longitude:
				90.610777,
				Latitude: 25.20836,
			Cherengpara	Longitude:
16	South Garo Hills	Gasuapara	Market	90.268763,
			Trial Net	Elevation: 61.38 m
				Latitude:
				25°58'12.0"N,
17	Ri Bhoi	Jirang	Amsohbir	
				Longitude: 91 32'
				59.4" E
4.0				Latitude:25.185468,
18	West Jaintia Hills	Amlarem	Lamin	Longitude:
				92.02136
				Latitude:25.613616,
19	West Jaintia Hills	Thadlaskein	Nonglatem	Longitude:
				92.190648
				Lat:25.468343,
20	East Khasi Hills	Mawkynrew	Jongsha	Long91.972646,
				Ele:1669.34+6m
				Lat:25.407866,
21	East Khasi Hills	Mawkynrew	Jatah	Long92.043784,
				Ele:1486.11+8m
				Lat:25.434268,
22	East Khasi Hills	Laitkroh	Diengkynthong	Long:91.803498,
	2001 141001 111110	Khatarshnong	Diengrymmong	Ele:1886.21+2m
				Lat:25.322077,
23	East Khasi Hills	Khatarshnong	Khrang	Lat.25.322077, Long:91.796674,
23	East Miasi Hills	Laitkroh	Nitially	Ele:1321.83+14m
				Latitude:25.209024,
24	East Khasi Hills Shella Bho	Shella Bholaganj	Laittyra	Longitude:91.73797
			Eartty Tu	2, Elevation:
				803.04m
				Lat:25.38642,
25	East Khasi Hills	Mawphlang	Kyrphei	Long:91.651403,
				Ele:1667.22+8m

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

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

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

1.2 Sub-project Description:

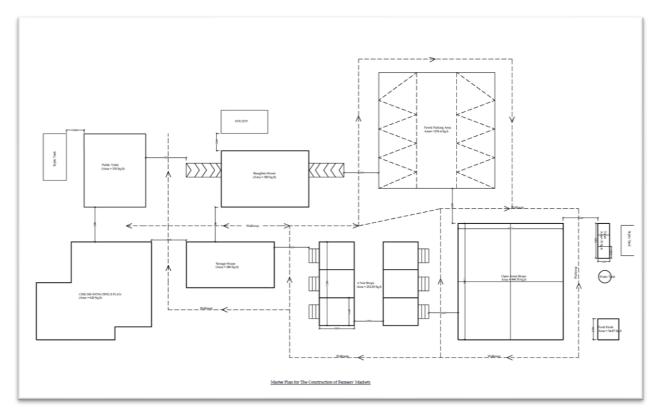
This ESCMP is being developed for the market construction at Nonglwai within Nongstoin Block in West Khasi Hills district. The other details of the location are as follows:

S1. No	District	Bloc k	Locat ion	GPS Location	No of vill age s cov er	Nearby market and distance	Commodities
29	West Khasi Hills	Nong stoin	Non glwa i	Lat:25.453398, Long: 91.332753	21	Nongstoi n: 17kms	Seasonal Vegetables, Livestock, Paddy

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

i. Main market shade with an office complex.

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



Project Plan Drawing

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

Beneficiaries:

Through this market shade the farmers can sell products such as Seasonal Vegetables, Livestock, Paddy, among others which are locally produced. The beneficary villagers are from nearby 21 villages and other nearest centre from this area is Nongstoin which is 17 Km away.

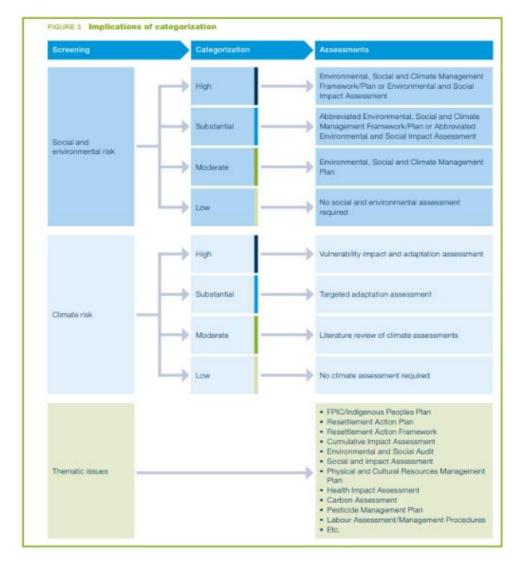
1.3 Objective of Environment and Social Screening Study

A comprehensive screening process on the ESCMP matrix of the MLAMP – ESCMP was conducted on all the 31 nos. of locations where the Farmers Market will be constructed. This screening exercise allows MLAMP to identify and avoid activities that may cause impacts to the environment, social, and climate risk which may be caused through the implementation of the 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 Nonglwai, Nongstoin, West Khasi Hills District



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

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

Sl. No.	Principle	Activity	Anticipated Impact/Risk	Mitigation Measures	Monitoring Plan	Responsibility
1	Environmental and Natural Resource Management (NRM)	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	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 subproject. 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	1. Regular inspection of materials and structures 2. Monitor drainage system effectiveness	1. ED, Technical - MBMA 2. Contractor 3. DPMU - MLAMP
3	Social Inclusion and Gender	Inclusion of women and marginalized groups in market operations 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	Gender inequality - Social exclusion Market operations and management	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	1. Gender representation 2. Audits 3. Satisfaction surveys	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	Fair labor practices Accessibility for all vendors and customers	Labor exploitation 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	Initial public consultation before land allocation and construction of the markets 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 subproject	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	 Safe construction practices 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	 Incident reports 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

Emrinommont					I	nstitutional Respo	nsibility	
Environment Aspects or Project Activities	Civil work/ Project activities	Potential Environmental/Soci al impacts	Mitigation / Remedial Measures		y	Monitoring Action/Indicator	Supervision	Frequency of implementatio nand/or monitoring
Natural Resources	n of: 1. Main market shade with office complex 2. Slaughte	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	n costs	ED, Technical, MBMA DPMU	1. Assessment on the new infrastructure to be build. There are already constructed/under construction shops funded by NEC	ED – Technical, MBMA	During the construction phase and after the market is operational
	r house 3. Toilet		capacity and			2. Availability of		

facility	meet the	the water during	
4. Storage	increasing	the construction	
facility	demand in		
5. Sewage	agricultural		
treatme	produce and		
nt	sustain the		
facility	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		
	groundwate		
	r and/or		
	surface water. There		
	is already		
	availability		
	of ring well		
	in this area.		
	mi uns area.	I I	

c or chilitate	1. During summer the	1.	Desig	1. ED,	1. Regular	ED -	Prior and
	temperature may	Construction	n	Technical -	inspection of	Technical,	during the construction
0	1 2			MBMA	_	MBMA	phase
evated tures and age systems	2. Heavy rainfall is expected during the monsoon season	facility is part of the sub-project. Hence cold storages may be installed in future as per the requirements 2. The roof of the infrastructur e will be a slanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to		2. Contractor 3. DPMU -	materials and structures 2. Monitor drainage system effectiveness	MBMA	phase
r t i e e	naterials vated ures and age systems ewage nent facility ergy- ent lighting ppliances	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season rage systems ewage nent facility ergy- ent lighting ppliances rage facility	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. 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	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season 2. Heavy rainfall is expected during the monsoon season 2. 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	reached up to 35 deg. C Vated ures and age systems exactly and age systems are and age systems of the sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any	reached up to 35 deg. C vated ures and age systems awage ment facility argy—mit lighting popliances rage facility rage facility rage facility reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season Provided 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	reached up to 35 deg. C 2. Heavy rainfall is expected during the monsoon season The sub-project is sub-project. Hence cold storages may be installed in future as per the requirements alanting-type design so that water will not be accumulated during rainy season 3. Construction of the retaining walls to avoid any

			construction of the infrastructur e					
Human Rights	 Fair labor practices Accessibility for all vendors and customers 		1. Implement fair wage policies 2. Ensure market accessibility for people with disabilities	Desig n costs	Market Committee	1. Labor audits 2. Accessibility checks	DPMU – MBMA Market Committe e	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	construction personnel & public	safety	Desig n costs		Incident reports Health service utilization	1. Contractor 2. MLAMP - DPMU	Prior and during the construction phase and after the market is operational

ANNEXURE - I

Environment and Social Screening Form

Part A: General Information

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

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

This checklists for environmental and social and climate risks will:

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

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

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

1. Name of the sub-project	Proposed Farmer's market Location at Nonglwai, Nongstoin block				
2. Type of proposed activity (ti	ick 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/ Insitu 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	p-project				
Name of the Region in Meghalaya	Meghalaya				
Name of the District	West Khasi Hills				
Name of the Block	Nongstoin				
Name of the Settlement	Nonglwai,				
Latitude	25.453398 N				
Longitude	91.332753 E				

Questions for environment and social screening	Yes/no	Comments/explanation					
Category A: the following may have significant and often irreversible or not readily remedied adverse environmental and/or social implications.							
Project location: Nonglwai, Nongstoin, West Khasi Hills District							
Would the project develop any wetlands? (Guidance statement 1)	No	The location at Nonglwai, Nongstoin is not situated on any wetlands nor any wetland is situated within 1Km radius					
2. Would the project cause significant adverse impacts to habitats and/or ecosystems and their services (e.g. conversion of more than 50 hectares of natural forest, loss of habitat, erosion/other form of land degradation, fragmentation and hydrological changes)? (Guidance statements 1, 2 and 5)	No	The location of the farmers market is in existing barren land which belongs to Government. The permission/NOC from the local authorities for utilization of the land for the construction of the farmers market at Nonglwai, Nongstoin is already obtained and available.					
3. Does the proposed project target area include ecologically sensitive areas, ⁶¹ areas of global/national significance for biodiversity conservation, and/or biodiversity-rich areas and habitats depended on by endangered species? (Guidance statement 1)		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.

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

Infrastructure development		1. Huge dustbins will be placed in certain areas in the market for the waste to be dumped 2. There is a vehicle arranged by the market committee to collect the dustbins every day or as per need 3. The waste from the market will be dumped in the allocated site in the village as per directions of the village/district authorities
 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 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
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

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	The construction of the farmers market is at a minor scale and does not include construction/
long, or any farmer with more than 10 per cent of his or her private land taken? (Guidance statement 10)	rehabilitation/upgrade of roads above 10 Km

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.

44 75	.	m
14. Does the project include drainage or	Yes	The construction of the farmers market will include
correction of natural waterbodies		the construction of a
(e.g. river training)? (Guidance statement		drainage system. There are
7)		no water bodies nearby
		which will require any
		correction
15. Doos the project involve significant	No	The construction of the
15. Does the project involve significant	NO	farmers market is at a
extraction/diversion/containment of		minor scale and will not
surface water, leaving the river flow below		involve significant
20 per cent environmental flow plus		extraction/diversion/conta
downstream user requirements?		inment of surface water
(Guidance statement 7)		inficial of Surface Water
Social		
16. Would the project result in economic	No	There is no settlement in the
displacement ⁶⁴ or physical resettlement of		area of the farmer market.
more than 20 people, or impacting more		The nearest village is about
than 10 per cent of an individual		1 kms away.
household's assets?		·
(Guidance statement 13)		
17. Would the project result in conversion	No	The construction of the
± /	140	farmers market is on a
and/or loss of physical cultural resources?		barren land and does not
(Guidance statement 9)		result in conversion and/or
		loss of physical cultural
		resources
18. Would the project generate significant	No	The construction of the
social adverse impacts to local communities		farmers market will in fact
(including disadvantaged and vulnerable		bring together the local
groups and indigenous people) or other		communities including
project-affected parties?		disadvantaged and
(Guidance statement 13)		vulnerable groups and
(Guidance statement 15)		indigenous people
Other		
19. Does the project include the manufacture	No	The construction of the
and transportation of hazardous and toxic		farmers market does not
materials which may affect the		include the manufacture
environment? (Guidance statement 2)		and transportation of
,		hazardous and toxic
		materials
20. Does the project include the construction of	No	The construction of the
a large or medium-scale industrial plant?		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.
21 Describe week (* 1.1 (1.1 1.1	NIa	Slaughter house = 350 Sqft
21. Does the project include the development of	No	The construction of the
large-scale production forestry?		farmers market is at a
(Guidance statement 5)		minor scale. The size of the
		farmers market is:
		Office space and Creche=
		620 Sqft.

Storage= 280 Sqft.
Public toilet= 330 Sqft.
Slaughter house = 350 Sqft

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

Category B the following may have some adver implications which can be readily remedied.	se environ	mental and/or social
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.
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 soiland 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 m³)? (Guidance statements 7 and 8)	No	The farmer's market will have the minor drainage system as per the subproject design but there is no irrigation or construction of small/medium dams

30. Does the project include small and	Yes	The farmers market will
microenterprise development subprojects?		have shops/stalls and
(Guidance statements 12 and 13)		may
		promote/encourage
		development of
		microenterprise
31. Does the project include the development of	Yes	The farmers market will
agro-processing facilities?		have shops/stalls and
(Guidance statements 2, 6 and 12)		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 theproject cause an increase in traffic on rural roads? (Guidance statement 10)	Yes	The construction of the farmers market at Nonglwai, Nongstoin is estimated at INR 45,00,000 (Rupees Forty-Five Lakhs). It may increase the traffic on the rural roads as the neighboring villages will be visiting this market to sell and buy the produce
Social		
33. Would any of the project activities have minor adverse impacts on physical cultural resources? (Guidance statement 9)	No	The project location away from such structures and the nearest village is 1 kms away
34. Would the project result in physical resettlement of 20 people or less, orimpacting 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.

Guidance for categorization

Yes response to any	Environmental and	It is not a category A Project	
questions between 1 and 21	social category is not a category A	Reason: ♣ NO to question 16 ♣ 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 contruction	
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			Additional
	Yes	No	response*
Is the project area subject to extreme climatic events, such as flooding, drought, tropical storms orheat waves?		No	During summer the temperature may reach up to 25 deg. C. However, this subproject 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 weatherthat 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- lyingcoastal areas/zones exposed to tropical storms?		No	This location is on a plan area and is far away from any coastal area
4. Would the project make investments in glacial areas and mountains zones?		No	This location is far away from any glacial areas and mountains zones
5. Would the project promote agricultural activity in marginal and/or highly degraded areas that have increased sensitivity to climatic events (such as on hillsides, deforested slopes or floodplains)?		No	This sub-project is related to construction of farmer's market and no agricultural activity is being promoted
6. Is the project located in areas where rural development projects have experienced significant weather-related losses and damages in the past?		No	This location has not experience significant weather-related losses and damages in the past
7. Would the project develop/install infrastructure in areas with a track record of extreme weather		No	This location is not prone to extreme weather events

events?		
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?	N	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?	N	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)?	N	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?	N	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?	N	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?	N	The institutional development and capacity building for the rural institutions is in the scope of the MLAMP project but not for this subproject 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?	N	Currently this is not in-scope of this subproject
15. Does the project intervention have opportunities to strengthen indigenous climate risk management capabilities?	N	Currently this is not in-scope of this subproject

16. Does the project have opportunities to integrate climate resilience aspects through policy dialogue to improve agricultural sector strategies and policies?		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. Considerationshould 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 classificationis high	A detailed analysis is required
Yes, response to any of the questions 8 to 17	The climate risk classificationis moderate	A basic analysis is required
Yes, response to question 18	GHG assessment	For example, EX-ACT tool
No response to almost	The climate risk classification	No further analysis is required,
all questions	is low	but voluntary measures can be incorporated