

South Asia Co-operative Environment Programme (SACEP) Plastic free Rivers and Seas for South Asia (P171269)

ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN (ESMP) OF MATERIAL RECOVERY FACILITY - CHUNNAKAM

GRANTEE: NEGOMBO RECYCLING CLUB PVT LTD - SRI LANKA

Environmental and Social Management Plan (ESMP)

Building a Blue Lanka by Uplifting Communities - BLUECAP

1. Subproject Information

Subproject Title:	Material Recovery Facility -Chunnakam, Jaffna District
Estimated Cost:	19,310 USD
Start/Completion Date:	01.05.2024-31.05.2025

2. Site/Location Description

The proposed Material Recovery Facility (MRF) site is located at Sinnakulam, Kandarodai West, Chunnakkam. in the Uduwill West Local Authority area in the Jaffna district of the Western Province in Sri Lanka. The site encompasses 20 perch of privately owned flat land with clear ownership and NRC has signed an agreement with the owners (Annexure 4). No involuntary land acquisition issues are anticipated for the project.

The land is characterized by a residential land use pattern surrounded by a residential house and several small grocery shops, a Buddhist temple (Kadurugoda Viharaya), and a Hindu Kovil (Amman Kovil) located within a 1-kilometer radius. The vegetation is primarily composed of a home garden, predominantly featuring palm trees. The site's area of influence does not contain any protected habitats.

The Jaffna District, where the project will be located, had 626,000 people in 2021 and 21,456 families. The economic activities in the area are diverse, with residents predominantly involved in trade, small businesses, Home gardening, and services. In terms of the local community, the area primarily consists of individuals engaged in residential living, agricultural, and small-scale commerce.

An access road to the site is available to ensure the facility operates effectively. The project needs to establish provisions for water and electricity supply. The water supply will be sourced from the public water supply and used solely for the workers' consumption and daily needs. No water will be used in the operational process.

The site is located in the dry zone. The district's yearly temperature is 30.76°C (87.37°F) and it is 3.3% higher than Sri Lanka's averages. Jaffna typically receives about 146.53 millimeters (5.77 inches) of precipitation. The wettest month is November and the driest is March.

Coordinates of the location: 9.74486, 80.00760

[Location Map](#)



3. Sub-Project Description and Activities

Facilitating a new MRF

This project involves the construction and establishment of a recyclable plastic collection center with the following components:

1. Constructing a 20x30 sq. ft. collection center with a concrete floor, a shelter, and metal sheet side covers.
2. Collecting recyclable plastic, manually sorting it, and baling the sorted plastics.
3. Storing the bales under shelter until dispatch.
4. Additionally, three electric bicycles will be provided for collecting recyclable plastic.

The Material Recovery Facility aims to collect 14 tons of recyclable plastic per month and deliver it to the Negombo Recycling Club for recycling. Its operational area will cover a radius of up to 20 km within the Jaffna district. The operations of the MRF, supported by the project, will continue until the end of the project, after which the NRC will take over responsibility.

Construction Phase:

Approximately 02 skilled and 02 unskilled workers will be deployed for two months for the construction of the hut.

Operational Phase:

For the operation phase, approximately 3 skilled workers and 3-5 unskilled workers are occupied and recruited gradually while continuously trained on the operations of MRF.

Institutional Arrangements

This sub-project is implemented by NRC as part of its initiative to establish new Material Recovery Facilities (MRFs). NRC has formalized a legal agreement with the landowner, defining the rights and responsibilities of both parties. The agreement outlines the terms of collaboration, ensuring the successful implementation of the project and the development of a robust material flow plan for recyclable materials (annex 04).

Under the agreement, NRC is responsible for providing key resources, including a storage hub, baler machine, electric cycle, drop-off bins, and bags, to support the MRF's operations related to collecting and managing recyclable plastic waste. NRC also oversees awareness and public relations activities and ensures compliance with national environmental and Environmental and Social Management Plan (ESMP) requirements. Additionally, NRC provides training for MRF owners, MRF staff, and other personnel nominated by the facility.

Construction activities are conducted by a contractor selected through NRC's competitive bidding and procurement process, under the supervision of the Technical Officer and the Environmental & Social (E&S) Officer mobilized by NRC. The MRF, in turn, is accountable for collecting recyclable plastic waste, supplying materials, and effectively utilizing and managing the resources provided. The MRF is also responsible for ensuring compliance with national laws and ESMP requirements.

NRC has a zero-tolerance policy on PSEA (Prevention of Sexual Exploitation and Abuse) and SH (Sexual Harassment). All the contractors, subcontractors, and all staff are required to adhere to the zero tolerance by signing the Code of Conduct, PSEA/ SH Policy.

The grievance Readiness Mechanism is established to effectively handle and address complaints or concerns raised by stakeholders, employees, or the public regarding the sub-project (Annex 6). It ensures that grievances are promptly acknowledged, investigated, and resolved fairly and transparently.

4. ESMP Matrix: Risk and Impacts, Mitigation, Monitoring

The below ESMP Tables reflect the E&S risks and impacts that are related to the design of the facilities and the operation and take into account the local specificities of the respective site.

4.1 Construction stage

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing/ Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility *	
Disturbance to the vegetative soil during ground preparation activities due to the removal of ground vegetation cover.	10 trees will be planted in and outside of the facility as a compensation measure.	at site /During Construction	MRF Owner	10 of trees planted	Monthly Monitoring photo evidence Site visit	E and S Officer NRC Technical Expert(Env't) Country team	150
Environmental damage due to discharge of wastewater generated during construction	Construction wastewater will be directed to a pit	Construction site(01 day)	Contractor and the Environmental and Social officer	Availability of the pit Checking the practice of water discharge	Regular Monitoring One site visit during construction and monthly meetings- Online by country team/ NRC	NRC- E and S Officer Technical Expert(Env't) Country team/NRC	
Public nuisance due to Noise Pollution during excavation and earthworks soil compaction, cutting iron bars, and machine installation.	Construction work will be carried out during the daytime. A grievance Redress Mechanism will be implemented/ public complaint Box will be maintained. Noise levels at the boundary of the Land	At site/ During excavation and Earthwork, Earth filling and compaction, machine installation, and steel works (01 to 02 days for each activity)	Contractor and the Environmental and Social officer	Noise measurement records # of grievances received regarding noise	Regular Monitoring One site visit during construction and monthly meetings- Online by country team/ NRC	NRC- E and S Officer NRC Technical Expert(Env't) Country team	50

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing/ Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility *	
	<p>will be maintained below 75dB(A)</p> <p>Selection of less Noisy Equipment (At least D4 type machines will be used to minimize the noise)</p>						
Solid waste Accumulation	<p>Adopt a construction waste management plan</p> <p>Construction waste will be sorted for reuse. Any remaining waste will be removed from the site by the building contractor in coordination with the Local Authority.</p> <p>Maintaining Daily records</p>	at the site throughout the activity (01 months)	Contractor	<p>Availability of the plan</p> <p>Evidence for construction waste being sorted</p>	Monthly Monitoring Monthly meeting	<p>NRC- E and S Officer</p> <p>Technical Expert(Env't) Country team</p>	Practical measure that does not need additional cost
Soil and water contamination, along with potential mosquito breeding, due to the generation of	Construction wastewater will be directed to a dedicated sedimentation pit to	On-site, throughout the activity	Contractor	<p>Records of cleaning</p> <p>Evidence of maintenance of channels</p>	Monthly monitoring	NRC- E and S Officer	<p>Costs of repellent 50</p> <p>Cleaning does not</p>

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing/ Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility *	
wastewater during construction	<p>prevent soil and water contamination.</p> <p>Surrounding areas will be cleaned daily to remove potential mosquito breeding sites.</p> <p>Drainage channels will be maintained to ensure proper water flow and prevent stagnation.</p> <p>Mosquito repellents and larvicides will be applied to stagnant water areas as needed.</p>			Evidence for application of repellent		Technical Expert(Eenvt) Country team	need additional cost.
Occupational Health and Safety (OHS) Risks for workers during construction, electrical wiring, and machinery setup.	All workers will be equipped with necessary personal protective equipment (PPE), including helmets, gloves, safety boots, goggles, and high-visibility	On-site, throughout the activity	Contractor	<p>% of workers wearing appropriate PPE during construction activities</p> <p>Availability of</p>	<p>Monthly Monitoring</p> <p>One site visit during construction and monthly meetings- Online by country team/ NRC</p>	<p>NRC- E and S Officer</p> <p>Technical Expert(Eenvt) Country team</p>	<p>Cost of PPE</p> <p>Cost of first aid kits</p> <p>200</p>

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing/Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility *	
	<p>vests to reduce the risk of physical injuries.</p> <p>Strict safety protocols will be implemented for all electrical wiring activities.</p> <p>Fully stocked first aid kits will be maintained and made accessible to the workers on-site.</p> <p>Proper sanitary facilities (separate for men and women) will be provided, and access to safe drinking water will be ensured for all workers.</p> <p>Adequate, well-ventilated workspaces, clean eating areas, and separate sleeping</p>			<p>First Aid box, Accident Register</p> <p>Daily checking of water accumulated places and cleaning</p>			

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing/Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility *	
	areas for men and women (if necessary) will be provided to ensure workers' comfort and well-being.						
Lack of understanding of EHS risk, impacts, and mitigation measures leads to accidents and health impacts.	The capacity of the construction company will be accessed on OHS. Workers will be trained on OHS through toolbox talks	On-site, throughout activity	Contractor	Evidence for capacity assessment. Number of toolbox talks conducted	Monthly Monitoring	NRC- E and S Officer Technical Expert(Env't) Country team	practical measure that does not need additional cost
Risks of Sexual Exploitation and Abuse (SEA) and Sexual Harassment (SH) a) between project workers; b) between Project workers and local community members	A PSEA Focal Point will be appointed at the project level (Assistant Manager - Male and Field Officer - Female, Sinhala and Tamil speaking). Visibility of the reporting line will be displayed at the site Awareness training will be provided on recognizing, and preventing SEA/SH for	Training and awareness will be conducted before the commencement of work. Implementation of Focal Points and signing of CoC by the contractor at the site during the construction period.	Environmental and Social officer Gender focal point of the project	Number of training sessions provided to workers Number of awareness sessions provided to project staff and communities Number of awareness	Monthly Monitoring site visit and meeting	Gender focal point of the project Technical Expert(Env't) Country team	50 (Most measures are practical measures that do not require additional cost)

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing/Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility *	
	<p>a) Project site workers and contractors b) affected communities.</p> <p>Training will be provided on the reporting line of SEA/SH-related grievances for Project workers and staff.</p> <p>Awareness and visibility material will be displayed for communities.</p> <p>All Project workers are required to sign a Code of Conduct (CoC) including instructions on SEA/SH prevention.</p> <p>Specific and dedicated SEA/SH response mechanisms will be provided including referral to SEA/SH services.</p>			<p>done for communities and Availability of visibility material on GRM.</p> <p>Percentage of workers that have signed the CoC</p>			

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing/Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility *	
Potential for social issues related to labor influx	<p>Worker grievance meetings will be conducted.</p> <p>Training will be provided to raise awareness of communicable diseases and Gender-based violence</p>	at site	Contractor and the Environmental and Social officer	Availability of meeting records	Regular Monitoring site visitor meeting	<p>NRC- E and S Officer Gender focal point of the project</p> <p>Technical Expert(Emt) Country team</p>	
Non-compliance with the local regulatory requirements and workers' dissatisfaction due to extensive work requirements	<p>A workers' GRM will be developed and implemented.</p> <p>A LMP will be developed and implemented in line with PLEASE Project LMP and national labor laws.</p> <p>Wages will be paid for workers as per Labor Management Procedures (LMP)</p>	On-site, throughout activities	Contractor and HR Officer	<p>A number of workers' grievances filed</p> <p>Availability and implementation of code of conduct.</p> <p>Payrolls</p> <p>Site visit and reviewing received complaints</p>	Monthly Monitoring	Technical Expert(Emt) Country team and NRC	<p>Cost for GRM (repeating cost)</p> <p>75</p>

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing/ Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility *	
Risk of child labor	<p>All recruitments will be conducted in accordance with the minimum age requirements of the Project, in compliance with national laws and ESS2 (Labor and Working Conditions). The age of all workers will be documented at the time of hiring to ensure adherence to these regulations.</p> <p>The age of workers will be verified with communities where required.</p> <p>A track record search of the contractors will be conducted during the procurement process (record of health and safety violations, fines, consult public documents related to workers' rights violations, GBV/SEA/SH issues, etc.)</p>	At the site, throughout construction	Contractor and the Environmental and Social officer - NRC	<p>Number of workers' grievances filed</p> <p>Number of track record searches conducted</p>	Monthly monitoring	<p>NRC- Gender focal point of the project</p> <p>Technical Expert(Env't) Country team</p>	Practical measure that does not need additional cost

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing/ Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility *	
Risk of forced labor	<p>A Workers' GRM will be established, ensuring workers have access to the Project's GRM.</p> <p>Awareness will be raised in communities.</p>	Throughout construction	Contractor	Number of grievances filed in workers' GRM	Monthly monitoring	<p>NRC-E & S officer</p> <p>Technical Expert(Env't) Country team</p>	Cost of GRM 75
Lack of stakeholder engagement	<p>A Site-specific stakeholder map will be established including vulnerable groups, project-affected parties, and other interested parties (based on the Project Stakeholder Engagement Plan - SEP)</p> <p>Information dissemination channels will be defined for the identified stakeholders and provide sub-project-related information.</p> <p>Consultation channels of the mapped stakeholders will be defined and</p>	Before the commencement of works	Contractor and the Environmental and Social officer - NRC	<p>Availability of stakeholder mapping</p> <p>Number of project information dissemination events</p> <p>Number of consultations with identified stakeholders</p> <p>Number of consultations with identified members of vulnerable groups</p>	Monthly monitoring	Technical Expert(Env't) Country team and NRC	1000

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing/Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility *	
	consultations will be conducted with all stakeholders including on environmental and social risks and mitigation measures.						
Lack of a Grievance Redress Mechanism (GRM)	<p>Awareness of the Project GRM and its reporting channels will be raised.</p> <p>Additional reporting channels will be provided through complaint boxes installed at the sub-project site.</p> <p>The contact details of the SEA/SH Focal Point will be placed on notice boards in the project location.</p> <p>Complaints received through the complaint boxes at the site will be handled appropriately</p>	<p>Sub-Project Location/Throughout the operational period</p> <p>SEA/SH referral service mapping is to be conducted before the commencement of works</p> <p>Linkages to Project GRM established before the works</p>	Contractor-NRC/Gender focal point of the project	<p>Number of awareness sessions held</p> <p>Number of complaint boxes installed</p> <p>Number of SEA/SH Focal Points appointed</p> <p>A number of SEA/SH cases reported that receive referral services.</p> <p>Map of local SEA/SH service providers available</p>	<p>Monitoring method: Grievance Redress Mechanism, Complaint log and implementation</p> <p>Monitoring period: Monthly</p>	<p>E & S Officer NRC</p> <p>Gender focal point of the project</p> <p>Technical Expert (Envt)</p>	75

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing/Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility *	
	<p>or transferred to the Project GRM.</p> <p>Complaints will be received through a dedicated reporting line for SEA/SH, and focal points for SEA/SH will handle them with strict confidentiality and in a survivor-centered manner.</p> <p>A map of local SEA/SH service providers will be established and will ensure every case reported is provided with referrals, if the survivor wishes that.</p>						

*** Overall Monitoring and supervision of the implementation of ESMP will be done by the PIU and UNOPs team.**

4.2 Operational Stage

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing /Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility*	
Solid waste accumulation During sorting plastic and risk of public nuisance due to open burning	<p>A Waste Management Plan will be developed and implemented.</p> <p>Non-recyclable waste generated will be disposed of with the Local Authority.</p> <p>Segregated degradables will be composted.</p> <p>Open burning will be prevented.</p> <p>Surrounding areas will be cleaned daily to remove potential mosquito/vector/pest breeding sites.</p>	At the MRF Facility, daily	MRF Owner	<p>Inhouse Waste Management Plan</p> <p>Disposal and dispatching of records</p>	<p>Monthly monitoring</p> <p>One visit during the operational period</p>	<p>NRC- E and S Officer</p> <p>Technical Expert (Envnt) and NRC</p>	<p>50</p> <p>(Most measures are practical measures that do not require additional cost)</p>
Oil leakage from the baler machines can result in soil contamination in the surrounding area.	Baler machines will be placed on a concrete floor to prevent oil from seeping into the soil.	At MRF Facility Regularly	MRF Owner, Bailer Operator	<p>Maintenance record of bailer machines</p> <p>Training record for the Bailer operator</p>	Regular monitoring, site visits, and checking of records	<p>NRC- E and S Officer</p> <p>Technical Expert (Envnt) and NRC</p>	<p>Concreting cost included in the construction (5x5 ft cost 112)</p>

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing /Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility*	
	<p>Machines will be regularly maintained and inspected to prevent oil leakages.</p> <p>Training will be provided to operators to ensure they are equipped to handle and use the machines properly.</p>			Number of oil leakage reported			
Noise generation during the bailing process and public nuisance and health implications to workers	<p>Boundary limits of Noise will be maintained as per the National Standards (55dB (A))</p> <p>Appropriate PPEs will be provided for the workers</p> <p>A Grievance Redress Mechanism will be established including maintaining public complaint Box</p>	At the MRF Facility, daily, Machinery purchasing	MRF Owner	<p>% of workers using appropriate PPE</p> <p># of complaints filed by workers</p> <p>Noise level at the boundaries</p>	Monthly Monitoring	NRC- M& S Officer	50

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing /Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility*	
	Machines with lower noise levels will be selected, and timely maintenance will be carried out to ensure reduced noise pollution.						
During the rainy season, water may seep through the net walls, creating a wet environment inside the facility, which can result in a non-conductive working environment for the employees.	The open net will be properly covered during the rain.	At the MRF Facility, During rainy hours	MRF Owner	# of complaints filed by workers	Monthly Monitoring	NRC- E and S Officer Technical Expert (Envt) and NRC	25
OHS risks for workers during operation	Separate sanitary facilities will be provided for male and female workers with access to safe drinking water, and a clean dining area Training on safety and proper use of personal	At the MRF Facility, daily	MRF Owner	Availability of adequate sanitary facilities, % of workers that wear appropriate PPE	Regular Monitoring Site visits and checking records visit during the operational	NRC- E and S Officer Technical Expert (Envt)	400

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing /Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility*	
	<p>protective equipment (PPE) and daily safety briefings will be conducted.</p> <p>A First aid box will be provided with access.</p> <p>Fire extinguisher will be installed</p> <p>An Emergency Preparedness Plan will be developed and implemented, with awareness training on responding effectively to emergencies.</p> <p>An accident registry will be maintained.</p> <p>Regular medical checkups will be conducted for workers.</p> <p>The Instruction Board will be displayed, featuring important</p>			<p>Availability of valid Fire extinguishers,</p> <p>Availability of First Aid box</p> <p>Accident records and follow-up actions are available.</p> <p>Availability of Emergency Preparedness plan</p> <p># of awareness sessions on plan</p> <p>Daily checking records</p> <p>Medical check-ups records</p>	period and weekly meetings		

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing /Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility*	
	<p>instructions for all workers.</p> <p>Domestic wastewater will be directed to a septic tank (No.5 of ER)</p>						
<p>Risks of Sexual exploitation and abuse (SEA) and sexual harassment (SH) among workers and between workers and community members around the facility</p>	<p>A Workers' Grievance Redress Mechanism (GRM) will be established to address and resolve workers' complaints and grievances in a timely and transparent manner.</p> <p>A dedicated SEA/SH (Sexual Exploitation and Abuse/Sexual Harassment) reporting line will be established to ensure that individuals can report incidents of SEA/SH safely and confidentially.</p> <p>The PSEA Focal Point will be appointed at the project level (Assistant Manager and Field Officer, both fluent in</p>	<p>At the MRF Facility, Throughout the operation</p>	<p>Contractor and the Environmental and Social officer</p> <p>Gender focal point of the project</p>	<p>Availability of workers' GRM and SEA/SH Focal Points</p> <p>Availability of reporting system</p> <p>Availability of a list of GBV service providers</p> <p>Number of SEA/SH awareness sessions done for a) workers, b) surrounding communities</p> <p>Availability of CoC</p> <p>Percentage of workers that have signed the CoC</p>	<p>Site visits and checking records</p> <p>One visit during the operational period</p>	<p>NRC- E and S Officer</p> <p>Gender focal point of the project</p> <p>Technical Expert (Env't) and NRC</p>	150

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing /Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility*	
	<p>Sinhala and Tamil). The reporting line will be managed by NRC. An anonymous reporting system will be provided, along with protection measures for individuals who report SEA/SH cases, ensuring their safety and confidentiality.</p> <p>Referrals will be made to SEA/SH service providers as needed, ensuring timely and appropriate support.</p> <p>Training will be provided for both workers and communities on how to recognize, prevent, and respond to incidents and reporting of Sexual Exploitation and Abuse (SEA) and Sexual Harassment (SH).</p>						

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing /Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility*	
	<p>A Code of Conduct for workers at the facility will be implemented including reference to SEA/SH.</p> <p>Workers at the facility will be required to sign a Code of Conduct (CoC).</p>						
Potential for social issues related to labor influx	<p>Worker grievance meetings will be conducted.</p> <p>Training will be provided to raise awareness on communicable diseases and gender-based violence.</p>	At the MRF Facility, daily	Contractor and the Environmental and Social officer	Availability of meeting and training records	Regular monitoring, site visits, and checking of records	Gender specialist - NRC	

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing /Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility*	
Non-compliance with the local regulatory requirements and workers' dissatisfaction due to extensive work requirements	<p>An LMP will be developed and implemented in line with PLEASE Project LMP and national labor laws.</p> <p>A workers' GRM will be established.</p> <p>Wages will be paid following prevailing national laws.</p>	At the MRF Facility, daily	Facility Manager and HR Officer	Number of workers' grievances filed Payrolls	Monthly Monitoring	Technical Expert(Env't) Country team and NRC	Staff time 1550
Risk of child labor at the facility	<p>Recruitment will be conducted in accordance with the minimum age requirements of national laws and the age of workers will be documented upon hiring.</p> <p>The age of workers will be verified with National Identity cards/Birth certificates and communities where required.</p>	At the MRF Facility, daily	Operation Manager-MRF	Number of workers' grievances filed	Monthly monitoring	<p>NRC- E and S Officer</p> <p>Technical Expert (Env't) and NRC</p>	

Anticipated E&S Risks & Impacts	Risk Mitigation & Management Measures	Impact Mitigation		Impact/Mitigation Monitoring			Mitigation & Monitoring Cost USD
		Location/Timing /Frequency	Responsibility	Parameter to be monitored	Methodology, including Location & Frequency	Responsibility*	
Risk of forced labor	Provide workers' GRM and access to Project GRM. Awareness will be raised within communities regarding the dangers and implications of forced labor.	Throughout operation	Operation Manager-NRC	Number of grievances filed in workers' GRM	Monthly monitoring	NRC- E and S Officer Technical Expert (Envt) and NRC	
Gender discrimination in job opportunity and wage	Non-discriminating guidelines will be introduced for the recruitment process and operations affecting all levels of workers. Equal wages will be ensured for all male and female workers.	Throughout operation	Operation Manager-NRC	Availability of HR Policy Grievance Redress Mechanism	Monthly monitoring	NRC- E and S Officer Technical Expert (Envt) and NRC	

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5. Capacity Development & Training

Requirements of capacity building, training, or new staffing that may be necessary for effective implementation.

01. Community Awareness of Plastic management and collection

Capacity Building and Training During the Construction Phase-

01. Toolbox talks to the workers of the facility

02. Networking the collectors with MRF and public relations activities

03. Training the contractors and the supervisor staff on OHS, SEA/SH, PSEA, COC

Capacity Building and Training During the Operational Phase

01. Training on safeguards, first aid, emergency preparedness, and fire drills for MRF owners and staff.

02. Provide training on recognizing, preventing, and responding to SEA and SH for both MRF owners and staff.

03. Provide awareness on recognizing, preventing, and responding to SEA and SH, including reporting for workers, collectors, and community members who reach the MRF and surrounding areas.

04. Consultation and awareness on Gender-Based Violence (GBV) for both Community and workers

05. Training on Machine operations and operational procedures of sorting, housekeeping, environmental protection, and waste management for MRF owner and staff

06. Awareness of communicable diseases for communities and workers including MRF owners

6. Implementation Schedule and Cost Estimates

[illegible]

of the Gender Action Plan (GAP)												
ESMP Monitoring												Staff cost

7. Attachments

- [01. MRF Jaffna Chunnakam _Survey Plan.pdf](#)
- [02. MRF Jaffna Chunnakam Deed.pdf](#)
- [03. MRF Jaffna Chunnakam CEA clearance .pdf](#)
- [04. MRF Jaffna Chunnakam Agreement .pdf](#)
- [05. MRF Jaffna _Stakeholder Consultation Report](#)
- [06. Building Approval](#)

Grievance Redress Mechanism

The Project will be subject to the Grievance Redress Mechanism implemented by SACEP, as laid out in the Project ESMF (Section 8.2). The implementing partners will actively promote SACEP's GRM at the project site.

[07. Grievance Redress Mechanism](#)

Labor Management Procedures

The Project will comply with the Labor Management Procedures prepared for the SACEP PLEASE Project (27 October 2020)¹.

[08. MRF Labour Management Procedure](#)

IV. Review & Approval

 <p>Prepared By:(Signature)</p> <p>Position: Date: 01 .01.2025</p>	
<p>Reviewed By:</p> <div style="text-align: center;">  </div> <p>Sarojinie Jayasekara</p> <p>Position: Technical expert - Environment of the Country Team</p> <p>Date 01 .01.2025</p>	<p>Approved By</p> <div style="text-align: center;">  </div> <p>Position: Environment and Social Development Specialist. SACEP</p> <p>Date: 21.01.2025</p>

¹ SACEP Plastic Free Rivers and Seas for South Asia, Labor Management Procedures, 27 October, 2020, accessed at:
<https://documents1.worldbank.org/curated/en/938031603827809604/text/Labor-Management-Procedures-Plastic-free-Rivers-and-Seas-for-South-Asia-P171269.txt>