Social and Environmental Screening Template (2021 SESP Template, Version 1)

The completed template, which constitutes the Social and Environmental Screening Report, must be included as an annex to the Project Document at the design stage. Note: this template will be converted into an online tool. The online version will guide users through the process and will embed relevant guidance.

Project Information

Pro	oject Information	
1.	Project Title	Integrated Island Waste Management in Malaysia
2.	Project Number (i.e. Atlas project ID, PIMS+)	00136286
3.	Location (Global/Region/Country)	Malaysia
4.	Project stage (Design or Implementation)	Design
5.	Date	27 September 2021

Part A. Integrating Programming Principles to Strengthen Social and Environmental Sustainability

QUESTION 1: How Does the Project Integrate the Programming Principles in Order to Strengthen Social and Environmental Sustainability?

Briefly describe in the space below how the project mainstreams the human rights-based approach

The application of a Human Rights based approach to waste management including solid waste and waste-water is central to the very objective of the project which is focused to ensure sustainable and integrated waste management solutions for islands in Malaysia towards environmental preservation and improved community livelihoods.

To ensure that the project targets appropriate beneficiaries within the specified islands, it will facilitate dialogue with target communities, identify areas where their rights are threatened (if any), and respect existing legislation related to socio-cultural rights, and support and monitor adherence to that legislation. For example, when assessing and conducting baseline study on current waste management practices, project partner will conduct consultations to obtain inputs from local stakeholders, including local and customary communities, to ensure that the proposed waste management pilot does not violate the rights and livelihood of local communities.

Within the specific approaches of the project, the principles of human rights are also fully integrated including through:

- Supporting meaningful stakeholder participation and inclusion (including local communities, marginalized/vulnerable groups, women, migrants, disabled persons, and youth) in the implementation of the project activities. Multi-stakeholder dialogue and participation is a prerequisite throughout the project. Some of the following activities mention this process as part of:
 - Engagement of local communities (including vulnerable/marginalized groups and women) as part of environmental management and governance activities is also provided.
 - Consultations occur at state and district levels through regular meetings, involving the relevant sector agencies (government institutions), private sector and civil society.

Briefly describe in the space below how the project is likely to improve gender equality and women's empowerment

The project is tagged as GEN2 and will incorporate gender transformative actions in accordance with UNDP policy and procedure. A gender analysis will be conducted to identify and assess the differences, needs, roles and priorities of women and men within the project's scope. A Gender Action Plan (at the on-set of implementation) will be developed and incorporated into Strategic Results Framework to ensure that project interventions are gender responsive, improve gender

equality and promote women's empowerment. Throughout the project lifetime, consultations with local communities in the target islands will continue, ensuring that project interventions are gender-responsive, that they improve gender equality and make positive contributions to women's empowerment. Under all components, participation of women on an equal footing will be promoted in terms of both numbers involved and degree of participation in decision-making. Equal participation of men and women in decision-making forums and in capacity building activities will be encouraged.

Briefly describe in the space below how the project mainstreams sustainability and resilience

The objective of this project is to develop and implement sustainable and integrated waste management solutions for islands in Malaysia towards environmental preservation and improved community livelihoods, and aims to achieve this by:

- Implementing pilot demonstrations of integrated waste management systems for Pulau Redang, Pulau Perhentian and Pulau Besar, to assess and enhance existing waste management practices and provide a reference model for potential replicability on other islands within Malaysia; and
- Building capacity for local communities and service providers within Pulau Redang, Pulau Perhentian and Pulau Besar on responsible waste management and tourism practices, to ensure sustainability of the pilot demonstrations and to increase the level of environmental awareness within communities.

Through this, responsible consumption practices and greater stewardship of the natural environment are expected to be promoted among local communities, industry stakeholders and government agencies.

Briefly describe in the space below how the project strengthens accountability to stakeholders

The project strengthens accountability to stakeholders through capacity building activities such as training sessions and workshops on sustainable waste management for tourism industry service providers and local communities (will be provided to local authorities), ensuring access to information to school students via PEDAS environmental education programme. In addition, the project is governed by a steering committee (through establishment of Stakeholder Response Mechanism) which provides an avenue/platform for any affected communities to raise concerns/grievances if any of the activities may adversely impact them to ensure the sustainability of the project.

Part B. Identifying and Managing Social and Environmental <u>Risks</u>

QUESTION 2: What are the Potential Social and Environmental Risks? Note: Complete SESP Attachment 1 before responding to Question 2.	potential soc	ial and environm d to Questions 4	el of significance of the nental risks? and 5below before proceeding	QUESTION 6: Describe the assessment and management measures for each risk rated Moderate, Substantial or High
Risk Description (broken down by event, cause, impact)	Impact and Likelihood (1-5)	Significance (Low, Moderate Substantial, High)	Comments (optional)	Description of assessment and management measures for risks rated as Moderate, Substantial or High
Risk 1: Activities will be conducted within marine protected areas which are environmentally sensitive and may impact the ecosystems.	l = 2 L = 5	Moderate	As part of marine health monitoring ecosystems assessment, marine life baseline study will be conducted within marine protected areas surrounding the targeted islands	Marine baseline studies will be conducted in accordance with international marine survey and monitoring guidelines to minimize adverse impacts on coral reef and other marine life.

light construction activity (building of a basic structure/shed as a central waste facility and/or storage area); therefore, there is a risk of air, noise and water runoff pollution, as well as an influx of a small group of workers.	I = 2 L = 2 QUESTION 4:	Low What is the o	verall project risk categoriz	ation	ensu prov cond to ov the d	DP's standard procurement process ware the quality and reliability of the second reliability of	elected service essment will be their capacity
				1	1		
			Low Risk				A Louis The
			Moderate Risk	x	ider asse impl follo (i) g	overall risk-rating for the project is 'I ntified risks will be revised based on f essment and information during the p lementation. To meet the SES requir wing has been planned and will be c ender analysis and Gender Action P te management assessment and man.	urther project ements the commissioned: lan and (ii)
			Substantial Risk		[.		
			High Risk				
			e identified risks and risk c (check a oderate, Substantial and High	all that	t appl		are triggered?
	Question only		(check a	all that	t appl	ע)	are triggered? Status? (completed, planned)
	Question only	required for Mc	(check a	all that Risk p	t appl	y) tts Targeted assessment(s)- Gender analysis, waste water and food management assessment and marine health ecosystem	Status? (completed,
	Question only	required for Mc	(check a oderate, Substantial and High <u>heck if "yes")</u>	all that Risk p	t appl	y) Targeted assessment(s)- Gender analysis, waste water and food management assessment and marine health ecosystem assessment ESIA (Environmental and Social Impact Assessment)	Status? (completed, planned)
	Question only	required for Mc	(check a oderate, Substantial and High <u>heck if "yes")</u>	all that Risk p	rojec X	y) Targeted assessment(s)- Gender analysis, waste water and food management assessment and marine health ecosystem assessment ESIA (Environmental and Social	Status? (completed, planned)
	Question only	required for Mo at required? (c. if yes, ind	(check a oderate, Substantial and High <u>heck if "yes")</u> icate overall type and status uired? (check if "yes)	all that Risk p	x appl	y) tts Targeted assessment(s)- Gender analysis, waste water and food management assessment and marine health ecosystem assessment ESIA (Environmental and Social Impact Assessment) SESA (Strategic Environmental and Social Assessment)	Status? (completed, planned) Planned
	Question only	required for Mo at required? (c. if yes, ind	(check a oderate, Substantial and High <u>heck if "yes")</u> licate overall type and status		rojec x	y) tts Targeted assessment(s)- Gender analysis, waste water and food management assessment and marine health ecosystem assessment ESIA (Environmental and Social Impact Assessment) SESA (Strategic Environmental	Status? (completed, planned)

		ESMF (Environmental and Social Management Framework)
Based on identified <u>risks</u> , which Principles/Project- level Standards triggered?		Comments (not required)
Overarching Principle: Leave No One Behind		
Human Rights	Х	
Gender Equality and Women's Empowerment		
Accountability		
1. Biodiversity Conservation and Sustainable Natural Resource Management	х	
2. Climate Change and Disaster Risks		
3. Community Health, Safety and Security	Х	
4. Cultural Heritage		
5. Displacement and Resettlement		
6. Indigenous Peoples		
7. Labour and Working Conditions		
8. Pollution Prevention and Resource Efficiency		

Final Sign Off Final Screening at the design-stage is not complete until the following signatures are included

Signature		Date	Description
QA Assessor GAN Pek Chuan	April.	28 Sep 2021	UNDP staff member responsible for the project, typically a UNDP Programme Officer. Final signature confirms they have "checked" to ensure that the SESP is adequately conducted.
QA Approver Manon BERNIER	Manon B	28 Sep 2021 UNUU	UNDP senior manager, typically the UNDP Deputy Country Director (DCD), Country Director (CD), Deputy Resident Representative (DRR), or Resident Representative (RR). The QA Approver cannot also be the QA Assessor. Final signature confirms they have "cleared" the SESP prior to submittal to the PAC.
PAC Chair (Not applicable)			UNDP chair of the PAC. In some cases PAC Chair may also be the QA Approver. Final signature confirms that the SESP was considered as part of the project appraisal and considered in recommendations of the PAC.

SESP Attachment 1. Social and Environmental Risk Screening Checklist

Chee	klist Potential Social and Environmental <u>Risks</u>	
Temp risk c	<u>RUCTIONS</u> : The risk screening checklist will assist in answering Questions 2-6 of the Screening late. Answers to the checklist questions help to (1) identify potential risks, (2) determine the overall ategorization of the project, and (3) determine required level of assessment and management ures. Refer to the <u>SES toolkit</u> for further guidance on addressing screening questions.	
Overa	rching Principle: Leave No One Behind	Answer (Yes/No)
Huma	n Rights	
P.1	Have local communities or individuals raised human rights concerns regarding the project (e.g. during the stakeholder engagement process, grievance processes, public statements)?	No
P.2	Is there a risk that duty-bearers (e.g. government agencies) do not have the capacity to meet their obligations in the project?	Yes
P.3	Is there a risk that rights-holders (e.g. project-affected persons) do not have the capacity to claim their rights?	No
Would	the project potentially involve or lead to:	
P.4	adverse impacts on enjoyment of the human rights (civil, political, economic, social or cultural) of the affected population and particularly of marginalized groups?	No
P.5	inequitable or discriminatory impacts on affected populations, particularly people living in poverty or marginalized or excluded individuals or groups, including persons with disabilities? ¹	No
P.6	restrictions in availability, quality of and/or access to resources or basic services, in particular to marginalized individuals or groups, including persons with disabilities?	No
P.7	exacerbation of conflicts among and/or the risk of violence to project-affected communities and individuals?	No
Gend	er Equality and Women's Empowerment	
P.8	Have women's groups/leaders raised gender equality concerns regarding the project, (e.g. during the stakeholder engagement process, grievance processes, public statements)?	No
Would	the project potentially involve or lead to:	
P.9	adverse impacts on gender equality and/or the situation of women and girls?	No
P.10	reproducing discriminations against women based on gender, especially regarding participation in design and implementation or access to opportunities and benefits?	No
P.11	limitations on women's ability to use, develop and protect natural resources, taking into account different roles and positions of women and men in accessing environmental goods and services? For example, activities that could lead to natural resources degradation or depletion in communities who depend on these resources for their livelihoods and well being	No
P.12	exacerbation of risks of gender-based violence?	No
	For example, through the influx of workers to a community, changes in community and household power dynamics, increased exposure to unsafe public places and/or transport, etc.	
	inability and Resilience: Screening questions regarding risks associated with sustainability and nce are encompassed by the Standard-specific questions below	

¹ Prohibited grounds of discrimination include race, ethnicity, sex, age, language, disability, sexual orientation, gender identity, religion, political or other opinion, national or social or geographical origin, property, birth or other status including as an indigenous person or as a member of a minority. References to "women and men" or similar is understood to include women and men, boys and girls, and other groups discriminated against based on their gender identities, such as transgender and transsexual people.

Acco	untability	
Would	d the project potentially involve or lead to:	
P.13	exclusion of any potentially affected stakeholders, in particular marginalized groups and excluded individuals (including persons with disabilities), from fully participating in decisions that may affect them?	No
P.14	grievances or objections from potentially affected stakeholders?	No
P.15	risks of retaliation or reprisals against stakeholders who express concerns or grievances, or who seek to participate in or to obtain information on the project?	No
Proje	ct-Level Standards	
Stand	lard 1: Biodiversity Conservation and Sustainable Natural Resource Management	
Would	d the project potentially involve or lead to:	
1.1	adverse impacts to habitats (e.g. modified, natural, and critical habitats) and/or ecosystems and ecosystem services? For example, through habitat loss, conversion or degradation, fragmentation, hydrological changes	No
1.2	activities within or adjacent to critical habitats and/or environmentally sensitive areas, including (but not limited to) legally protected areas (e.g. nature reserve, national park), areas proposed for protection, or recognized as such by authoritative sources and/or indigenous peoples or local communities?	Yes
1.3	changes to the use of lands and resources that may have adverse impacts on habitats, ecosystems, and/or livelihoods? (Note: if restrictions and/or limitations of access to lands would apply, refer to Standard 5)	No
1.4	risks to endangered species (e.g. reduction, encroachment on habitat)?	No
1.5	exacerbation of illegal wildlife trade?	No
1.6	introduction of invasive alien species?	No
1.7	adverse impacts on soils?	No
1.8	harvesting of natural forests, plantation development, or reforestation?	No
1.9	significant agricultural production?	No
1.10	animal husbandry or harvesting of fish populations or other aquatic species?	No
1.11	significant extraction, diversion or containment of surface or ground water? For example, construction of dams, reservoirs, river basin developments, groundwater extraction	No
1.12	handling or utilization of genetically modified organisms/living modified organisms?2	No
1.13	utilization of genetic resources? (e.g. collection and/or harvesting, commercial development) ³	No
1.14	adverse transboundary or global environmental concerns?	No
Stanc	lard 2: Climate Change and Disaster Risks	
Would	d the project potentially involve or lead to:	
2.1	areas subject to hazards such as earthquakes, floods, landslides, severe winds, storm surges, tsunami or volcanic eruptions?	No
2.2	outputs and outcomes sensitive or vulnerable to potential impacts of climate change or disasters?	No

 ² See the <u>Convention on Biological Diversity</u> and its <u>Cartagena Protocol on Biosafety</u>.
 ³ See the <u>Convention on Biological Diversity</u> and its <u>Nagoya Protocol</u> on access and benefit sharing from use of genetic resources.

	For example, through increased precipitation, drought, temperature, salinity, extreme events, earthquakes	
2.3	increases in vulnerability to climate change impacts or disaster risks now or in the future (also known as maladaptive or negative coping practices)? For example, changes to land use planning may encourage further development of floodplains, potentially increasing the population's vulnerability to climate change, specifically flooding	No
2.4	increases of greenhouse gas emissions, black carbon emissions or other drivers of climate change?	No
Stan	dard 3: Community Health, Safety and Security	
Woul	d the project potentially involve or lead to:	
3.1	construction and/or infrastructure development (e.g. roads, buildings, dams)? (Note: the GEF does not finance projects that would involve the construction or rehabilitation of large or complex dams)	Yes
3.2	air pollution, noise, vibration, traffic, injuries, physical hazards, poor surface water quality due to runoff, erosion, sanitation?	Yes
3.3	harm or losses due to failure of structural elements of the project (e.g. collapse of buildings or infrastructure)?	No
3.4	risks of water-borne or other vector-borne diseases (e.g. temporary breeding habitats), communicable and noncommunicable diseases, nutritional disorders, mental health?	No
3.5	transport, storage, and use and/or disposal of hazardous or dangerous materials (e.g. explosives, fuel and other chemicals during construction and operation)?	No
3.6	adverse impacts on ecosystems and ecosystem services relevant to communities' health (e.g. food, surface water purification, natural buffers from flooding)?	No
3.7	influx of project workers to project areas?	Yes
3.8	engagement of security personnel to protect facilities and property or to support project activities?	No
Stan	dard 4: Cultural Heritage	
Woul	d the project potentially involve or lead to:	
4.1	activities adjacent to or within a Cultural Heritage site?	No
4.2	significant excavations, demolitions, movement of earth, flooding or other environmental changes?	No
4.3	adverse impacts to sites, structures, or objects with historical, cultural, artistic, traditional or religious values or intangible forms of culture (e.g. knowledge, innovations, practices)? (Note: projects intended to protect and conserve Cultural Heritage may also have inadvertent adverse impacts)	No
4.4	alterations to landscapes and natural features with cultural significance?	No
4.5	utilization of tangible and/or intangible forms (e.g. practices, traditional knowledge) of Cultural Heritage for commercial or other purposes?	No
Stan	dard 5: Displacement and Resettlement	
Woul	d the project potentially involve or lead to:	
5.1	temporary or permanent and full or partial physical displacement (including people without legally recognizable claims to land)?	No
5.2	economic displacement (e.g. loss of assets or access to resources due to land acquisition or access restrictions – even in the absence of physical relocation)?	No
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5.3	risk of forced evictions?4	No
5.4	impacts on or changes to land tenure arrangements and/or community based property rights/customary rights to land, territories and/or resources?	No
Stand	lard 6: Indigenous Peoples	
Would	d the project potentially involve or lead to:	
6.1	areas where indigenous peoples are present (including project area of influence)?	No
6.2	activities located on lands and territories claimed by indigenous peoples?	No
6.3	impacts (positive or negative) to the human rights, lands, natural resources, territories, and traditional livelihoods of indigenous peoples (regardless of whether indigenous peoples possess the legal titles to such areas, whether the project is located within or outside of the lands and territories inhabited by the affected peoples, or whether the indigenous peoples are recognized as indigenous peoples by the country in question)?	No
	If the answer to screening question 6.3 is "yes", then the potential risk impacts are considered significant and the project would be categorized as either Substantial Risk or High Risk	
6.4	the absence of culturally appropriate consultations carried out with the objective of achieving FPIC on matters that may affect the rights and interests, lands, resources, territories and traditional livelihoods of the indigenous peoples concerned?	No
6.5	the utilization and/or commercial development of natural resources on lands and territories claimed by indigenous peoples?	No
6.6	forced eviction or the whole or partial physical or economic displacement of indigenous peoples, including through access restrictions to lands, territories, and resources? Consider, and where appropriate ensure, consistency with the answers under Standard 5 above	No
6.7	adverse impacts on the development priorities of indigenous peoples as defined by them?	No
6.8	risks to the physical and cultural survival of indigenous peoples?	No
6.9	impacts on the Cultural Heritage of indigenous peoples, including through the commercialization or use of their traditional knowledge and practices?	No
	Consider, and where appropriate ensure, consistency with the answers under Standard 4 above.	
Stand	lard 7: Labour and Working Conditions	
Would	d the project potentially involve or lead to: (note: applies to project and contractor workers)	
7.1	working conditions that do not meet national labour laws and international commitments?	No
7.2	working conditions that may deny freedom of association and collective bargaining?	No
7.3	use of child labour?	No
7.4	use of forced labour?	No
7.5	discriminatory working conditions and/or lack of equal opportunity?	No
7.6	occupational health and safety risks due to physical, chemical, biological and psychosocial hazards (including violence and harassment) throughout the project life-cycle?	No
Stand	lard 8: Pollution Prevention and Resource Efficiency	
Would	d the project potentially involve or lead to:	

⁴ Forced eviction is defined here as the permanent or temporary removal against their will of individuals, families or communities from the homes and/or land which they occupy, without the provision of, and access to, appropriate forms of legal or other protection. Forced evictions constitute gross violations of a range of internationally recognized human rights.

8.1	the release of pollutants to the environment due to routine or non-routine circumstances with the potential for adverse local, regional, and/or transboundary impacts?	No
8.2	the generation of waste (both hazardous and non-hazardous)?	No
8.3	the manufacture, trade, release, and/or use of hazardous materials and/or chemicals?	No
8.4	the use of chemicals or materials subject to international bans or phase-outs? For example, DDT, PCBs and other chemicals listed in international conventions such as the <u>Montreal Protocol</u> , <u>Minamata Convention</u> , <u>Basel Convention</u> , <u>Rotterdam Convention</u> , <u>Stockholm</u> <u>Convention</u>	No
8.5	the application of pesticides that may have a negative effect on the environment or human health?	No
8.6	significant consumption of raw materials, energy, and/or water?	No