



COUNTRY PROGRAMME ACTION PLAN 2016-2021
ANNUAL PROGRESS REPORT 2021



SECTION A: Project Information

1 Project Profile

Project Title:	Integrated Island Waste Management in Malaysia
Project ID:	00127243
Award ID:	00136286

Project Description (500 Characters maximum) (Give an overview on project objective and key focus for this year. Highlight issues that has affected project implementation at the end-year point and the expectations for the next year. A brief explanation on project - exceed target, on target or below target)

The project is funded by the Ministry of Finance under Malaysia's Budget 2021 in an effort to improve waste management practices towards environmental preservation and protection of biodiversity such as coral reefs and marine life, where Pulau Redang, Pulau Perhentian (Terengganu) and Pulau Besar (Johor) have been selected as pilot project sites.

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 of local communities and service providers within Pulau Redang, Pulau Perhentian and Pulau Besar on responsible waste management and tourism practices, to ensure sustenance of the pilot projects and to increase the level of environmental awareness within communities.

The project is implemented in collaboration with the Terengganu State Government (for Pulau Redang and Pulau Perhentian) and local NGO – Persatuan Pemuliharaan Alam Sekitar Pulau Tengah (TIC) (for Pulau Besar, Johor).

Due to the various Movement Control Order (MC)s imposed by Government of Malaysia, the project's implementation faced an initial delay compounded by the North-east monsoon season (usually starts in October and lasts until March of every year). Despite all the challenges, activities such as stakeholder engagement, site visits, recruitment of project staff and procurement of equipment have been completed and are on track in accordance with the Project Initiation Plan.

UNDP Malaysia CPAP Outcome:	Sustainable & Resilient Development		
Eleventh Malaysia Plan Strategic Thrust:	Pursuing green growth for sustainability and resilience		
Gender Marker Rating:	GEN 2	Implementing Agency:	United Nations Development Programme
Name of Contact Person (Government & NGO):	Terengganu: Tuan Haji Yusaini Amir bin Mohamad Nor (SUK) Johor: Chua Cher Mei (TIC)	Tel No & E-mail Add:	SUK: kpsukt@terengganu.gov.my TIC: cher@tengahislandconservation.org
Name of Focal Person (UNDP):	Gan Pek Chuan (Interim Head, Sustainable & Resilient Development)	Tel No & E-mail Add:	pek.chuan.gan@undp.org
Implementation Period:	2021-2022	Start & End of Project (Month & Year):	1 Sep 2021 - 31 Dec 2022
Project Extension Period (if any):	N/A		

2 Financial Information

Total Project Cost	GCS	UNDP - TRAC	Others	
USD 2,407,897.94			Budget 2021 via MOF	*GCS - Government Cost Sharing **TRAC - Target Resource Assignment from the Core

See Annex 1 Project Expenditure Report				
Source	Budget	Expenditure	GMS (6%)	Ratio (%)
GCS				
UNDP-TRAC				
Others				

***GMS - General Management Support

3 Project Management

National Steering Committee (NSC): (minutes attached)	<input checked="" type="checkbox"/>	NSC Chair & Designation:	Manon Bernier, Deputy Resident Representative of Malaysia, Singapore and Brunei Darussalam
HACT Audit (report attached):	<input checked="" type="checkbox"/>	Combined Delivery Report as of 9	<input type="checkbox"/>

Rating	Satisfactory	Nov 2021 (attachment):	<input checked="" type="checkbox"/>
Project independent review/ evaluation (checked if undertaken in 2021) (report attached)	<input type="checkbox"/> <input type="checkbox"/>	For GEF Project, Progress Implementation Report (PIR) report	<input type="checkbox"/>
Rating:		Rating:	

4 Risk Management

Risk Log (in Atlas) reviewed/updated:	<input checked="" type="checkbox"/>	Last Update (Date):	Sep-21
Medium-level Risk Identified:			<input checked="" type="checkbox"/>
Description of Risk	Treatment Plan		Status
Lockdown or travel restriction due to potential COVID worsening trends in Malaysia could affect the ability of project partners to meet the project timeline.	Each agreement with responsible partners will include a contingency plan for adjusting to possible suspension or delays as a result of a public health or similar crisis. Agreements will have a force majeure clause to cover possible delays or shortcomings in delivery based on such unforeseen circumstances. The project is designed around integrated waste management systems with participatory and multi-stakeholder approach, in full compliance of any SOPs for public health, ensuring the risks imposed by COVID are minimal.		Ongoing
Local communities and tour operators / service providers may be resistant to changing their waste management practices, not seeing the value in engaging with the approaches and technology promoted by the project.	<p>1. Through participatory, multi-stakeholder approaches, the project will implement a range of mechanisms to generate local communities and operators' interest and awareness. The project design is predicated on strengthening the enabling environment for achieving integrated island waste management practices across the target islands. For the community level activities, district forums are planned with equitable stakeholder representation, including local communities.</p> <p>2. The project will adopt a multi-pronged approach to ensure that local communities and operators' awareness and understanding are built and enhanced to motivate adoption; that they have the capacities required for sustained adoption; and that there are governance conditions that will bring social and institutional pressures on them to adopt and sustain. Moreover, the project strategy focuses on improving livelihood resilience. This will be facilitated through participatory approaches that encourage co-identification and co-formulation of waste management practices where local communities and operators analyse the situations and come up with the solutions themselves.</p>		Ongoing
Project activities will be conducted within marine protected areas which are environmentally sensitive and may impact the ecosystems.	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.		Ongoing
High-level Risk Identified:			<input checked="" type="checkbox"/>
Description of Risk	Treatment Plan		Status
The severity and intensity of Northeast monsoon in October to March could be exacerbated by climate change.	Adjust the project timeline in the detailed project implementation/work plan to allow baseline assessment and initial procurement to be conducted prior to the execution of project activities that will be affected by monsoon season such as construction and installation to be carried out after monsoon.		Ongoing
If local governments are not adequately engaged, then it could be difficult to achieve the objectives that stem from the installed waste management systems.	State and local government departments and agencies were consulted prior to the Initiation Plan phase, and the project strategy was developed to complement existing structures and procedures.		Ongoing
HACT micro assessment on local NGO in Mersing Islands indicates a potential risk in their capacity to manage high value procurement of goods and services as their highest procurement managed in the 2019 – 2020 is not more than MYR 5,000 (~USD 1,250).	Two responsible party agreements with Tengah Island Conservation will be signed for phase 1 baseline assessment and phase 2 waste management system implementation to address this risk and all high value procurement of equipment will be carried out by UNDP directory. Agreements will have a force majeure clause to cover possible delays or shortcomings in delivery based on such unforeseen circumstances and refund clause in the event of failure in completing deliverables or incur of expenses in violation of the agreed work plan.		Ongoing

5 Project Meetings (PMU/NSC/TWC meeting minutes to be attached)

Date	PMU/TWC/NSC	Key Decisions/Summary
28-Sep-21	PSC meeting	The Initiation Plan and TOR of the PSC are endorsed with no objection.

SECTION B: Project Progress and Status**Annual Progress Report Narrative**

Output 1:	Pilot demonstration of an integrated waste management system for Pulau Redang and Pulau Perhentian in Terengganu implemented	Status	If below target or N/A, state the reason
Activity 1.1	Conduct a baseline assessment of current waste management practices and analysis of waste generation for Pulau Redang and Pulau Perhentian.	BT	SUK Terengganu has engaged University Terengganu Malaysia as the research partner to conduct the baseline assessment for selected islands. Currently, pending SUK to submit final proposal to finalize the Letter of Agreement between SUK and UNDP, and to kick start the activities before mid of Dec 2021.
Activity 1.2	Implement an effective waste management system for Pulau Redang and Perhentian through the application of suitable technology, infrastructure and methodologies.	BT	Currently, SUK is finalizing the proposal pending resolution of technical issues with local councils in order to finalize the Letter of Agreement between SUK and UNDP, and to kick start the activities before mid of Dec 2021.

ET - exceed target; OT - on target; BT - below target; N/A - Not applicable (To be filled in the status column)

Narrative for Outcome 1: Elaborate key results, issues and challenges

To facilitate the finalization of proposal for Terengganu islands by SUK Terengganu, UNDP project team conducted a site visit to Pulau Redang and Pulau Perhentian on 10 - 11 October 2021, providing technical and programmatic advices to SUK and its local partners. On top of periodic virtual and physical meetings with SUK, finance team, local councils (Besut and Kuala Terengganu). In addition, UNDP project team had a discussion with SUK's local partner, Universiti Malaysia Terengganu (UMT), on the design of the baseline study as well as community engagement/capacity building programme.

SUK Terengganu is expected to submit the final proposal by week of 15 November 2021 and subsequently a Letter of Agreement (LOA) will be signed. While project activities are expected to be carried out according to the agreed plan, moonson season remains a high risk to the project implementation and that close monitoring and communication will be in place to ensure the project achieved desired results.

Output 2:	Pilot demonstration of an integrated waste management system for Pulau Besar in Johor implemented	Status	If below target or N/A, state the reason
Activity 2.1	Conduct a baseline assessment of current waste management practices and analysis of waste generation for Pulau Besar.	OT	
Activity 2.2	Implement an effective waste management system for Pulau Besar through the application of suitable technology, infra-structure and methodologies	OT	

ET - exceed target; OT - on target; BT - below target; N/A - Not applicable (To be filled in the status column)

Narrative for Outcome 1: Elaborate key results, issues and challenges

A Responsible Party Agreement was signed between UNDP and TIC on 8 October 2021, an environmental NGO engaged by UNDP for the project implementation on Pulau Besar. The first disbursement has been processed and the supporting documents for second disbursement, including a progress report on baseline study and pilot waste management system, are expected to be submitted and processed by mid of November.

On top of the ground work being conducted by TIC, such as recruitment of project staff, stakeholder engagement with Mersing local government and a HACT Micro Assessment on TIC was completed in October. The result indicates a potential risk in TIC capacity to manage high value procurement of goods and services as their highest procurement managed in the 2019 – 2020 is not more than MYR 5,000 (~USD 1,250). To address the identified risk, all high value equipment will be procured by UNDP.

UNDP has since initiated the procurement of two large food waste composter and recruitment of a team of technical experts to conduct a wastewater systems feasibility assessment. The result of the assessment will advise the procurement and installation of a wastewater management system on Pulau Besar in 2022.

Output 3:	Capacity of local communities and service providers in responsible waste management and tourism practices enhanced	Status	If below target or N/A, state the reason
Activity 3.1	Develop and conduct upskilling programmes on waste management, and sustainable and community-led tourism practices for local communities and service providers on Pulau Redang & Pulau Perhentian.	BT	SUK Terengganu has engaged University Terengganu Malaysia to manage the upskilling programmes on selected islands. Currently, pending SUK to submit final proposal to finalize the Letter of Agreement between SUK and UNDP, and to kick start the activities before mid of Dec 2021.
Activity 3.2	Develop and conduct upskilling programmes on waste management, and sustainable and community-led tourism practices for local communities and service providers on Pulau Besar.	OT	
Activity 3.3	Conduct gender analysis and develop gender action plan.	OT	
Activity 3.4	Produce knowledge products and communication materials, conduct awareness and outreach workshops/events	N/A	Activity planned for 2022
Activity 3.5	Conduct quarterly technical and media visits to Pulau Besar, Pulau Perhentian and Pulau Redang	OT	
Activity 3.6	Design and publish knowledge products and communications materials	N/A	Activity planned for 2022
Activity 3.7	Conduct knowledge exchange and learning sessions 1x per 4 months = 3x	N/A	Activity planned for 2022

ET - exceed target; OT - on target; BT - below target; N/A - Not applicable (To be filled in the status column)

Narrative for Outcome 3: *Elaborate key results, issues and challenges*

A technical site visit to Pulau Perhentian and Pulau Redang was conducted in October 2021 where UNDP project team provided technical and programmatic advices to SUK and its relevant partners and stakeholders. However, due to the start of monsoon season, only preparatory work has been conducted while actual implementation for advocacy and upskilling programmes in Redang, Perhentian and Besar islands will be postponed to 2022. For example, in Pulau Besar, several engagement sessions had been conducted with the local communities (community leaders and district officer).

**PLEASE ADD TABLE ON OUTCOME AND OUTPUT IF NECESSARY*

Key Achievements/Milestones: *List the key achievements/milestones. What are the best practices we can share from those achievements/milestones? e.g. what change the project has brought to the target group - promoting gender equality, innovation, skills development, engagement of a new strategy partner and create synergies which would not have been possible if not because of this project*

N/A

Overall Issues and Challenges: *Describe overall issues and the plan to address or manage these challenges?*

N/A

Gender results or highlight: *Describe overall effort and results in promoting gender equality in project outputs (GEN 1, GEN2 and GEN 3) ?*

The recruitment of a gender specialist to conduct gender analysis in the effort to assess potential gender-related impacts the project may have on local communities/stakeholders/beneficiaries has been initiated. Identified issues arising from the gender analysis will aim to be addressed in future interventions.

Corrective Actions Taken by Implementing Agency:

N/A

Additional Support Required by Implementing Agency:

N/A

Overall Lessons Learnt: *Reflection: In moving forward, what measures or steps can be undertaken? What lessons arising from this project that can be shared with colleagues in strengthening future project implementation?*

N/A



Annual Progress Report prepared by:

Name: Ange Tan Seok Ling and Tin Fong Yun

Designation: Environment Analyst and Programme Assistant

Date: 12 November 2021



Approved by (National Project Director/Designate)

Name: Gan Pek Chuan

Designation: Interim Head, Sustainable and Resilient Developme

Date: 12 Nov 2021