

## SBF Project Implementation Monitoring Report

### Maldives: Greater Malé Waste-to-Energy Project

#### 1. Project Information

Project ID:	000278	Investment Number:	L000278A
Member:	Maldives	Region:	Southern asia
Sector:	Environmental Management	Sub-sector:	
AIB Financing Type:	Loan: 40 USD million	Co-financier(s):	ADB
E&S category:	A	Borrower:	Republic of the Maldives
Red Flags Assigned:	0	Monitoring Regime:	Regular Monitoring
Implementing Agency:	Ministry of Environment and Energy		
Project Team Leader:	Toshiaki Keicho		
Project Team Members:	Irish Fe Aguilar, Social Development Specialist Zhixi Zhu, Environmental Specialist Jurminla Jurminla, Procurement Specialist Shonell Robinson, Financial Management Specialist Haiyan Wang, Sr. Finance Officer; Ankur Agrawal Jana Halida Uno, Sr. Operational Policy Specialist Antong Hu, Administrative Assistant		
Completed Site Visits by AIB:	None		
Planned Site Visits by AIB:	Virtual mission shall be planned in Q2 and site visit shall be planned depending on the COVID-19 situation and related travel restrictions.		

#### 2. Project Summary and Objectives

The main objective of the project is to establish a regional solid waste treatment system in the Greater Malé capital region. The project is designed to reduce disaster risk and improve climate change resilience while creating a cleaner environment and reducing greenhouse gas emissions. The project has two components: Component 1 - Establishment of climate resilient regional waste management facility, including construction of a 500-ton per day (tpd) Waste-to-Energy (WTE) plant with flue gas treatment, emissions monitoring, bottom ash processing plant, and ash disposal landfill with leachate treatment ponds and Component 2 - Institutional capacity building in sustainable waste management, environmental monitoring and public awareness.

The project will be implemented during the period October 2020 to September 30, 2026.

The Project cost is USD151.13 million which would be financed through AIB loan of USD40.00 million, ADB loan of USD38.21 million, ADB grant of USD35.18 million, Japan Fund for the Joint Crediting Mechanism (JFJCM) grant of USD10.00 million and counterpart funds (Government of Maldives) of USD27.74 million.

#### 3. Key Dates

Approval:	Sep. 10, 2020	Signing:	Sep. 29, 2020
Effective:	Dec. 11, 2020	Restructured (if any):	
Orig. Closing:	Mar. 31, 2027	Rev. Closing (if any):	

#### 4. Disbursement Summary (USD million)

a) Committed:	40	b) Cancellation (if any):	
c) Disbursed:	0	d) Most recent disbursement: (amount / date)	0,
e) Undisbursed:	40	f) Disbursement Ratio(%) <sup>1</sup> :	0

<sup>1</sup> Disbursement Ratio is defined as the volume (i.e. the dollar amount) of total disbursed amount as a percentage of the net committed volume, i.e.,  $f = c / (a - b)$

#### 5. Project Implementation Update

Bids for DBO contract under the project have been submitted and technical evaluation is underway, contract award is expected in Q1, 2021

Components	Physical Progress	Environmental & Social Compliance	Procurement
Component 1: Establishment of disaster and climate resilient regional waste management facility	N/A	N/A, no progress on project activities yet.	Procurement is on track
Component 2: Institutional capacity building in sustainable waste management, environmental monitoring and public awareness	N/A	N/A, no progress on project activities yet.	N/A

#### Financial Management:

The first unaudited interim financial report will become due within 45 days of the of the quarter in which the first disbursements occurs. Likewise, the first audit report will become due within 6 months of the financial year in which first disbursements occurs.

## 6. Status of the Grievance Redress Mechanism (GRM)

The Project GRM has three tiers – an individual or an interest group can contact DBO Contractor (1st tier), PMU/MOE (2nd tier), Judiciary (3rd tier). The affected persons can also direct contact (in writing) the ADB Project Officer at ADB headquarters. The complaint can be submitted in any of the official languages of ADB's Developing Member Countries. As the Project became effective recently on December 11, 2020, only PMU has been set up and able to receive grievances.

## 7. Results Monitoring

N/A

Baseline Year: Dec. 31, 2020 End Target Year: Mar. 31, 2027

Project Objective Indicators	Year	Target	Actual	Others, if any
Solid waste treated with residuals safely disposed or recycled (%)	Mar. 31, 2027	80	0	
Reduction in estimated annual GHG emissions (tons)	Mar. 31, 2027	28,000	0	
Electricity generated from WTE (MWh)	Mar. 31, 2027	8	0	

Intermediate Result Indicators	Year	Target	Actual	Others, if any
500 tpd WTE plant (with extended O&M contract) is constructed and operational	Mar. 31, 2027	Operational	Not Operational	
Landfill for safe disposal of WTE air pollution control residues and nonmarketable bottom ashes is constructed and operational.	Mar. 31, 2027	Operational	Not Operational	
Adoption of disaster and climate resilience measures in the design and construction phases of WTE.	Mar. 31, 2027	Operational	Not Operational	

#### Remarks: