



Maldives: Greater Male Waste to Energy Project (formerly Greater Male Environmental Improvement and Waste Management Project - Project 2)

Project Name	Greater Male Waste to Energy Project (formerly Greater Male Environmental Improvement and Waste Management Project - Project 2)		
Project Number	51077-003		
Country	Maldives		
Project Status	Proposed		
Project Type / Modality of Assistance	Grant Loan		
Source of Funding / Amount	Grant: Greater Male Environmental Improvement and Waste Management Project - Project 2		
	concessional ordinary capital resources lending / Asian Development Fund		US\$ 30.00 million
	Loan: Greater Male Environmental Improvement and Waste Management Project - Project 2		
	concessional ordinary capital resources lending / Asian Development Fund		US\$ 30.00 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth		
Drivers of Change	Partnerships		
Sector / Subsector	Water and other urban infrastructure and services - Urban policy, institutional and capacity development - Urban solid waste management		
Gender Equity and Mainstreaming	Some gender elements		
Description	The project will: (i) establish an integrated regional solid waste management system in Greater Male consisting of collection, transfer, treatment using advanced waste-to-energy (WTE) technology, disposal, recycling, and dumpsite closure and remediation; (ii) strengthen institutional capacities for solid waste services delivery and environmental monitoring, and improve public awareness in reduce-reuse-recycle (3R); and (iii) reduce greenhouse gas emissions, create a cleaner environment, and improve climate change resilience.		
Project Rationale and Linkage to Country/Regional Strategy	The Greater Mal capital region and its outer islands (classified as Zone 3 in the National Solid Waste Management Policy and the most populated in the country), suffers from severe environmental pollution and deteriorating livability due to inadequate collection and haphazard disposal of solid waste. Open dumping and burning of garbage at the 30-year-old 10-hectare dumpsite on Thilafushi Island (6 kilometers from Mal) creates a significant environmental and public health hazard. Plumes of smoke visible from the capital city Mal , the international airport, and surrounding resorts compromise air quality and pose a daily nuisance to residents and tourists, while toxic leachate contaminates soil and groundwater. Greater Mal and its 32 inhabited outer islands lack an organized and sustainable waste management system for the 774 tons of mixed solid waste generated per day (tpd). With rapid urbanization and tourism development in the region, waste generation is expected to grow to 924 tpd by 2022. This increasing pressure on an already stressed waste management system poses a significant threat to tourism and fisheries, both of which rely heavily on the country's pristine environment and are cornerstones to the Maldives economy. Poor communities in outer islands suffer from accumulated garbage with limited awareness and capacity to effectively manage solid waste.		
Impact	A healthy living environment created in Greater Mal region and its outer islands.		
Outcome	Climate- and disaster-resilient SWM services improved in Greater Mal region		
Outputs	Climate-resilient regional waste management facility developed Institutional capacity in sustainable solid waste treatment (WTE) strengthened, and community awareness in WTE and 3R improved		
Geographical Location	Maale		
Safeguard Categories			
Environment			A
Involuntary Resettlement			C
Indigenous Peoples			C
Summary of Environmental and Social Aspects			
Environmental Aspects			
Involuntary Resettlement			
Indigenous Peoples			
Stakeholder Communication, Participation, and Consultation			
During Project Design			
During Project Implementation			

Responsible ADB Officer	Luca Di Mario
Responsible ADB Department	South Asia Department
Responsible ADB Division	Urban Development and Water Division, SARD
Executing Agencies	Ministry of Finance (formerly Ministry of Finance and Treasury) Ameenee Magu, Block 379, Male', Republic of Maldives

Timetable	
Concept Clearance	15 Jul 2019
Fact Finding	20 Oct 2019 to 31 Oct 2019
MRM	11 Mar 2020
Approval	-
Last Review Mission	-
Last PDS Update	19 Jul 2019

Project Page	https://www.adb.org/projects/51077-003/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=51077-003
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