



Maldives: Preparing Outer Islands for Sustainable Energy Development

Project Name	Preparing Outer Islands for Sustainable Energy Development		
Project Number	46122-001		
Country / Economy	Maldives		
Project Status	Closed		
Project Type / Modality of Assistance	Technical Assistance		
Source of Funding / Amount	TA 8268-MLD: Preparing Outer Islands for Sustainable Energy Development		
	Technical Assistance Special Fund		US\$ 400,000.00
	Strategic Climate Fund		US\$ 700,000.00
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth		
Drivers of Change	Gender Equity and Mainstreaming Private sector development		
Sector / Subsector	Energy / Conventional energy generation - Energy efficiency and conservation		
Gender	Effective gender mainstreaming		
Description	ADB and the Government of Maldives are working together to transform the existing energy grids on the archipelago into a hybrid renewable energy system. The Preparing Outer Islands for Sustainable Energy Development Project is installing energy management and control systems; energy storage; and improvements in distribution networks, in order to significantly reduce the need for diesel to generate electricity. The work includes installing equipment for solar diesel hybrid grids on about 160 islands. The project will replace inefficient diesel-based power generation grids on the islands with hybrid systems of both renewable energy and diesel in order to reduce the cost of electricity and the emissions created, as well as lower the subsidy burden on the government budget.		
Project Rationale and Linkage to Country/Regional Strategy	The Maldives is the only country in South Asia to achieve 100% access to electricity. This includes the half of the population who live on outer islands. Given the geographic spread of the archipelago, each island is electrified with its own diesel-powered grid system, resulting in expensive and not very reliable electricity supply. Diesel power is also costly and requires government subsidies in excess of \$40 million a year. The 100% diesel dependence of the Maldives makes it reliant on oil imports and also makes its carbon emissions per unit of electricity among the highest in the region. The Maldives has the potential for significant renewable energy resources, including solar energy and some areas appropriate for wind power. Studies show that the cost of energy generation from a hybrid system of renewable energy and fossil fuels would be significantly lower than the existing options. The transition to renewable energy has a sound economic rationale. It improves the financial situation of the government while at the same time lowering costs for consumers.		
Impact			
Project Outcome			
Description of Outcome			
Progress Toward Outcome			
Implementation Progress			
Description of Project Outputs			
Status of Implementation Progress (Outputs, Activities, and Issues)			
Geographical Location			
Summary of Environmental and Social Aspects			
Environmental Aspects			
Involuntary Resettlement			
Indigenous Peoples			
Stakeholder Communication, Participation, and Consultation			
During Project Design			
During Project Implementation	The TA was completed in 31 December 2014. The final report was submitted and is being finalized. The ensuing grant was approved 29 September 2014 and was declared effective on 19 Jnauary 2015.		
Responsible ADB Officer	Cabral Wijayatunga, Priyantha		
Responsible ADB Department	South Asia Department		
Responsible ADB Division	Energy Division, SARD		
Executing Agencies	Ministry of Environment (formerly Ministry of Environment and Energy; Ministry of Housing and Environment) Green Building, Handhuvaree Hingun, Maafanu, Male', 20392, Republic of Maldives		

Timetable	
Concept Clearance	-
Fact Finding	-
MRM	-
Approval	10 Dec 2012
Last Review Mission	-
Last PDS Update	19 Mar 2015

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Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
10 Dec 2012	11 Jan 2013	11 Jan 2013	31 Mar 2014	31 Jul 2015	31 Jan 2016

Financing Plan/TA Utilization							Cumulative Disbursements	
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
400,000.00	700,000.00	0.00	0.00	0.00	0.00	1,100,000.00	17 Jun 2022	1,056,502.54

Project Page	https://www.adb.org/projects/46122-001/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=46122-001
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