



Tuvalu: Increasing Access to Renewable Energy Project

Project Name	Increasing Access to Renewable Energy Project	
Project Number	49450-015	
Country	Tuvalu	
Project Status	Approved	
Project Type / Modality of Assistance	Grant	
Source of Funding / Amount	Grant 0674-TUV: Increasing Access to Renewable Energy Project concessional ordinary capital resources lending / Asian Development Fund	US\$ 6.00 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Governance and capacity development Knowledge solutions Private sector development	
Sector / Subsector	Energy - Renewable energy generation - solar	
Gender Equity and Mainstreaming	Effective gender mainstreaming	
Description	The project, ADB's first in Tuvalu's energy sector, will help the government (i) transform the Funafuti and outer island power systems from manual, diesel-based power systems into modern, automated, power systems based on a high level of renewable energy; improve the quality, reliability, and climate resilience of service; reduce reliance on imported fuels for power generation; and reduce the cost of generation by partially replacing diesel power with solar power. The project is expected to displace 6.7 million liters of diesel fuel and avoid 17,800 tons of carbon dioxide equivalent (CO2e) in greenhouse gas emissions over its lifetime.	
Project Rationale and Linkage to Country/Regional Strategy	The impact of the project is aligned with utilization of renewable energy increased and greenhouse gas emissions in the power subsector in Tuvalu reduced (Intended Nationally Determined Contributions, 2015). Its outcome is increased generation and utilization of reliable and clean energy from renewable energy in Tuvalu. The project has three outputs: (i) solar photovoltaic system installed on three outer islands; (ii) solar photovoltaic and battery energy storage system installed on Funafuti; and (iii) Institutional capacity for inclusive renewable energy project development and implementation enhanced.	
Impact	Utilization of renewable energy increased and greenhouse gas emissions in the power subsector reduced	
Project Outcome		
Description of Outcome	Generation and utilization of reliable and clean energy from renewable energy increased	
Progress Toward Outcome		
Implementation Progress		
Description of Project Outputs	Solar photovoltaic system installed on three outer islands Solar photovoltaic system and BESS installed on Funafuti Institutional capacity for inclusive renewable energy project development and implementation enhanced	
Status of Implementation Progress (Outputs, Activities, and Issues)		
Geographical Location	Funafuti, Nui, Nukufetau, Nukulaelae	
Safeguard Categories		
Environment	B	
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		
Business Opportunities		

Consulting Services A Construction Supervision Consultant will be engaged using quality- and cost-based selection method (QCBS 90:10) with simple technical proposal. Individual experts will also be engaged.

Procurement A turnkey contract with post qualification and single-stage-one-envelope procurement methodology is envisaged.

Responsible ADB Officer	Cinderella Tiangco
Responsible ADB Department	Pacific Department
Responsible ADB Division	PAEN
Executing Agencies	Ministry of Finance (formerly Ministry of Finance and Economic Development) Vaiaku, Funafuti, Tuvalu Ministry of Public Utilities and Infrastructure Funafuti, Tuvalu

Timetable	
Concept Clearance	09 May 2020
Fact Finding	24 Mar 2019 to 02 Apr 2019
MRM	20 Sep 2019
Approval	04 Nov 2019
Last Review Mission	-
Last PDS Update	05 Nov 2019

Grant 0674-TUV

Financing Plan		Grant Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	6.48	Cumulative Contract Awards			
ADB	6.00	-	0.00	0.00	%
Counterpart	0.48	Cumulative Disbursements			
Cofinancing	0.00	-	0.00	0.00	%

Project Page <https://www.adb.org/projects/49450-015/main>

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