



Regional: Preparing Floating Solar Plus Projects under the Pacific Renewable Energy Investment Facility

Project Name	Preparing Floating Solar Plus Projects under the Pacific Renewable Energy Investment Facility	
Project Number	49450-028	
Country	RegionalCook IslandsMicronesia, Federated States ofKiribatiNauruPalauMarshall IslandsSamoaSolomon IslandsTongaTuvaluVanuatu	
Project Status	Active	
Project Type / Modality of Assistance	Technical Assistance	
Source of Funding / Amount	TA 6680-REG: Preparing Floating Solar Plus Projects under the Pacific Renewable Energy Investment Facility	
	Asian Clean Energy Fund under the Clean Energy Financing Partnership Facility	US\$ 2.00 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth Regional integration	
Drivers of Change	Governance and capacity development Knowledge solutions Partnerships Private sector development	
Sector / Subsector	Energy - Electricity transmission and distribution - Energy efficiency and conservation - Energy sector development and institutional reform - Renewable energy generation - solar	
Gender Equity and Mainstreaming	Some gender elements	
Description	The proposed transaction technical assistance (TA) facility will assess the potential and feasibility, develop a roadmap, and build institutional capacity to deploy floating photovoltaic (FPV) projects in the 11 small Pacific island countries (PIC-11). The TA will also conduct all required due diligence and assist in procurement for the first three FPV projects for approval in 2022-2023 under the Pacific Renewable Energy Investment Facility (facility). The TA will also conduct pre-feasibility studies for the next three FPV projects for potential ADB and private sector financing. It will develop a roadmap with a pipeline of FPV projects in the PIC-11 to address vulnerabilities and needs, considering current energy sector plans and strategies, interventions and utility reforms, and include demand-side management and efficiency measures as well as value-added end-uses beyond electricity.	
Project Rationale and Linkage to Country/Regional Strategy	PICs continue to rely heavily on imported fossil fuels for energy and transport, and on imported food given their remoteness and extreme land and natural resource constraints. But these small island states are large ocean states and have critical freshwater resources that need to be conserved and protected. With solar PV being the least-cost energy generation technology in the PICs, the emerging FPV technology is well-placed to tap their enormous water surface and solar resource potential. FPV addresses their unique challenges and vulnerabilities while limiting climate impacts.	
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	Cook Islands - Nation-wide; Kiribati - Nation-wide; Marshall Islands - Nation-wide; Micronesia, Federated States of - Nation-wide; Nauru - Nation-wide; Palau - Nation-wide; Samoa - Nation-wide; Solomon Islands - Nation-wide; Tonga - Nation-wide; Tuvalu - Nation-wide; Vanuatu - Nation-wide	
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 ADB will engage consultants following the ADB Procurement Policy (2017, as amended from time to time) and its associated staff instructions. The TA facility will require 65 person-months of international consultants' and 102 person-months of national consultants' input. ADB will engage the consultant firm through quality- and cost-based selection using full technical proposal (quality to cost ratio of 90:10).

Responsible ADB Officer	Tiangco, Cinderella C.
Responsible ADB Department	Pacific Department
Responsible ADB Division	PAEN
Executing Agencies	Asian Development Bank 6 ADB Avenue, Mandaluyong City 1550, Philippines

Timetable	
Concept Clearance	-
Fact Finding	-
MRM	-
Approval	15 Dec 2020
Last Review Mission	-
Last PDS Update	15 Dec 2020

TA 6680-REG

Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
0.00	2,000,000.00	0.00	0.00	0.00	0.00	2,000,000.00	-	0.00

Project Page	https://www.adb.org/projects/49450-028/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=49450-028
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