



Regional: Pilot Testing of Innovative Energy Technologies and Business Models

Project Name	Pilot Testing of Innovative Energy Technologies and Business Models												
Project Number	52041-004												
Country	Regional												
Project Status	Active												
Project Type / Modality of Assistance	Technical Assistance												
Source of Funding / Amount	<table><tr><td colspan="2">TA 9960-REG: Pilot Testing of Innovative Energy Technologies and Business Models</td></tr><tr><td>Climate Change Fund</td><td>US\$ 300,000.00</td></tr><tr><td>Clean Energy Fund under the Clean Energy Financing Partnership Facility</td><td>US\$ 600,000.00</td></tr><tr><td>Clean Technology Fund</td><td>US\$ 400,000.00</td></tr><tr><td>Republic of Korea e-Asia and Knowledge Partnership Fund</td><td>US\$ 150,000.00</td></tr><tr><td>Urban Climate Change Resilience Trust Fund under the Urban Financing Partnership Facility</td><td>US\$ 450,000.00</td></tr></table>	TA 9960-REG: Pilot Testing of Innovative Energy Technologies and Business Models		Climate Change Fund	US\$ 300,000.00	Clean Energy Fund under the Clean Energy Financing Partnership Facility	US\$ 600,000.00	Clean Technology Fund	US\$ 400,000.00	Republic of Korea e-Asia and Knowledge Partnership Fund	US\$ 150,000.00	Urban Climate Change Resilience Trust Fund under the Urban Financing Partnership Facility	US\$ 450,000.00
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Strategic Agendas	Environmentally sustainable growth Inclusive economic growth Regional integration												
Drivers of Change	Knowledge solutions Partnerships Private sector development												
Sector / Subsector	Energy - Energy efficiency and conservation - Energy sector development and institutional reform - Energy utility services - Renewable energy generation - small hydro - Renewable energy generation - solar Water and other urban infrastructure and services - Other urban services												
Gender Equity and Mainstreaming	Some gender elements												
Description	<p>The knowledge and support technical assistance (TA) cluster on Integrated High Impact Innovation on Sustainable Energy Technology was approved by the President on 16 October 2018. The TA cluster will prepare energy system development scenarios and technology road maps and support the scale-up of innovative energy technologies in developing member countries (DMCs). The TA cluster is aligned with the energy policy of the Asian Development Bank (ADB). It will support ADB in implementing its Strategy 2030 and DMCs in meeting the Sustainable Development Goals, including their nationally determined contributions (NDCs) as part of the Paris Agreement on climate change. The TA cluster aims to achieve greater development impact through energy sector technology innovations in ADB operations to meet the SDGs and NDCs in Asia and the Pacific.</p> <p>The TA subproject 3 will have the following outcome: Use of sustainable innovative technologies in participating DMCs increased. The TA subproject 3 outcome will support the following outputs of the overall TA cluster: i) Pilot testing of innovative technologies deployed and impact assessment and knowledge solutions.</p>												
Project Rationale and Linkage to Country/Regional Strategy	The TA subproject 3 will identify and support pilot demonstrations of innovative technologies and business models in coordination with ADB's regional departments, including cross-sector and thematic initiatives with, but not limited to, water, transport, environment, and urban sector groups; the Climate Change and Disaster Risk Management Thematic Group; and the Digital Technology for Development Unit. The TA subproject 3 will also finance impact assessment and knowledge solutions of pilot projects to assess the effectiveness and efficiency in the implementation of projects and provide on-hand information on project progress, particularly in relation to beneficiaries and results.												
Impact	Access to reliable, low-carbon, and cost-effective energy increased												

Project Outcome	
Description of Outcome	Use of sustainable innovative technologies in participating DMCs increased
Progress Toward Outcome	
Implementation Progress	
Description of Project Outputs	Pilot testing of innovative technologies and business models deployed Pilot project impact assessment and knowledge products and services produced
Status of Implementation Progress (Outputs, Activities, and Issues)	
Geographical Location	Regional

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	Elzinga, David C.
Responsible ADB Department	SDSC
Responsible ADB Division	SDSC-ENE
Executing Agencies	Asian Development Bank 6 ADB Avenue, Mandaluyong City 1550, Philippines

Timetable	
Concept Clearance	-
Fact Finding	03 Feb 2020 to 03 Feb 2020
MRM	-
Approval	01 Apr 2020
Last Review Mission	-
Last PDS Update	04 Apr 2020

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Financing Plan/TA Utilization							Cumulative Disbursements	
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
300,000.00	1,600,000.00	0.00	0.00	0.00	0.00	1,900,000.00	-	0.00

Project Page

<https://www.adb.org/projects/52041-004/main>

Request for Information

<http://www.adb.org/forms/request-information-form?subject=52041-004>

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