



# Mongolia: Renewable Heating Demonstration in Remote Areas

Project Name	Renewable Heating Demonstration in Remote Areas	
Project Number	54360-001	
Country / Economy	Mongolia	
Project Status	Approved	
Project Type / Modality of Assistance	Grant	
Source of Funding / Amount	Grant 9231-MON: Renewable Heating Demonstration in Remote Areas	
	Japan Fund for Prosperous and Resilient Asia and the Pacific	US\$ 2.00 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Gender Equity and Mainstreaming Governance and capacity development Knowledge solutions Partnerships	
Sector / Subsector	Energy / Renewable energy generation - geothermal - Renewable energy generation - solar	
Gender Equity and Mainstreaming	Effective gender mainstreaming	
Description	To support a transition to cleaner heating in Mongolia, the project will develop a renewable heating system with solar thermal and ground source heat pumps to be supply heat for a community building (community center or school) in the South Gobi region of Mongolia. The project will involve a consultative process with provincial and district authorities, building users, and building managers in the design and execution of the project and will involve extensive outreach and capacity development to build awareness of the technology, including design and construction approach. The project will also support operations and maintenance of the system over two winters with continuous monitoring and capacity development.	
Project Rationale and Linkage to Country/Regional Strategy	The proposed project will demonstrate renewable energy heating system viability in a remote area of Mongolia. The project will support commissioning of the system, its operation and maintenance over two winters, and capacity development among regional leaders and heating technicians. This project will demonstrate the potential for a technology that can meet the heating demands in cold areas, be maintained even in remote regions, reduce air pollution, and contribute to greenhouse gas mitigation.	
Impact	Greenhouse gas emissions reduced Access to quality heat supply increased	
<b>Project Outcome</b>		
Description of Outcome	Acceptance of renewable heating systems increased	
<b>Progress Toward Outcome</b>		
<b>Implementation Progress</b>		
Description of Project Outputs	Renewable heating system in remote area constructed. Renewable heating system awareness and capacity to install and maintain renewable heating system enhanced Energy efficiency awareness and capacity to adopt energy efficiency in residences enhanced	
Status of Implementation Progress (Outputs, Activities, and Issues)		
Geographical Location	Nation-wide	
<b>Safeguard Categories</b>		
Environment	C	
Involuntary Resettlement	C	
Indigenous Peoples	C	
<b>Summary of Environmental and Social Aspects</b>		
Environmental Aspects		
Involuntary Resettlement		
Indigenous Peoples		
<b>Stakeholder Communication, Participation, and Consultation</b>		
During Project Design		
During Project Implementation		

Responsible ADB Officer	Cowlin, Shannon C.
Responsible ADB Department	East Asia Department
Responsible ADB Division	EASI
Executing Agencies	Ministry of Energy

Timetable	
Concept Clearance	03 May 2021
Fact Finding	22 Mar 2022 to 24 Mar 2022
MRM	-
Approval	17 Oct 2022
Last Review Mission	-
Last PDS Update	17 Oct 2022

## Grant 9231-MON

	Financing Plan		Grant Utilization			
	Total (Amount in US\$ million)		Date	ADB	Others	Net Percentage
Project Cost	2.07		Cumulative Contract Awards			
ADB	0.00		-	0.00	0.00	%
Counterpart	0.07		Cumulative Disbursements			
Cofinancing	2.00		-	0.00	0.00	%

Project Page	<a href="https://www.adb.org/projects/54360-001/main">https://www.adb.org/projects/54360-001/main</a>
Request for Information	<a href="http://www.adb.org/forms/request-information-form?subject=54360-001">http://www.adb.org/forms/request-information-form?subject=54360-001</a>
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