



Afghanistan: Renewable Energy Development

Project Name	Renewable Energy Development				
Project Number	47266-001				
Country	Afghanistan				
Project Status	Active				
Project Type / Modality of Assistance	Technical Assistance				
Source of Funding / Amount	<table border="1"> <tr> <td colspan="2">TA 8808-AFG: Renewable Energy Development</td> </tr> <tr> <td>Clean Energy Fund under the Clean Energy Financing Partnership Facility</td> <td>US\$ 1.00 million</td> </tr> </table>	TA 8808-AFG: Renewable Energy Development		Clean Energy Fund under the Clean Energy Financing Partnership Facility	US\$ 1.00 million
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Strategic Agendas	Inclusive economic growth Regional integration				
Drivers of Change	Governance and capacity development Partnerships				
Sector / Subsector	Energy - Energy sector development and institutional reform				
Gender Equity and Mainstreaming	No gender elements				
Description	The TA aims to increase share of renewable energy in Afghanistan by developing a roadmap, developing hybrid wind/solar/diesel renewable energy projects, and increasing the necessary institutional capacity in the country. The TA will build on previous work and complement ongoing efforts of MEW and other development partners that will contribute to and benefit from ADB's broader Clean Energy and Energy for All programs.				
Project Rationale and Linkage to Country/Regional Strategy	Afghanistan is a net energy and electricity importer. While renewable energy and fossil fuel resources exist, exploitation is still in its infancy. The growing demand is met by electricity imports which represented 78% of total supply in 2013. By 2032, demand is forecast to reach 3,500 MW and electric consumption 18,400 GWh. Meeting this demand requires all viable import and domestic sources to be developed and corresponding transmission lines and distribution systems to be expanded together with mini grids and off grids systems where grid cannot be extended in the near future.				
Impact	Increased access to renewable energy in Afghanistan				

Project Outcome

Description of Outcome	Increased readiness for renewable energy development investments, both public and private, in Afghanistan
Progress Toward Outcome	NA

Implementation Progress

Description of Project Outputs	Renewable energy road map for Afghanistan developed Report on renewable energy resource and technology assessment in identified areas completed Capacity to plan and implement renewable energy projects improved Start up activities for Renewable energy road map implemented.
Status of Implementation Progress (Outputs, Activities, and Issues)	The renewable energy road map is currently being finalized, and is planned to be presented in Kabul in May 2017. Four potential sites have been identified, with 3 out of 4 pre-feasibility studies already completed. Also, several capacity building activities have already been implemented.
Geographical Location	Afghanistan

Summary of Environmental and Social Aspects

Environmental Aspects

Involuntary Resettlement

Indigenous Peoples

Stakeholder Communication, Participation, and Consultation

During Project Design Not applicable.

During Project Implementation The TA will be monitored through regular reporting and soliciting feedback from key stakeholders. The TA progress and outcomes will be regularly discussed with all relevant stakeholders and development partners involved in renewable energy programs.

Business Opportunities

Consulting Services The consulting firm engaged under the CDTA was mobilized in Q3 2015, while the international individual expert (Solar) was mobilized in Q1 2016. Two additional international experts (solar and procurement) were also engaged in Q4 2016. The experts were engaged using ADB's Guidelines on the Use of Consultants by Asian Development Bank and its Borrowers (2013, as amended from time to time).

Procurement The procurement of equipment will be in accordance with ADB's Procurement Guidelines (2013, as amended from time to time).

Responsible Staff

Responsible ADB Officer Tumiwa, Samuel

Responsible ADB Department Central and West Asia Department

Responsible ADB Division Energy Division, CWRD

Executing Agencies *Ministry of Energy and Water
Darul Aman Road,
Kabul,
Islamic Republic of Afghanistan*

Timetable

Concept Clearance 30 Oct 2014

Fact Finding -

MRM -

Approval 12 Dec 2014

Last Review Mission -

Last PDS Update 28 Mar 2017

TA 8808-AFG

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
12 Dec 2014	06 Jan 2015	06 Jan 2015	30 Jun 2017	31 Dec 2017	-

Financing Plan/TA Utilization							Cumulative Disbursements	
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
0.00	1,000,000.00	0.00	0.00	0.00	0.00	1,000,000.00	12 Dec 2014	785,037.52

Project Page <https://www.adb.org/projects/47266-001/main>

Request for Information <http://www.adb.org/forms/request-information-form?subject=47266-001>

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