Early Warning System

ADB-49413-001

Leapfrogging of Clean Technology in CAREC Countries through Market Transformation

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Quick Facts

Financial Institutions	Asian Development Bank (ADB)
Status	Active
Bank Risk Rating	A
Voting Date	2017-02-13
Sectors	Energy, Technical Cooperation
Investment Type(s)	Grant
Investment Amount (USD)	$ 2.00 million
Project Cost (USD)	$ 2.00 million

Project Description

This proposal will enable faster adoption of new technologies in the CAREC region. The new Strategy and Work Plan (2016 - 2020) aims to increase the awareness of decision makers and opinion leaders about global energy trends and recent energy innovations to promote new technologies and remove market barriers. The new technology trainings in 2015, where CAREC - ESCC representatives participated, exhibited recent technological developments and equipment available in the developed countries. As a result, ESCC members requested ADB to finance a RETA to demonstrate a range of new technologies that could be adopted by the energy sector which is a key pillar of 2016 -2020 strategy.

The proposed TA will fast-track technology adoption through a new technology roadmap, credible demonstration of new technology pilots through study tours, capacity development workshops and trainings.
The proposed TA will address the following in support of new technology in the CAREC countries:
(i) Develop understanding of relevant technologies that may be useful within the context of the country through new technology trainings and visit demonstration projects in developed countries.
(ii) Design and develop scalable demonstration projects to establish technology credibility and product standards in local settings.
(iii) Explore specific incentive options and policy support enabling faster adoption of new technology.
(iv) Establish a regulator's network and develop capacity to ensure consistent policy and standards across the region and support for a regional market to fast track technology adoption.
(v) Support capacity building and coordination of the ESCC activities for 2016- 2020.

The objective of the proposed TA is aligned with the core objectives of the ADB''s 2014 Clean Energy Financing Partnership Facility Work Program: (i) increase both demand and supply -side energy efficiency; (ii) promote the use of and adopt renewable energy sources; and (iii) improve access to energy for the poor and remote regions. The proposed TA is aligned with the priorities of the Clean Energy Financing Partnership Facility (CEFPF) where resources target the improvement of energy security through deployment of new clean energy technologies in developing member countries.

The ESCC members developed a New Technology Vision for demonstration and adoption during the Workshop on New Technologies held on July 2015 in Tokyo, Japan. The proposed TA support the new technology ecosystems and the ESCC members agreed to its scope during the ESCC Meeting held on April 2016 in Islamabad, Pakistan.
The proposed list of projects was part of the Strategy and Work Plan (2016 -2020) for Regional Cooperation in the Energy Sector of CAREC countries that the Ministers approved during the CAREC Senior Officials Meeting held on September 2015 in Ulaanbaatar, Mongolia and is linked to Central and West Asia Department''s investment project pipeline.

Investment Description

- Asian Development Bank (ADB)

Contact Information

ACCOUNTABILITY MECHANISM OF ADB

The Accountability Mechanism is an independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by an Asian Development Bank-financed project. If you submit a complaint to the Accountability Mechanism, they may investigate to assess whether the Asian Development Bank is following its own policies and procedures for preventing harm to people or the environment. You can learn more about the Accountability Mechanism and how to file a complaint at: http://www.adb.org/site/accountability-mechanism/main

Bank Documents

- Project Disclosure PDF
- Technical Assistant Report [Original Source]

Other Related Projects

- ADB-48025-003 Central Asia Regional Economic Cooperation Corridor 2 (Pap-Namangan-Andijan) Railway Electrification
- ADB-49042-004 CAREC Corridors 2, 5, and 6 (Dushanbe-Kurgonteppa) Road Project
- ADB-48424-002 CAREC Corridors 1 and 6 Connector Road (Aktobe-Makat) Reconstruction Project
- ADB-49343-001 Modernization of Sanitary and Phytosanitary Measures for Food Safety
- ADB-48424-001 CAREC Corridors 1 and 6 Connector Road (Aktobe-Makat) Improvement Project
- ADB-48414-001 Third CAREC Corridor Road Investment Program
- ADB-44483-027 Second Central Asia Regional Economic Cooperation Corridor 2 Road Investment Program (Tranche 3)
- ADB-49257-002 East-West Highway (Khevi-Ubisa Section) Improvement Project
- ADB-49257-001 East-West Highway (Khevi–Ubisa Section) Improvement Project
- ADB-44483-023 Second Central Asia Regional Economic Cooperation Corridor 2 Road Investment Program - Tranche 1
- ADB-44483-024 MFF - Second Central Asia Regional Economic Cooperation Corridor 2 Road Investment Program
- ADB-44483-026 Second Central Asia Regional Economic Cooperation Corridor 2 Road Investment Program - Tranche 2