Early Warning System

ADB-56314-001

Opportunities to Accelerate Coal to Clean Power Transition in Kazakhstan

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Quick Facts

Countries	Kazakhstan
Financial Institutions	Asian Development Bank (ADB)
Status	Approved
Bank Risk Rating	U
Voting Date	2022-12-28
Borrower	Government of Kazakhstan
Sectors	Energy, Technical Cooperation
Investment Type(s)	Grant
Investment Amount (USD)	$ 0.23 million
Grant Amount (USD)	$ 0.23 million
Project Cost (USD)	$ 0.23 million

Project Description

According to the Bank’s website, the ADB aims to encourage member countries to shift to a low greenhouse gas emission development path in line with their nationally determined contributions under the Paris Agreement. The project consists of opportunities to Accelerate Coal to Clean Power Transition in Kazakhstan.

In general, ADB's ETM is seeking to set up a commercial funding vehicle for supporting the accelerated retirement of coal plants while also supporting the simultaneous scale up of renewable energy. The TA will conduct a pre-feasibility study (Pre-FS) aiming to identify opportunities and possible transition mechanisms in Kazakhstan to accelerate the retirement of coal-fired power plants (CFPPs) and combined heat-power plants (CHPPs) and replace them with cleaner energy sources.

The ETM Pre-FS will:

(i) assess Kazakhstan's policy and regulatory environment under which CFPPs and CHPPs are operating in order to understand the feasibility of acquiring, retiring, and replacing CFPPs and CHPPs suitable for GOK's consideration under one of the potential ETM modalities;

(ii) develop of a multi-criteria analysis (MCA) framework that will be used to carry out a high-level screening of Kazakhstan's entire fleet of CFPPs and CHPPs based on financial, contractual, institutional, regulatory, geographical location and market-related aspects for the purpose of identifying and ranking them from high-prospect to low-prospect assets in terms of their potential for accelerated retirement under a suitable ETM modality;

(iii) provide a detailed financial analysis of the top-five (5) representative CFPPs and CHPPs;

(iv) define the terms of reference (TORs) for a full feasibility study with a larger scope and timeframe, which would later design the structure of a pilot ETM aiming to replace coal and/or other high-carbon power generation with cleaner technologies;

(v) define a potential ETM opportunities to accelerate the transition from coal-fired and other high-carbon power generation to clean power generation in Kazakhstan;

(vi) conduct an analysis on the suitable ETM models within the prevailing legal and regulatory framework of Kazakhstan's energy sector.

Investment Description

- Asian Development Bank (ADB)

Contact Information

Responsible ADB Officer: Zharkinbayev, Serik Sabitovich

ACCESS TO INFORMATION

You can submit an information request for project information at: https://www.adb.org/forms/request-information-form

ADB has a two-stage appeals process for requesters who believe that ADB has denied their request for information in violation of its Access to Information Policy. You can learn more about filing an appeal at: https://www.adb.org/site/disclosure/appeals

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 [Original Source]
- Terms of Reference of Pre-feasibility Study on the Potential for Energy Transition Mechanism Opportu [Original Source]