Early Warning System

ADB-51418-001

Air Quality Improvement in the Greater Beijing-Tianjin-Hebei--Shandong Clean Heating and Cooling Pro

Air Quality Improvement in the Greater Beijing-Tianjin-Hebei--Shandong Clean Heating and Cooling Pro

Quick Facts

Countries	China
Specific Location	Shandong province
Financial Institutions	Asian Development Bank (ADB)
Status	Active
Bank Risk Rating	A
Voting Date	2018-12-13
Borrower	People's Republic of China
Sectors	Energy
Investment Type(s)	Advisory Services, Loan
Investment Amount (USD)	$ 399.91 million
Loan Amount (USD)	$ 399.91 million
Project Cost (USD)	$ 710.76 million

Project Description

According to the bank document, the proposed project will implement three clean heating and cooling subprojects to accelerate air pollution abatement in Shandong Province. The heating and cooling projects proposed are innovative, as they will combine renewable energy technologies and waste heat recovered from industry and power plants to reduce the energy and carbon intensity of heat production and refrigeration, and thereby reduce air pollution and greenhouse gas emissions, as well as the heat island effect in urban areas. An overview of each subproject is provided below.

Subproject 1: West Jinan Waste Heat Utilization and Clean Energy Subproject. This subproject will provide heat to urban residents, industrial, and business customers.

Subproject 2: Shanghe Coal-Free Clean Heating Demonstration Subproject. This subproject covers the urban area of Shanghe County, the semi-urban area of 11 towns and 80,000 rural households where coal-fired stoves or coal-fired boilers are common for space heating.

Subproject 3: East Jinan Low-Emission Combined District Heating and Cooling Subproject. East Jinan is where the central business district located. A large amount of heating and cooling demands in this area requires a low-emission system supplying both heat and cooling.

Investment Description

- Asian Development Bank (ADB)

Loan 3765-PRC: Air Quality Improvement in the Greater Beijing-Tianjin-Hebei for Shandong

Ordinary capital resources US$ 399.91 million

Counterpart (Government) US$ 310.85 million

TA 9682-PRC: Air Quality Improvement in the Greater Beijing Tianjin Hebei Shandong Clean Heating and Cooling Project

Clean Energy Fund under the Clean Energy Financing Partnership Facility US$ 0.75 million

Contact Information

Executing Agencies

Guangdong Finance Trust Company Limited (GFTC)

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Shandong Provincial Government

People's Republic of China

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

- Air Quality Improvement in the Greater Beijing-Tianjin-Hebei Region-Shandong Clean Heating and Cooli [Original Source]
- Air Quality Improvement in the Greater Beijing-Tianjin-Hebei Region-Shandong Clean Heating and Cooli [Original Source]
- Air Quality Improvement in the Greater Beijing-Tianjin-Hebei Region-Shandong Clean Heating and Cooli [Original Source]
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- Air Quality Improvement in the Greater Beijing-Tianjin-Hebei--Shandong Clean Heating and Cooling Pro [Original Source]
- Air Quality Improvement in the Greater Beijing-Tianjin-Hebei--Shandong Clean Heating and Cooling Pro [Original Source]
- Project Disclosure PDF [Original Source]