Early Warning System

ADB-49019-001

Sustainable Management of Fly Ash from Municipal Solid Waste Incineration

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Quick Facts

Countries	China
Specific Location	Tianjin
Financial Institutions	Asian Development Bank (ADB)
Status	Active
Bank Risk Rating	B
Voting Date	2015-09-25
Borrower	Government of People's Republic of China
Sectors	Industry and Trade, Water and Sanitation
Investment Type(s)	Grant
Investment Amount (USD)	$ 0.30 million
Project Cost (USD)	$ 0.30 million

Project Description

The Government of the People's Republic of China (PRC) has requested policy and advisory technical assistance (TA) from the Asian Development Bank (ADB) to enhance the policies and practices regarding the safe and sustainable management and reuse of fly ash from municipal solid waste incineration plants in the PRC. The TA is in line with the key policies of the government's Twelfth Five-Year Plan, 2011-2015, which supports increased incineration of total treated solid waste and strategically supports key initiatives planned in the PRC's National New-Type Urbanization Plan, 2014 -2020. The TA is aligned with the strategic priorities of ADB's Midterm Review of Strategy 2020 and the country partnership strategy, 2011 2015 for the PRC to achieve environmentally sustainable growth.

The impact will be improved urban environmental quality in the PRC, aligned with the PRC's National New-Type Urbanization Plan, 2014- 2020. The outcome will be improved sustainability of fly ash management from municipal solid waste incineration in the PRC. The TA is expected to have three outputs that will contribute to the achievement of the outcome and impact: (i) technical standards for safe capture, processing, reuse, and sustainable disposal of fly ash from municipal solid waste incineration plants (MSWIPs) developed; (ii) policy recommendations and implementation action plan for safe reuse and sustainable disposal of fly ash from MSWIPs prepared; and (iii) capacity on technologies and establishing an information and service center on advanced sustainable MSWIP fly ash management in the PRC improved.

OUTPUTS
1. Technical standards for safe capture, processing, reuse, and sustainable disposal of fly ash from MSWIPs developed
2. Policy recommendations and implementation action plan for safe reuse and sustainable disposal of fly ash from MSWIPs prepared
3. Capacity on technologies and establishing an information and service center on advanced sustainable MSWIP fly ash management in the PRC improved

IMPACT
Urban environmental quality in the PRC improved (PRC National New-Type Urbanization Plan, 2014 -2020)

CONSULTING SERVICES
It is estimated that the TA will require 7 person-months of international and 15 person-months of national consulting services, including: (i) three international specialists (a) solid waste management and waste incineration plant specialist/team leader (4 person-months), (b) solid waste policy, standards, and institutional specialist (2 person-months), and (c) environment specialist (1 person-month); and (ii) four national specialists (a) solid waste policy, standards, and institutional specialist/deputy team leader (5 person-months), (b) solid waste management and waste incineration plant specialist (4 person-months), (c) environment specialist (4 person-months), and (d) information technology and database management specialist (2 person-months). The specialists will be engaged through a firm in accordance with Guidelines on the Use of Consultants (2013, as amended from time to time) of the Asian Development Bank using the quality- and cost-based selection method, with a quality cost ratio of 90:10.

Investment Description

- Asian Development Bank (ADB)

Contact Information

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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
- Sustainable Management of Fly Ash from Municipal Solid Waste Incineration: Technical Assistance Repo [Original Source]