

 Early Warning System

NDB-NORTHDHAKAWTE
North Dhaka Waste-to-Energy Project



Quick Facts

Countries	Bangladesh
Financial Institutions	New Development Bank (NDB)
Status	Approved
Bank Risk Rating	A
Voting Date	2025-06-27
Borrower	WtE Power Plant North Dhaka Private Limited (China Machinery Engineering Corporation)
Investment Type(s)	Loan
Investment Amount (USD)	\$ 100.00 million
Loan Amount (USD)	\$ 100.00 million
Project Cost (USD)	\$ 457.00 million



Project Description

According to the NDB, the Project comprises: (i) construction of a 3,000-ton/day waste incineration plant, equipped with a 4*750-tons/day incineration line and 2 sets of 35 MW turbo-generator systems; (ii) construction of a 6-km transmission line from the site to the state-owned substation.

The objective of the Project is to: (i) alleviate environmental pollution in Bangladesh resulting from increasing waste and limited space of existing waste landfill facilities; (ii) contribute towards Bangladesh's long-term master plan for power sector, which aims to generate 10% of electricity from renewable energy by 2041.

The Project will be implemented by the Borrower, in accordance with laws and regulations in Bangladesh. The WtE power plant will be built by CMEC as the EPC contractor. The Project will utilize incinerators produced by Shanghai SUS Environment Co., Ltd, and waste heat boilers produced by Wuxi Huaguang Environment & Energy Group Co., Ltd. Construction commenced in 2024, and the plant shall reach commercial operation by July 7, 2026.



Early Warning System Project Analysis

As stated by the NDB, potential adverse E&S impacts and risks include economic displacement, loss of livelihoods, and community health and safety risks due to waste incineration, which may include toxic compounds. Proximity to the existing landfill site increases the risk of soil and groundwater contamination. The Project's E&S impacts and risks will be mitigated by following country system requirements and effective implementation of Environmental and Social Management Plan ("ESMP"), Environmental and Social Monitoring Plan ("ESMoP") and Environmental and Social Corrective Action Plan ("ESCAP"). The Project, upon fulfilling all those requirements, will be in material compliance with NDB ESF.



Investment Description

- New Development Bank (NDB)



Private Actors Description

As stated by Bloomberg, China Machinery Engineering Corporation contracts international engineering projects. The Company constructs thermal power plants, hydro power plants, power station projects and communication projects. Furthermore, the Company also offers import and export services in electric meters, electro-optic light and castings products.



Early Warning System

North Dhaka Waste-to-Energy Project

NDB-NORTHDHAKAWTE

Private Actor 1	Private Actor 1 Role	Private Actor 1 Sector	Relation	Private Actor 2	Private Actor 2 Role	Private Actor 2 Sector
-	-	-	-	China Machinery Engineering Corporation - CMEC	Client	Infrastructure



Contact Information

NDB Team Leader:

Dmitry Kulesho - Private Sector and Non-Sovereign Guaranteed Transactions

No contacts provided at the time of disclosure.

Client - WtE Power Plant North Dhaka Private Limited:

Wang Pu - Investment Department, CMEC

Email: wangpu@cmech.com

ACCESS TO INFORMATION

You can submit an information request for project information through a form at the bottom of the following webpage <https://www.ndb.int/about-us/contact-us/>. Alternatively, you can send an e-mail to info@ndb.int.

ACCOUNTABILITY MECHANISM OF NEW DEVELOPMENT BANK

The New Development Bank (NDB) does not currently have an independent accountability mechanism to accept complaints related to NDB-financed projects. The Bank does have a whistleblower mechanism that receives complaints about misconduct related to corruption, fraudulent practices and instances of money laundering in projects financed by the NDB and/or against the NDB staff members. To learn more about the whistleblower mechanism and how to file a complaint, access this webpage at: <https://www.ndb.int/about-us/whistleblowing/>.



Bank Documents

- [Project Summary](#)



Other Related Projects

- AIIB-000617 Bangladesh: North Dhaka Waste to Energy Project
- NDB-DHAKAWASTETOENERGY Dhaka Waste-to-Energy Power Plant Project