

Proposed Project Summary for Public Disclosure
(concept review stage)

Project Name	Dhaka Waste-to-Energy Power Plant Project
Country	The People's Republic of Bangladesh
Type	Non-Sovereign
Area of Operation	Environmental Protection
Concept Approval Date	26 December 2023
Total Project Cost	USD 481.3 million
Proposed Limit of NDB Financing	Up to USD 100 million
Borrower	WtE Power Plant North Dhaka Private Limited (“WtE Dhaka”)
Project Entity(ies)	WtE Dhaka
Project Context	<p>The recent rapid economic development of Bangladesh and its growing population have triggered environmental issues in the country. Dhaka is considered one of the most polluted cities in the world. Currently, the way of garbage disposal is open-air storage or landfill, causing severe pollution on water, air and land. Furthermore, the existing landfill could only be used for a very limited time. Scarcity of land does not allow to build additional landfills around Dhaka.</p> <p>To alleviate the situation, the Government of Bangladesh decided to build waste incineration power plants in Dhaka and in 2021 China Machine Engineering Corporation was selected to build, own and operate the first waste-to-energy power plant in the country through the special purpose vehicle – WtE Dhaka.</p>
Project Description	<p>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.</p>
Project Objective	<p>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.</p>