

## UPM Consulting Project Factsheet



### Technical Assistance for Development of a Regional Integrated Waste Management Facility

Bhola Municipality, Bangladesh, 2018-2020

#### KEY PARTNERS

- Bangladesh Agricultural University (BAU)
- University of Science and Technology Beijing (USTB)

#### Client

ADB, finance by Bill & Melinda Gates Foundation

#### Beneficiaries:

Asian Development Bank (ADB)  
Government of Bangladesh  
Bhola Purashava

#### Sustainable Development Goals



#### Project Background

ADB is helping Bangladesh develop climate-resilient infrastructure in ten vulnerable coastal municipalities (secondary cities). The project includes investments in water and sanitation facilities, cyclone shelters, emergency access roads and bridges and other municipal infrastructure. It also strengthens urban planning and disaster preparedness and conducts awareness-raising activities. The Bill & Melinda Gates Foundation is supporting the ADB's "Improving Infrastructure in Coastal Cities" project with a US\$1.60 million grant, under the Water, Sanitation and Hygiene sector, for toilet and waste management.

#### Scope of Work

UPM provided technical assistance to ADB and the Bangladesh Local Government Engineering Department (LGED) in implementation of a detailed feasibility study to identify the most appropriate option for the development and implementation of an integrated solid waste and sewage sludge treatment plant.

#### Category

Integrated solid and liquid waste management, sanitation, recovery, waste-to value, Environmental health, value chain organisation, institutional capacity building, innovation



#### CONTACT

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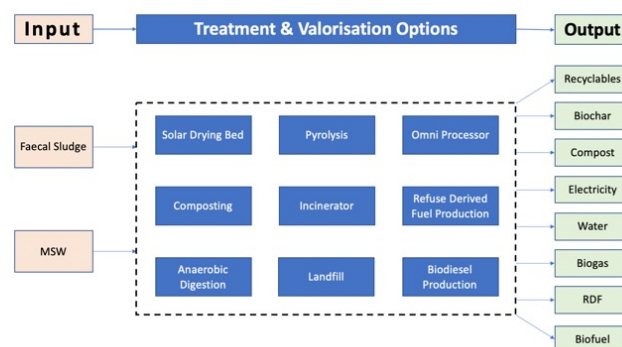
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## Services

- Survey and characterization study of domestic, industrial and medical waste with installation of a field analysis laboratory;
- Stakeholder Analysis;
- Development and publication of a SFD (Shit Flow Diagram) for Bhola Municipality;
- Study on the latest technological advances and best applied technologies (BAT) for integrated waste management and recovery in Bangladesh;
- Technology recommendations and the most suitable business model (from collection to reuse/disposal);
- Site verification.;
- Ongoing capacity building of national and local project's stakeholders.

## Integrated Resource Recovery Center (IRRC)



## Type of Service:

Technical assistance, Capacity Building, Feasibility Study