

Project Period
4 years; July 2021 to June 2025

Safe Water for All: A New Partnership for Growth in Bangladesh

Project Consortium Partners

- BRAC UK (Administrative Partner)
- BRAC Bangladesh (Implementing Partner)
- Grundfos (Commercial Partners)

Project Overview

The DMDP programme brings together commercial companies and development organisations in order to deliver market and social impacts. This project combines the expertise and experience of BRAC and Grundfos, in order to create a sustainable business for treatment of industrial effluent in the RMG sector, and provision of clean water in communities in Bangladesh.

Expected Outcomes

- Development of a commercially viable, business model for effluent treatment in factories and domestic water provision in communities
- New and improved decent jobs created through WTPs, ETPs and improved market linkages
- Increased use of clean water in targeted communities in Bangladesh

Project Outputs



Set up of **9** Effluent Treatment Plants (ETPs) in RMG and Dying factories



Installation of **21** Water Treatment Plants (WTPs) in communities



204,000 people have access to safe drinking water



Created **669** jobs and increased income opportunities



Set up of **30** servicing and supply chains for WTPs and ETPs



Impact debt and equity mobilised through BRAC bank and other alternate funding routes



Advocacy, communications learning generation and dissemination

Major Activity

Inception phase:

Conducting feasibility study on promoting products and business model.

Implementation phase:

Baseline surveys, organize inception workshop, meeting with stakeholders (Government agencies, BGMEA, BKMEA, SMEs, MSMEs), training for MSMEs and SMEs, installation of WTPs and ETPs, awareness campaign, preparing evidence papers/case studies and published with media engagement, conducting research and evaluation on business model, documentation and publication for policy influencing, advocacy and learning sharing workshop, etc.

Close-out phase:

Developing phase-out strategy and plan, organising meeting/ workshop with concerned stakeholders.

Project Area

The project will be implemented in two geographical areas:

1. Industrial areas of Dhaka and Gazipur for installation of ETPs;
2. Dhaka and Coastal areas for the installation of WTPs locations will be identified through a feasibility study.

Our Solutions

Our solution is to provide modularised and affordable effluent/water treatment solutions using Grundfos' experience in order to treat industrial effluent in the Ready Made Garment (RMG) Sector by reducing harmful impacts of effluent on people & the environment, and to provide accessible and affordable drinking water in communities.

Introduction - Dual Approach

- ETP – Taking combined experience and innovative solutions from Grundfos case studies from around the world and standardising a solution for the Garment/textile industry.
- Bespoke designs based on individual factory requirements. Standardise and Containerise equipment where possible.
- Balance between Regulatory compliance / discharge quality / technical requirement / Finance/ Affordability
- WTP – Based on combined experience from the treatment units that Grundfos has developed for contaminated surface and groundwater in the market over the years, as a solution to bring down drinking water costs.
- Commercial partners to provide service assistance via local service partners.

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