

This series showcases success stories of PaCT (Partnership for Cleaner Textile) partner factories in the Bangladesh textile sector that have implemented cleaner production projects.

Factory Status

International Trading Services Ltd. (ITSL) Wash Unit is a laundry facility and a sister concern of the Standard Group. The total production capacity of the plant is 70,000 pieces per day. The factory has 24 water flow meters to measure groundwater lifting, washing process, domestic consumption, utility use, and effluent treatment plant (ETP) inlet and outlet volumes.

Description of Implementation

ITSL has implemented a solar water heating system as suggested by PaCT program experts. This heated water is used in the dining section for cleaning and disinfecting utensils. ITSL has invested about \$512 in the solar system and as a result, approximately \$700 could be saved annually with a payback period of nine months.

Investment & Payback Status

\$512	→	\$700
Initial Investment		Annual Savings

9 Months (Simple Payback Period)

Solar Heater Type	Capacity
Evacuated Tube System	200 L/h

Environmental Benefits

Annual Energy (Heating) Savings	Annual GHG Reductions
50 MWh	9.35 ton of CO ₂ e



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It was a pleasant experience to work with PaCT. The Cleaner Production (CP) program has brought in new ideas for us to protect our environment, save energy consumption and cost, and strive for a better future. We appreciate PaCT's interventions in our factory and hope that the CP program will be continued to help other factories with introducing cutting-edge technologies.”

International Trading Services Ltd.
Factory Management.

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IFC-led Advisory Partnership for Cleaner Textile (PaCT) is a holistic program that supports the entire textile value chain – spinning, weaving, wet processing and garment factories – in adopting cleaner production (CP) practices. PaCT engages with brands, technology suppliers, industrial associations, financial institutions, and the government to bring about systemic and positive environmental changes to the Bangladesh textile sector and contribute to its long-term competitiveness and environmental sustainability.

WHAT PaCT DOES:

- Basic Cleaner Production Assessment
- In-Depth Cleaner Production Assessment
- Chemical Management Assessments
- Water and Energy Management
- Energy Efficiency and Productivity Assessment
- Rooftop Solar PV Pre-feasibility Study
- Online Resource Monitoring

DEVELOPMENT PARTNERS



EMBASSY
OF DENMARK



Kingdom of the Netherlands

IMPLEMENTING PARTNER



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IMPLEMENTER



IFC

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Finance Corporation
WORLD BANK GROUP

Creating Markets, Creating Opportunities