



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION



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RESOURCE EFFICIENT
AND CLEANER PRODUCTION

NO XANH CO.LTD
HIỆP PHƯỚC INDUSTRIAL PARK

The **Global Eco-industrial Parks Programme - Country level intervention in Vietnam** (2020-2024), funded by the Swiss State Secretariat for Economic Affairs (SECO) and implemented by the United Nations Industrial Development Organization (UNIDO) in collaboration with the Ministry of Planning and Investment (MPI), aims to enhance the environmental, economic, and social performance of industrial parks and zones in Vietnam. This initiative promotes the eco-industrial park approach in selected pilot industrial parks and supports the development of relevant national policies.

The project supports over 100 tenant companies in pilot industrial parks in implementing Resource Efficient and Cleaner Production (RECP) practices. These efforts aim to enhance the quality of life for workers and promote sustainable production.

COMPANY INFORMATION



Company Name: NO XANH CO.LTD

Address: A6c Hiep Phuoc Industrial Park, Long Thoi Commune, Nha Be District, Ho Chi Minh City

Product: Laundry and cleaning of textiles and fur products

Production capacity: 3,840 tons of products/year

Number of workers: 170 people

Total number of working days: 360 days/year

PRODUCTION PROCESS



TYPES OF WASTE

Emission gas

- » Generated from the boiler, including dust, CO, NOx which is collected and treated by emission gas treatment system

Wastewater

- » The Company's wastewater includes production wastewater and domestic wastewater. Production wastewater is mainly wastewater from the washing process. Wastewater is treated locally at the factory using physicochemical methods (Coagulation - Flocculation - Sedimentation) before being connected directly to the centralized wastewater treatment plant of Hiep Phuoc Industrial Park

Solid waste

- » Including domestic and production solid waste such as packaging material, PE film... are sorted, collected, transported, and handled by an Environmental Service Company



THE PROJECT'S INTERVENTIONS AND IMPACTS

The project has supported by:

- » Conducting capacity building training on RECP and Industrial Symbiosis for company technical staff
- » Conducting RECP assessment by project experts
- » Proposing solutions to improve resource efficiency and production efficiency of companies

Proposed by the project

<ul style="list-style-type: none"> ■ Investing in a centralized energy monitoring system 	<ul style="list-style-type: none"> ■ Minimizing equipment operation during peak hours
<ul style="list-style-type: none"> ■ Issuing regulations for periodically checking and fixing compressed air leaks 	<ul style="list-style-type: none"> ■ Investing in a new air compressor
<ul style="list-style-type: none"> ■ Optimizing and renovating the steam system 	<ul style="list-style-type: none"> ■ Adjusting the boiler excess air coefficient

Solution type	Potential benefits	Implemented results
 <p>Save energy</p>	<p>6 solutions to reduce electricity consumption 37,290 kWh/year; Wood 347.5 ton/year; (equivalent to 611.1 t CO₂/year), Saving 708.42 million VND/year (30,145 USD/year)</p>	<p>3 solutions to reduce wood consumption: 115 ton/year (equivalent to 185t CO₂/year); Saving 172,5 million VND/year (5,455 USD/year)</p>
 <p>Other benefits</p>	<ul style="list-style-type: none"> ■ Raising awareness among company managers and workers regarding the use of electricity and water ■ RECP solutions are being studied and evaluated for technical feasibility 	