



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION



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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: YTG VINA COMPANY

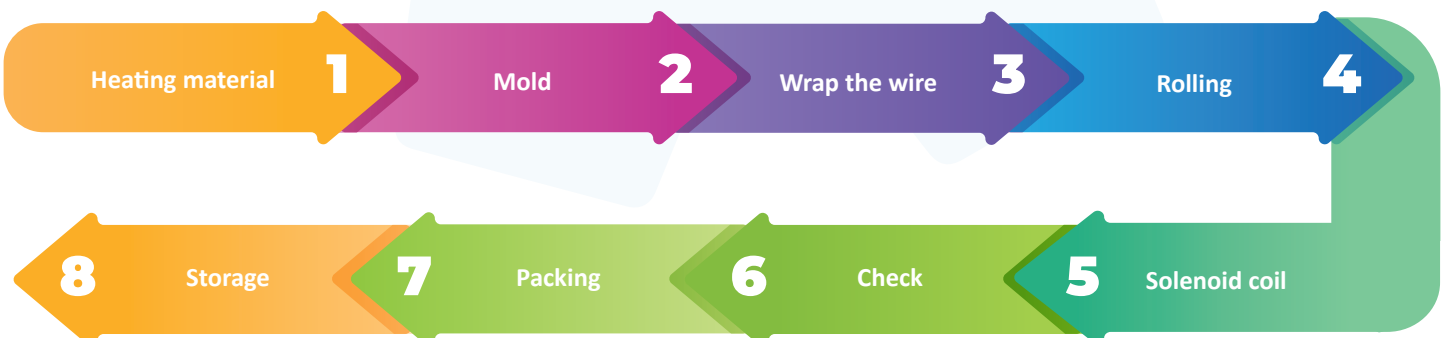
Address: Lot CN3.4A, Dinh Vu Industrial Park, Dinh Vu – Cat Hai Economic Zone, Dong Hai 2 Ward, Hai An District, Hai Phong City, Vietnam

Key Product: Electronic cable

Number of workers: 127 people

Working day: 08 hour/day

PRODUCTION PROCESS



TYPES OF WASTE

Wastewater

- » Mainly domestic wastewater and wastewater in the production process. Capacity wastewater treatment system is 20m³/day

Solid waste

- » Scrap paper and plastic; a small amount of domestic solid waste and normal industrial solid waste




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"> ▪ Increasing transformer voltage 	<ul style="list-style-type: none"> ▪ Installing inverter for plastic injection/molding machines
<ul style="list-style-type: none"> ▪ Repairing and fixing compressed air leakage 	<ul style="list-style-type: none"> ▪ Reducing machine setting pressure for air compressor to 6.0 bar
<ul style="list-style-type: none"> ▪ Installing inverters for air compressors 	<ul style="list-style-type: none"> ▪ Enhancing thermal insulation of hot surfaces
<ul style="list-style-type: none"> ▪ Raising awareness for workers: turning off lights, ceiling fans when not using/lunch time 	<ul style="list-style-type: none"> ▪ Reducing hand wash faucet flow to 6 liters/min
<ul style="list-style-type: none"> ▪ Replacing the watering hose with a smaller one and having a sprinkler head 	<ul style="list-style-type: none"> ▪ Strengthening the inspection of water leakage

Solution type	Potential benefits	Implemented results
 Save energy	7 solutions to reduce electricity consumption 1,195,169 kWh/year (equivalent to 960.04 t CO ₂ /year), to save 2.48 billion VND/year (105,787 USD/year).	1 solution to reduce electricity consumption 4,678 kWh/-year (equivalent to 3.77 t CO ₂ /year), to save 9.37 million VND/year (398.7 USD/year).
 Save water	4 solutions to save 10,060 m ³ water/year; Save 258 million VND/year (10,978 USD/year)	
 Other benefits	<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 	