



**RESOURCE EFFICIENT
AND CLEANER PRODUCTION**

**MOWI VIETNAM CO., LTD
AMATA 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: MOWI VIETNAM CO., LTD
Address: 102/6 Street 2, Amata Industrial Park, Long Binh Ward, Bien Hoa City, Dong Nai Province
Product: Salmon and Tuna
Number of workers: 577 people

PRODUCTION PROCESS



TYPES OF WASTE

Wastewater

- » Mainly wastewater from fish washing and processing; and domestic wastewater

Solid waste

- » Mostly fish head, fish bones, fish intestines, fish skin, and domestic 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

■ Optimizing condenser fan inverter setting	■ Reducing the height of the cold storage door
■ Investing in automatic opening/closing cold storage doors	■ Optimizing evaporator de-icing in cold storage
■ Increasing insulation of refrigerant pipes	■ Operating IQF properly
■ Enhancing cleaning and maintenance of air compressor filters	■ Saving electricity on air conditioners
■ Saving lighting energy	■ Replacing the watering hose with a smaller one and having a sprinkler head
■ Strengthening water system maintenance: checking and repairing leaks, overflowing wastewater	■ Investing in rooftop solar systems

Solution type	Potential benefits	Implemented results
 Save energy	11 solutions to reduce electricity consumption 414,444 kWh/year; (equivalent to 2,160 t CO ₂ /year), Saving 867.03million VND/year (36,893 USD/year)	4 solutions to reduce electricity consumption 64,771 kWh/year (equivalent to 52.1 CO ₂ /year); Saving 129.5 million VND/year (5,512 USD/year).
 Save water	2 solutions to save 2,160 m ³ water/year; Save 38.15 million VND/year (1,623 USD/year)	No solution to save water implemented
 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 	