



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.

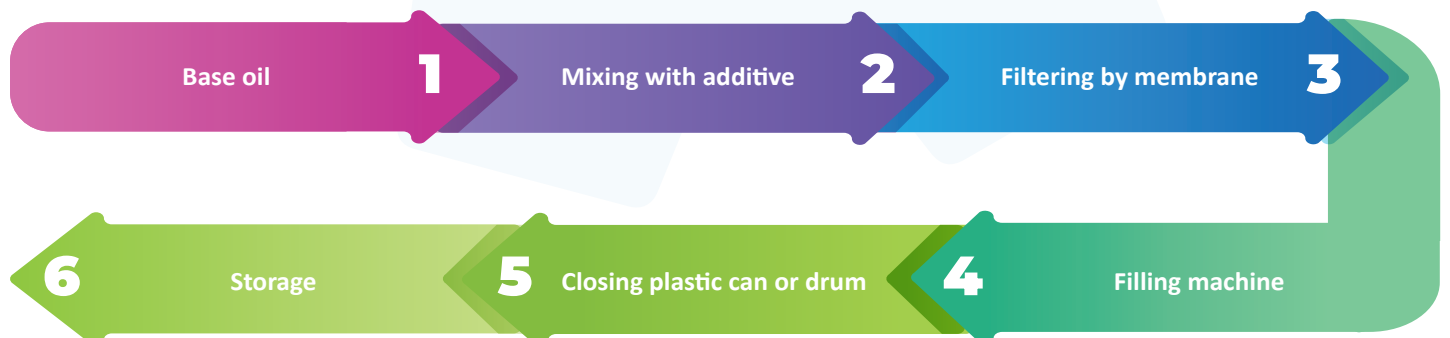
The project supports over 100 tenant companies in pilot industrial parks in implementing Resource Efficient and Cleaner Production (RECP) practices. These efforts aim to enhance the quality of life for workers and promote sustainable production.

## COMPANY INFORMATION



**Company Name:** IDEMITSU LUBE VIETNAM COMPANY  
**Address:** Lot CN 5.2E, Dinh Vu Industrial Park, Dong Hai 2 Ward, Hai An District, City. Hai Phong  
**Key Product:** Lubricant  
**Number of workers:** 126 people  
**Working day:** 300 days/year

## PRODUCTION PROCESS



## TYPES OF WASTE

### Wastewater

- » Wastewater is generated from washing process and domestic wastewater

### Solid waste

- » Damaged packaging plastic or tin, and domestic 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"> <li>▪ Optimizing ventilation of the air compressor room</li> </ul>	<ul style="list-style-type: none"> <li>▪ Enhancing cleaning of the air compressor filter</li> </ul>
<ul style="list-style-type: none"> <li>▪ Optimizing air compressor operation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Reducing the air compressor setting pressure</li> </ul>
<ul style="list-style-type: none"> <li>▪ Turning off unnecessary light bulbs</li> </ul>	<ul style="list-style-type: none"> <li>▪ Recovering condensate</li> </ul>
<ul style="list-style-type: none"> <li>▪ Enhancing hot surface insulation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Reducing hand wash faucet flow to 6 liters/min</li> </ul>
<ul style="list-style-type: none"> <li>▪ Replacing watering pipes and equipping rain sprinklers</li> </ul>	

Solution type	Potential benefits	Implemented results
 Save energy	<b>7 solutions</b> to reduce electricity consumption 47,630 kWh/year (equivalent to 38.62 t CO <sub>2</sub> /year), to save 97.19 million VND/year (105,787 USD/year)	<b>2 solutions</b> to reduce electricity consumption 10,615.7 kWh/year (equivalent to 8.54 t CO <sub>2</sub> /year), to save 21.26 million VND/year (904 USD/year)
 Save water	<b>2 solutions</b> to save 512 m <sup>3</sup> water/year; Save 17.9 million VND/year (761.7 USD/year)	<b>1 solution</b> to save 157.25 m <sup>3</sup> water/year; Save 5,49 million VND/year (234 USD/year)
 Other benefits	<ul style="list-style-type: none"> <li>▪ Raising awareness among company managers and workers regarding the use of electricity and water</li> <li>▪ RECP solutions are being studied and evaluated for technical feasibility</li> </ul>	