What is an eco-industrial park?

An eco-industrial park can be defined as “a community of manufacturing and service businesses located together on a common property. Member businesses seek enhanced environmental, economic, and social performance through collaboration in managing environmental and resource issues”. In this regard, compliance with national and local regulations is the baseline for all industrial parks.

In short, the eco-industrial parks are about creating more resource-efficient and cost-effective industrial parks which are more competitive, attractive for investment and risk resilient.

From industrial to eco-industrial

An industrial park or industrial estate is an area zoned for industrial development. Industrial parks are drivers of industrialization and prosperity and can foster: rapid economic development; the transfer and adaptation of technologies; and the creation of knowledge and skills. To become an eco-industrial park, an industrial park must demonstrate:

▸ higher standards of environmental and social responsibility,
▸ resource efficient production methods and
▸ reuse of waste energy and waste materials.
Project overview

Project title: Global Eco-Industrial Parks Programme - Ukraine: country-level intervention

Total budget: 1,675,614 Euro

Donor: Swiss State Secretariat for Economic Affairs (SECO)

Implementing agency: United Nations Industrial Development Organization (UNIDO)

Government coordinating agency: Ministry of Economy of Ukraine

Industrial parks targeted for demonstration:
▸ Bilotserkivskyi Vantazhnyi Aviatsiinyi Kompleks (BVAK) in Bila Tserkva,
▸ Agromash in Zaporizhzhia,
▸ Patriot in Sumy,
▸ Molfar in Teresva,
▸ Kalush Industrial HUB in Kalush.

Duration: 5 years (2020-2024)

Project objective:
To demonstrate the viability and benefits of eco-industrial park (EIP) approaches in scaling up resource productivity and improving economic, environmental and social performances of businesses and thereby contribute to inclusive and sustainable industrial development in Ukraine.

The expected outcome is the improved environmental, economic and social performance of industries in Ukraine through the implementation of EIP approaches in selected pilot industrial parks and an increased role of EIPs in environmental, industrial and other relevant policies at the national level.

Eco-Industrial Parks

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
5 GENDER EQUALITY
13 CLIMATE ACTION
6 CLEAN WATER AND SANITATION
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
8 DECENT WORK AND ECONOMIC GROWTH
7 AFFORDABLE AND CLEAN ENERGY
The UNIDO implementation approach for eco-industrial parks

**Companies**
- Resource Efficient and Cleaner Production (RECP):
  - Low-carbon technology
  - Green chemistry
  - Renewable energy
  - Energy efficiency

**Industrial Park**
- Collective resource efficiency solutions and shared:
  - Resources
  - Infrastructure
  - Supply
  - Services

**Sustainable Cities**
- Sustainable symbiosis:
  - Waste Management
  - Recycle
  - Corporate Social Responsibility

- Scope interventions to identify and prioritize EIP activities.
- Raise awareness among key stakeholder groups in private and public sectors of the benefits and added value of EIPs and associated implementation processes.
- Provide policy support to translate the EIP concept and associated practices into national policies and government decision-making processes.
- Develop and advise on park management structures to take care of topics required to develop and operate an industrial park sustainably, to attract investments and to provide attractive working conditions.
- Provide technical support to upscale resource efficiency and industrial synergies/symbiosis. RECP and industrial synergies increase efficiency and reduce risks to humans and the environment.
- Undertake performance monitoring and benchmarking to track progress of EIPs against set objectives.
- Develop capacity building of key stakeholders throughout the entire development of EIPs (technical and non-technical capacities).
- Contribute to local community/city to enhance well-being of local population and overall regional development.
- Industrial urban symbiosis foster inclusive and sustainable development through outward integration.
Industrial parks targeted by the project

Sustainable Cities
Sustainable symbiosis:
• Waste Management
• Recycle
• Corporate Social Responsibility

https://geipp-ukraine.org/

IP Kalush Industrial HUB, Kalush
IP BVAK, Bila Tserkva
Kyiv
IP Patriot, Sumy
IP Molfar, Teresva
IP Agromash, Zaporizhzhia
The benefits of EIPs

Industrial synergies through which companies benefit from greater collaboration

Reduced environmental impact through resource efficient and cleaner production (RECP) practices

Greater collaboration between companies, government and service providers.

Tenant companies and management are enabled to turn environmental problems into solutions

Collaboration with surrounding communities

Increased competitiveness, business development, production continuity and a better reputation with key stakeholders

Contacts:
info@geipp-ukraine.org

UNIDO Headquarters
Vienna International Centre
P.O. Box 300 – 1400 Vienna
Austria
Tel. +431260263035

Kyiv,
Ukraine
Tel. +38 (093) 774 90 61