

## **Batumi Initiative on Green Economy (BIG-E) Actions by Ukraine**

**Country: Ukraine. The Ministry of Economic Development and Trade**

***Title:***

**Roadmap of the development of an eco-industrial parks model in accordance with the principles of the circular economy and resource-efficient production.**

*Focus area 5 and 7:* Expansion of net physical capital for sustainable production models; and increasing the number of ecological and decent jobs while developing the necessary human capital.

***Description of the action:*** In Ukraine, at the local level, there are many unresolved problems of environmental pollution and ineffective use of natural resources and production capacity. Development of an eco-industrial parks (EIP) and transformation of the existing industrial parks (IPs) in accordance with the principles of the circular economy and resource-efficient production will be done via adaptation of the Ukrainian basis to the European model. This will help more effectively use potential of IPs under decentralized management and solve the problem of clean environment, creation of added value and new jobs in the region.

The Roadmap should determine the areas of actions of the state and local authorities, as well as tools for motivating enterprises participating in IPs to work under industrial symbiosis conditions. It is necessary to develop approaches for the transformation of existing IPs into EIPs, and the creation of new EIPs in the regions, based on studying flows of input-output material resources circulating or could be circulating between enterprises, their optimisation and assessing the opportunities enterprises cooperation taking into account international experience.

***Action's timeframe/milestones, as appropriate:*** The Roadmap will be developed in 2018. Recommendations on adaptation to the conditions of Ukraine approaches to the analysis and evaluation of material flows, their optimization, and also the organization of interaction of enterprises-participants of the EIT on the principles of industrial symbiosis will be developed in 2018.

Draft amendments to the Law of Ukraine "On Industrial Parks" - by the end of 2019.

***Type of action:*** Regulatory, economic, legal, capacity-building.

***Economic sectors:*** Economy-wide

***Reference instruments and sources, as appropriate:*** Law of Ukraine "On Industrial Parks" (2012 p) and amendments to it.

Establishment of a regional network of industrial parks and provision of state support to the entities that create such parks is determined by the State Strategy of Regional Development until 2020 as one of the priority directions of development of regions

The network of industrial parks in Ukraine as of 11.02.2017

<https://goo.gl/tJK8bj>

***Expected co-benefits and impact of the outcome:*** Ecological: improving the efficiency of the use of materials, energy, water, by-products of production, closure of material cycles,

Social: professional development of experts specialising in the implementation of RECP and industrial symbiosis, dissemination of knowledge among specialists and the population.

Economic: supporting the economy of the regions, in particular industry, reduction of production costs and wastes, technological modernization, increase of competitiveness of enterprises.

***SDGs target(s) that the action may contribute to implement:*** Goal 12 “Responsible consumption and production”

Goal 11 “Sustainable cities and communities”

***Implementation of Environmental Performance Review (EPR) Recommendations, as appropriate:***

***Objectively verifiable indicators, as appropriate:*** Reduction of consumption of material (non-energy) resources, energy, water and wastes by enterprises within the eco-industrial park. Improvement of the ecological situation in the region.

***Partners:*** The Ministry of Ecology and Natural Resources

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