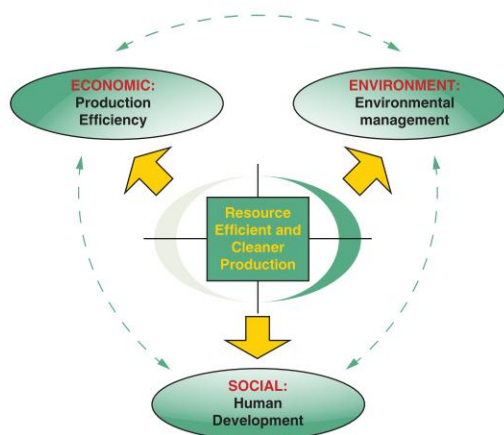


## WHAT IS RECP

Cleaner production was first launched in the early 1990's to foster a preventative approach to reduce and where possible eliminate the generation of waste and emissions from enterprises. The importance of preventive environmental management for achieving compliance with environmental laws and regulations has been strongly embedded, among others in the EUs Integrated Pollution Prevention and Control (IPPC) Directive. Yet, Cleaner Production methods and techniques typically go much beyond mere compliance issues, through conservation of materials, energy and water. Hence UNIDO introduced the enlarged approach of RECP in 2008. It applies preventive environmental techniques and total productivity management practices to achieve:

- Productive use of natural resources – reduction of the use of materials, water and energy;
- Minimization of environmental impacts through reduction of generation of Greenhouse Gases and other emissions and wastes; and
- Promoting and protecting human health through improvements in occupational health and safety.



## PROJECT TEAM

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**EaP GREEN**  
Partnership for Environment and Growth



Programme carried out with the financial assistance of the European Union



## GREENING ECONOMIES IN THE EUROPEAN UNION'S EASTERN PARTNERSHIP COUNTRIES PROGRAMME - EaP GREEN -

## UNIDO RESOURCE EFFICIENT AND CLEANER PRODUCTION (RECP) Demonstration project in Ukraine

Responsible partner-organization

Executive organization in Ukraine



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION





## ABOUT THE EAP GREEN PROGRAMME

The “Greening Economies in the Eastern Neighbourhood” (EaP GREEN) programme is a means for Eastern Partnership (EaP) countries to move towards green economy by decoupling economic growth from environmental degradation and resource depletion. Duration period of the Programme is four years (2013-2016).

EaP GREEN targets six Eastern neighbours of the European Union: Armenia, Azerbaijan, Belarus, Georgia, Moldova, and Ukraine.

**The Programme is structured around three components:**

1. Governance and financing tools for promoting sustainable consumption and production (SCP) and green economy.
2. Strategic Environmental Assessment (SEA) and Environmental Impact Assessment (EIA) accompanying SCP policy implementation.
3. Demonstration projects of Resource Efficiency and Cleaner Production (RECP) implementation, dissemination and replication.

EaP GREEN is financially supported by European Commission and jointly implemented by four international organizations OECD, UNEP, UNECE, and UNIDO. Additional support is provided by other countries, including Austria, Norway, Switzerland, and the Netherlands.

The EaP GREEN programme builds on a multicultural team composed of staff members in all four international organizations, which are participating in the programme. They are economists, policy analysts, statisticians and other support staff.

### Did you know

...that since 1994, UNIDO and UNEP have supported over 50 transition and developing countries in their implementation of cleaner production and resource efficiency.

## RECP DEMONSTRATION PROJECT

The UNIDO Regional RECP Demonstration Component Projects are a part of the Regional Action of the European Union to support the greening of economies in the EaP countries.

**The UNIDO component supports in each of the six EaP countries individually as well as regionally:**

- Creation of human and institutional capacities for RECP;
- Demonstration, dissemination and replication of RECP in priority sectors (chemicals, food and construction materials); and
- Transfer of and investment in RECP technologies.

Despite the favourable overall business case, in particular small and medium enterprises (SMEs) face a range of barriers to implementing RECP, including trustworthy information, advisory services, technology and finance.

UNIDO Regional RECP Demonstration Projects can support enterprises with the identification, evaluation, and implementation of appropriate RECP solutions and improve resource productivity and environmental performance of businesses at the national and local levels.



### Did you know

...that key sectors where SMEs have a particularly significant environmental impact include livestock farming, construction, metal finishing, waste treatment, food and drink industry, textile and leather manufacturing.

## PROJECT OBJECTIVES AND ACTIVITIES

To harness the potential for economic, environmental and social benefits through widespread RECP implementation, the project supports the mainstreaming and scaling-up of RECP in the beneficiary countries, through the following three clusters of activities:

- Train a pool of national experts in RECP methods and techniques, and develop mechanisms for their service delivery to enterprises and other organizations;
- Support enterprises and other organizations in target sectors with implementation of RECP methods and techniques to achieve environmental and economic benefits;
- Support the transfer and deployment of key enabling technologies/equipment for RECP in the target sectors.

## PROJECT IN UKRAINE

In Ukraine the UNIDO Demonstration project focuses on construction materials' sector as it has good development potential. Moreover, construction materials are overall fundamental for greening of buildings and sustainable urban and infrastructure development.

During the period of EaP GREEN programme RECP assessment of about 15 construction materials production SMEs is expected. Implementation results, with associated economic and environmental benefits, will be documented using a standard set of enterprise level indicators and will be widely disseminated. Based on the findings at enterprise level, technology gap analysis will be undertaken and common technology needs will be identified. Appropriate technology solutions will then be sourced and promoted, including through development and promotion of business and investment plans.

It is worth mentioning that in Ukraine EaP GREEN is supported by two National Focal Points from Ministry of Ecology and Natural Resources and Ministry of Economic Development and Trade.