



ევროკავშირი
საქართველოსთვის
The European Union for Georgia

EU4Environment

Armenia, Azerbaijan, Belarus, Georgia, Republic of Moldova, Ukraine

Training

Workshop for Resource-Efficient and Cleaner Production Experts

AGENDA

Georgia

**21 December 2020
21-22 January 2020**

Action implemented by:



Start: 11:00 GET

End: 16:00 GET

Format: online video conference

Language: English (with interpretation in Georgian)

Background

Currently, one of the most important approaches to improving the production and environment-related activities of enterprises is the introduction of resource efficient and cleaner production (RECP). This approach is based on an ongoing assessment of the companies' potential to save resources, energy and materials, to prevent overspending by cutting down emissions which discharge pollutants into the environment, and to reduce waste generation, which, above all, immensely contributes to the reduction of economic costs of enterprises.

Resource Efficiency and Cleaner Production (RECP) is used as an umbrella term for the application of several preventive environmental strategies in order to achieve the triple aims of production efficiency, environmental management, and human development. The RECP Programme builds national capacities, fosters dialogue between industries and the government, and facilitates investments for the transfer and adaptation of Environmentally Sound Technologies.

In this sense, the United Nations Industrial Development Organization (UNIDO) has developed the RECP methodology, which is used by enterprise specialists and experts in the field of environmental management to identify sources of losses of all types, identify the root causes of such losses, and to develop and assess the feasibility of a company's activities by reducing or completely eliminating the identified resource losses.

The RECP training and coaching programme aims to build awareness for the trainees on the principles of the RECP methodology. The RECP programme shall consist of a set of training sessions and coaching activities that will develop the respective RECP capacities among Georgian professionals and demonstrate its benefits at selected production companies. It consists of three blocks, each of which designed to provide knowledge and tools for the RECP assessment of manufacturing SMEs in Georgia. Those blocks are organized with about 1,5-2 months apart to allow the experts to collect and analyze the available data on resource consumption and make the appropriate inferences. The current agenda is dedicated to the first block of the training program, which, in turn, is also divided in two parts.

The current Agenda refers to the introduction workshop of the first block of the RECP training programme.

Purpose and outcomes of the Training

To ensure a wider application of the RECP methodology in Georgia, a local market of service providers should be developed to include sufficient advocacy for building local capacities and skills.

The purpose of the RECP Training Programme is to provide hands-on experience and advanced training on the application of the RECP methodology to the RECP trainees, and to demonstrate companies teams/representatives the benefits and opportunities brought forth by RECP.

As a result of the training program, the trainees will be able to understand the principles of the methodology, and to apply them in manufacturing enterprises. The development of a local expertise is one important means for ensuring long-term results and the application of RECP long beyond the duration of the EU4Environment Action.

Initially, the participants of the RECP Programme will need guidance and support, as the various activities will be implemented in close contact with the international trainers and national implementing partner (NIP) expert. They will be introduced and familiarized with different tools (presentations, templates, worksheets etc.). At the end of the Programme period, the trainees will be able to implement a full-scale RECP assessment by themselves.

The training programme will give the participants the required capacity to develop their In-plant Assessment Reports for the RECP assessment of a concrete manufacturing enterprise. This interactive RECP training programme will allow the RECP trainees to conduct independent RECP assessments in the future.

As a result of the overall training program, the participants will learn:

- What RECP is
- How to assess the efficiency of production processes and identify opportunity areas
- Good RECP practices – energy efficiency, water, and material management
- RECP projects development
- Business planning and obtaining financing

Participants

The participants will consist of specialists working in environmental management, engineering (chemical, industrial) or related fields, who applied to the training programme. The representatives of the selected manufacturing sectors where the demonstration of RECP assessments is to take place, are also taking part in the training programme. The trainee professionals will then apply the obtained knowledge at the demonstration companies.

Registration

The tentative number of participants for every workshop is about 30 persons.

The participation link is the following:

<https://unido.zoom.us/j/95584511461?pwd=NHZzQ3ISaUFWRHZmSHpQM0xMZVdqUT09>

A recording of the workshop will be made available as a training video for the wider audience, upon the completion of the course.

About the EU4Environment

The EU4Environment Action aims to help the six partner countries: Armenia, Azerbaijan, Belarus, Georgia, Republic of Moldova, and Ukraine to preserve their natural capital and increase people's environmental well-being, by supporting environment-related action, demonstrating and unlocking opportunities for greener growth, and setting mechanisms to better manage environmental risks and impacts.

The Action is funded by the European Union and implemented by five Partner Organisations: OECD, UNECE, UNEP, UNIDO and the World Bank based on a budget of some EUR 20 million. The Action's implementation period is 2019-2022. More information: www.eu4environment.org

Agenda of RECP Training in Industry (Georgia)

Time (GET)	Item
DAY 1	21 December 2020
10:30-11:00	Registration
11:00-11:30	<p>Welcoming remarks:</p> <p>David Advadze-UNIDO NFP, Ministry of Economy & Sustainable Development; (TBC)</p> <p>Tatiana Chernyavskaya- Project Coordinator, Industrial Resource Efficiency Division, Department of Environment, UNIDO</p> <p>Welcome note and review of previous RECP activities in Georgia</p> <p>Malkhaz Adeishvili - EU4Environment National Action Coordinator</p> <p>Presentation of the project "Provision of strategic support and advisory services on applying RECP and on introducing circular economy principles in Georgia"</p> <p>George Abulashvili, National Project Coordinator, UNIDO project "Resource Efficient & Cleaner Production and Eco-innovation among SMEs"</p>
11:30-11:45	<p>Introduction to RECP</p> <p>Sergei Fashevsky, International RECP Trainer</p>
11:45-12:15	<p>Good projects examples – RECP</p> <p>Nodar Kevkhishvili, Energy Efficiency Centre Georgia</p>
12:15-12:20	<p>Brief intro presentations by participants</p> <p>Konstantine Barjadze, Energy Efficiency Centre Georgia</p>
12:20-13:00	<p>Presentations by participants</p> <p>5 min for a trainee or company</p>
13:00-13:20	Coffee break
13:20-14:00	<p>RECP working method presentation</p> <p>Sergei Fashevsky, International RECP Trainer</p>
14:00-14:30	What is RECP - Case-study

	Sergei Fashevsky, International RECP Trainer Dmitriy Laznenko, International RECP Trainer
14:30-15:15	Presentations by participants– Continued 5 min for a trainee or company
15:15-15:30	Homework Konstantine Barjadze, Energy Efficiency Centre Georgia

Time GET)	Item
DAY 2	Date: 21 January 2021 Place: Webinar
11:30-12:00	Registration
12:00-12:30	Introduction and groups presentation <i>Konstantine Barjadze, Energy Efficiency Centre Georgia</i>
12:30-13:30	Waste identification, Group Work <i>Dmitriy Laznenko, International RECP Trainer</i>
13:30-14:00	Team and motivation <i>Sergei Fashevsky, International RECP Trainer</i>
14:00-14:15	Coffee break
14:15-15:05	Planning and organisation, Group Work <i>Dmitriy Laznenko, International RECP Trainer</i>
15:05-15:35	Baseline and indicators <i>Sergei Fashevsky, International RECP Trainer</i>
15:35-16:20	Flowsheet, Group Work <i>Dmitriy Laznenko, International RECP Trainer</i>
16:20-16:30	Summing up and close of day 1 <i>Konstantine Barjadze, Energy Efficiency Centre Georgia</i>

Time GET)	Item
DAY 3	Date: 22 January 2021 Place: Webinar
11:30-12:00	Registration
12:00-12:30	Initial assessment <i>Sergei Fashevsky, International RECP Trainer</i>
12:30-13:00	Templates for data collection and reporting <i>Dmitriy Laznenko, International RECP Trainer</i>
13:00-13:30	Mass- and energy flows <i>Sergei Fashevsky, International RECP Trainer</i>
13:30-14:15	Mass and energy flow, Group Work <i>Dmitriy Laznenko, International RECP Trainer</i>
14:15-14:30	Coffee break

14:30-14:50	Ideas generation, Case study <i>Sergei Fashevsky, International RECP Trainer</i>
14:50-15:00	Ideas generation, Group Work <i>Dmitriy Laznenko, International RECP Trainer</i>
15:00-15:15	Ideas generation, Work tools <i>Dmitriy Laznenko, International RECP Trainer</i>
15:15-15:40	Homework introduction, discussions, summing up and close of training session 1 <i>Konstantine Barjadze, Energy Efficiency Centre Georgia</i>