



ევროკავშირი  
საქართველოსთვის  
The European Union for Georgia

**EU4Environment**

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

## Second Training Workshop for Resource-Efficient and Cleaner Production Experts

### AGENDA

#### Georgia

15 April 2021  
May, 2021

Start: 12:00 (GMT+4)  
End: 17:00 (GMT+4)

Format: online video conference  
Language: English (with interpretation in Georgian)

Action implemented by:



## Background

Resource Efficient and Cleaner Production (RECP) is used as an umbrella term for the application of preventive environmental strategies. The United Nations Industrial Development Organization (UNIDO) has developed the RECP methodology that helps to identify sources of losses of all types of resources used by the enterprise, identify the root causes of such losses, develop and assess the feasibility of activities aimed at reducing or completely eliminate the identified resource losses.

RECP training and coaching programme aims to provide hands-on experience and advanced training on application of the RECP methodology, as well as to demonstrate the benefits and opportunities brought forth by RECP.

The Overall Trainings Programme consists of a one-day Information Seminar, two training workshops lasting for two and three days correspondingly, and a third workshop of two days focusing on the results and presentation of In-Plant Assessment Reports as well as coaching activities. The Information Seminar and the training session 1 have been already performed in December 2020-February 2021 period.

As a part of the homework, each team has performed the initial company visit and initial production assessment in the period February-April 2021.

This note comprises purpose and outcomes of the training workshop 2, detailed Agenda of the one-day session on 15 of April 2021 and the outline of the subjects for the two-days session in May 2021.

## Purpose and outcomes of the training workshop 2

Specific objective at this stage is to learn and develop practical skills on the detailed RECP assessment in accordance to UNIDO RECP methodology, and covers all subjects in the UNIDO modules 6-12, including:

- Scope of RECP detailed assessment
- Specific aspects of mass-, water-, energy balance
- Cause-root analysis and options generation techniques
- How to perform technical, economic and environmental feasibility assessments
- Business planning techniques
- How to link RECP to management systems

The training workshop 2 will comprise of two distinct events:

- One day online training focused at performing the detailed RECP assessment
- Two-days online training sessions focused at feasibility assessment and implementation of RECP measures

## Coaching activities:

They will be given sufficient time, approximately one month in-between the two sessions, to continue the development of their projects based on the skills obtained and advice given at the previous session.

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Individual consultations would be arranged with each team prior to both online trainings. The following issues would be addressed:

- Clarification on the tools and templates (pre-assessment checklist, root-cause analysis, checklist for RECP measures assessment)
- Review of the completed sections of the in-plant assessment report
- Verification or sources of data
- Need for clarifications and collection of missing data
- Identifying steps for the detailed assessment
- Present hint for the final presentations

### Participants

Specialists working in environmental management, engineering (chemical, industrial, environment, or related fields) who decided to be trained in RECP methods and their applications as well as the representatives of those demonstration companies which were selected for RECP assessments to be performed within the project. The company representatives will be invited for participation in specific events of the trainings sessions devoted to the discussions of the company related issues

### Meeting details

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

Link to join the meeting <https://zoom.us/j/91708128182>

Meeting ID: **917 0812 8182**

Passcode: **118303**

### About the EU4Environment Action

The “European Union for Environment” (**EU4Environment**) Action aims to help the six partner countries: Armenia, Azerbaijan, Belarus, Georgia, Republic of Moldova, Ukraine 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 organizations: OECD, UNECE, UNEP, UNIDO and the World Bank based on a budget of some EUR 20 million. The Action implementation period is 2019-2022. More information: [www.eu4environment.org](http://www.eu4environment.org)

## Agenda of the Second RECP Training (Georgia)

### Day 1- Detailed RECP Assessment

TIME (GTM+4)	ITEM
	<b>Date: 15 April 2021      Place: Webinar</b>
<b>11:45-12:00</b>	<b>Registration</b>
<b>12.00 - 12.30</b>	<b>Short welcome and introduction</b> <i>George Abulashvili - EU4Environment RECP National Coordinator</i> <i>Sergei Fashevsky, International RECP Trainer</i>
<b>12.30 - 13.30</b>	<b>Presentation of homework (all teams)</b> <i>5 min for each assessment/company</i> <i>Moderated by Konstantine Barjadze, Energy Efficiency Centre – Georgia</i> <i>Nodar Kevkhishvili, Energy Efficiency Centre - Georgia</i>
<b>13.30 – 14.00</b>	<b>Feedback from the company visits and individual consultations</b> <i>Konstantine Barjadze, Energy Efficiency Centre – Georgia</i> <i>Nodar Kevkhishvili, Energy Efficiency Centre – Georgia</i> <i>Dmitriy Laznenko, International RECP Trainer</i>
<b>14.00 - 14.20</b>	<b>Coffee break</b>
<b>14.20 - 15.00</b>	<b>Detailed assessment: preparing and mass and energy balances</b> <i>Sergei Fashevsky, International RECP Trainer</i>
<b>15.00 - 15.20</b>	<b>Ideas generation: cause-root analysis</b> <i>Sergei Fashevsky, International RECP Trainer</i>
<b>15.20 – 15.40</b>	<b>Presentation of templates and tools for cause-root analysis</b> <i>Dmitriy Laznenko, International RECP Trainer</i>
<b>15.40 – 16.40</b>	<b>Ideas generation, Group Work</b> <i>Konstantine Barjadze, Energy Efficiency Centre – Georgia</i> <i>Nodar Kevkhishvili, Energy Efficiency Centre – Georgia</i> <i>Dmitriy Laznenko, International RECP Trainer</i>
<b>16.40 – 16.55</b>	<b>Homework introduction, discussions, summing up and close of training session 1</b> <i>Konstantine Barjadze, Energy Efficiency Centre - Georgia</i>

**The Second RECP Training (Georgia)**  
**Training sessions Days 2-3 (online training in May 2021)**  
**Day 2- Detailed RECP Assessment (tentative)**

TIME (GTM+4)	ITEM
	<b>Date: TBD      Place: Webinar</b>
<b>11:45-12:00</b>	<b>Registration</b>
<b>TBD</b>	<b>Short welcome and introduction</b> <i>George Abulashvili - EU4Environment RECP National Coordinator</i> <i>Sergei Fashevsky, International RECP Trainer</i>
<b>TBD</b>	<b>Presentation of homework (all teams)</b> <i>5 min for each assessment/company</i> <i>Moderated by Konstantine Barjadze, Energy Efficiency Centre – Georgia</i> <i>Nodar Kevkhishvili, Energy Efficiency Centre - Georgia</i>
<b>TBD</b>	<b>Feedback individual consultations</b> <i>Konstantine Barjadze, Energy Efficiency Centre – Georgia</i> <i>Nodar Kevkhishvili, Energy Efficiency Centre – Georgia</i> <i>Dmitriy Laznenko, International RECP Trainer</i>
<b>TBD</b>	<b>Coffee break</b>
<b>TBD</b>	<b>Ideas generation example (2)</b> <i>Dmitriy Laznenko, International RECP Trainer</i>
<b>TBD</b>	<b>Opportunities to save – materials and waste</b> <i>Sergei Fashevsky, International RECP Trainer</i>
<b>TBD</b>	<b>Opportunities to save – energy efficiency</b> <i>Sergei Fashevsky, International RECP Trainer</i>
<b>TBD</b>	<b>Opportunities to save – water efficiency</b> <i>Dmitriy Laznenko, International RECP Trainer</i>
<b>TBD</b>	<b>Chemicals management</b> <i>Dmitriy Laznenko, International RECP Trainer</i>
<b>TBD</b>	<b>Available opportunities for RECP financing</b> <i>TBD</i>

### Day 3- Feasibility assessment and management systems (tentative)

TIME (GTM+4)	ITEM
	Date: TBD      Place: Webinar
11:45-12:00	
TBD	<b>Feasibility assessment – technical and environmental feasibility</b> <i>Sergei Fashevsky, International RECP Trainer</i>
TBD	<b>Converting ideas to RECP measures. Group-work</b> <i>Konstantine Barjadze, Energy Efficiency Centre – Georgia</i> <i>Nodar Kevkhashvili, Energy Efficiency Centre – Georgia</i> <i>Dmitriy Laznenko, International RECP Trainer</i>
TBD	<b>Feasibility assessment – financial analysis</b> <i>Sergei Fashevsky, International RECP Trainer</i>
TBD	<b>Coffee break</b>
TBD	<b>Costing investments and savings of the RECP measures. Group-work</b> <i>Dmitriy Laznenko, International RECP Trainer</i>
TBD	<b>Projects implementation and management</b> <i>Sergei Fashevsky, International RECP Trainer</i>
TBD	<b>RECP and management systems</b> <i>Sergei Fashevsky, International RECP Trainer</i>
TBD	<b>Presentation skills</b> <i>Dmitriy Laznenko, International RECP Trainer</i>
TBD	<b>Presentation of templates and tools for feasibility assessment</b> <i>Dmitriy Laznenko, International RECP Trainer</i>
TBD	<b>Homework introduction, discussions, summing up and close of training session 2</b> <i>Konstantine Barjadze, Energy Efficiency Centre - Georgia</i>