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EU 4 Environment

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

“ECOMODERNIZATION OF THE UKRAINIAN INDUSTRY: FROM RESOURCE EFFICIENCY TO CIRCULAR ECONOMY”

National Conference

Wednesday, 16 December 2020

Start: 10:00 EET

End: 14:00 EET

AGENDA

Format: web-based video conference
Languages: Ukrainian and English (with interpretation)

Background

Resource efficiency and circular economy play an important role in the making of environmental and economic policies.

All economic activities consume finite resources in a manner that may negatively impact the livelihoods of people and the environment at the local, regional, and global levels. Overall, the consumption of raw materials generates pollution, depletes the world's natural stock of resources and is the main source of GHG emissions associated with any business activities. Thus, targeting greater efficiencies in the way resources are used can significantly reduce a company's overall contribution to climate change, and can increase the sustainability and longevity of core business operations.

Both the cost and competition for accessing finite resources are growing; hence, this becomes increasingly relevant to business planning and strategy. Cost control and innovative approaches to securing sustainable and economically attractive supply are, or will be, a significant factor for many companies in the short and medium term. This includes the implementation of resource efficient and cleaner production measures.

Resource efficiency means reducing the quantity of inputs needed to produce a unit of output; simply put, doing more with less. Not only does the reduced consumption of inputs (such as raw materials, energy, and water) lead to reduced by-products (including waste, wastewater, air pollution and greenhouse gases per unit of output), it also reduces the demand on the upstream supply of these inputs along with their environmental costs.

The design of consumption and production systems is central to creating resource efficient outcomes, from the choice of resource inputs, to the exchange of waste material becoming feedstock for another, all the way to the recovery of materials at the end of their life. The idea of creating a "circular economy" promotes the transformation of final by-products into inputs which can be useful elsewhere by re-purposing or recycling them.

Resource efficiency and pollution prevention are closely related as the more efficient use of resources would typically reduce pollution risks and impacts.

Globally, resource efficient and cleaner production (RECP) entails the continuous application of preventive environmental strategies to processes, products, and services, in order to increase resource efficiency and reduce risks to humans and the environment.

A circular economy aims to realise resource circulation. It is not a one-way, but rather a circular flow in procurement, production, consumption, disposal through recycling, reuse, reproduction, resource saving product development, and sharing.

The outcomes of RECP and circular economy are the following:

- **ECONOMIC OUTCOME:** increased resource productivity
- **ENVIRONMENTAL OUTCOME:** reduced environmental impact
- **SOCIAL OUTCOME:** improved well-being

Resource efficiency and circular economy allow companies to advance the transition towards inclusive green economies and achieve multiple targets of a number of SDGs, especially SDG 12, essential to building back better, stronger economies. This involves optimizing systems of consumption and production to increase the value of products, materials and resources, as well as to increase their lifespan and minimize the generation of waste.

Both components thus, RECP and circular economy, focus on enhancing resource productivity, competitiveness and environmental performance of industries in Ukraine.

The objectives of the Conference

- presenting and discussing the achieved results of the UNIDO RECP project implemented by the Resource Efficient and Cleaner Production Centre for over 8 years;
- raising awareness and understanding the RECP opportunities and benefits at the national and regional levels among enterprises, government, and civil society;
- discussing the current progress in transfer to green economy;
- discussing industry development towards resource efficiency in Ukraine;
- presenting circular economy principles and practices for companies in the context of the regional EU4Environment Action implemented in Ukraine.

Date and platform

The Conference will be organized on December 16, 2020 from 10:00 to 14:00 Eastern European Time (EET). The Conference will be held with simultaneous interpretation.

Participants

The target audience for this Conference consists of representatives from ministries, international and national organizations, enterprises, associations, financial institutions, universities, NGOs and other stakeholders.

The Conference aims to have at least 60 participants.

About RECP UNIDO project

The UNIDO project “Promoting the adaptation and adoption of RECP through the establishment and operation of a Cleaner Production Centre in Ukraine” aims to enhance resource productivity, competitiveness and environmental performance of industries in Ukraine. It supports the adaptation and adoption of Resource Efficient and Cleaner Production methods, practices, technologies and policies, providing national industries with the necessary tools to facilitate their access to national and regional markets with environmentally sound products, and to improve their ability to successfully negotiate their position in the global market.

In 2013 UNIDO, together with its national partners, has coordinated the registration of the Resource Efficient and Cleaner Production Centre (Centre) as a legal body in Ukraine to facilitate the delivery of technical and educational services to the industrial and municipal organizations. The Centre offers national enterprises highly qualified engineering expertise, helps develop and adopt the technical and technological solutions to different problematic areas in a company, assists in reducing the inefficient consumption of materials and energy, all while increasing general competitiveness. The UNIDO project is implemented in Ukraine with the support of Switzerland and Austria. More information: www.recpc.org

About EU4Environment

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 organisations: OECD, UNECE, UNEP, UNIDO and the World Bank. The Action implementation period is 2019 - 2022. More information: www.eu4environment.org

AGENDA

Moderator of the conference is Ms. Kateryna Romanova, Communication and Advocacy Expert of RECP, Resource Efficient and Cleaner Production Centre

Moderator of the panel discussion #1 is Mr. Viacheslav Bykovets, First Vice President, the Union of Entrepreneurs of Small, Medium and Privatized Enterprises of Ukraine

Moderator of the panel discussion #2 is Ms. Olena Maslyukivska, National Action Coordinator of the EU4Environment Programme in Ukraine, PhD in Economics, Associate Professor, the National University "Kyiv-Mohyla Academy"

Summary of the Agenda December 16, 2020

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| <i>Item 1</i> | Welcoming Remarks |
| <i>Item 2</i> | Panel Discussion #1 "Resource Efficiency is the Way to the Industry Development" |
| <i>Item 3</i> | Panel Discussion #2 "Circular Economy as a Tool for Business Improvement" |

| Time (EET) | Item |
|---------------|---|
| Item 1 | Welcoming Remarks |
| 10:00-10:30 | <p>Ms. Priska Depnering, Deputy Director of Cooperation, Embassy of Switzerland in Ukraine</p> <p>Ms. Olena Koltyk, Director of the Waste Management and Environmental Safety, Ministry of Ecology and Natural Resources of Ukraine</p> <p>Ms. Chloé Allio, Head of Section - Operations - Economic Cooperation, Energy, Infrastructure and Environment, Delegation of the European Union to Ukraine</p> <p>Ms. Petra Schwager, Chief - Energy Technologies and Industrial Applications Division, Department of Energy, Directorate of Environment and Energy, United Nations Industrial Development Organization (UNIDO)</p> |
| Item 2 | Panel Discussion #1 "Resource Efficiency is the Way to the Industry Development" |
| 10:30-10:45 | <p>Mr. Branko Dunjić, Chief Technical Advisor, United Nations Industrial Development Organization (UNIDO) <i>RECP for Sustainable Development</i></p> |

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| 10:45-11:00 | <p>Mr. Andrii Vorfolomeiev, Director, Resource Efficient and Cleaner Production Centre <i>About RECP concept and RECPC – 8 years’ intensive work. Cumulative results, ways forward</i></p> |
| 11:00-11:30 | <p>Representatives of industrial companies:</p> <p>Mr. Viktor Niemchunov, Occupational Safety Engineer, Premium Star LLC</p> <p>Mr. Andrii Popadynets, Chief Engineer, Ligos LLC</p> <p>Ms. Yulia Laskava, Leading Energy Manager, SMNVO-Engineering JSC</p> <p>Mr. Volodymyr Korovai, Leading Engineer, Zaporizhvognetryv PJSC <i>Implementation of RECP at the enterprises</i></p> |
| 11:30-11:40 | <p>Mr. Oleksandr Khokhotva, D.Sc., Associate Professor, Ecology and Technology of Plant Polymers Department, Faculty of Chemical Engineering, National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute” <i>Integration of RECP/ChL course into the curriculum</i></p> |
| 11:40-12:00 | <p>Mr. Serhiy Porovskyy, Energy Efficiency Financing and Policy Expert for the Project, UNIDO/GEF Project “UKR IEE Introduction of Energy Management System Standard in Ukrainian Industry” <i>Loan Guarantee Fund is a new innovative financial mechanism for energy efficient industry</i></p> <p>Mr. Yaroslav Krupko, Head of the Division of Credit Products of the Corporate Business, Ukrigasbank JSB <i>Lending in the framework of Loan Guarantee Fund under the United Nations Industrial Development Organization (UNIDO)</i></p> <p>Mr. Kyrilo Pavshuk, Head of the Division for Development of Environmental Programmes and Resource Saving Projects, Department of Environmental Engineering and Implementation of Resource Saving Projects, Ukrigasbank JSB <i>Financial support of RECP options implementation</i></p> |

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| 12:00-12:10 | Ms. Tamara Burenko, Deputy Head of Low Carbon Development Department, State Agency of Energy Efficiency and Energy Saving of Ukraine <i>Stimulating enterprises to energy efficiency</i> |
| 12:10-12:20 | Q&A All participants |
| 12:20-12:30 | Video “Implementation of Resource Efficient Production in Ukraine” developed by RECPC |
| Item 3 | Panel Discussion #2 “Circular Economy as a Tool for Business Improvement” |
| 12:30-12:40 | Ms. Victoria Kovalenko, State Expert on Resource Efficiency in Industry, Directorate of Industrial Policy and Stimulation of Regional Development, Ministry for Development of Economy, Trade and Agriculture of Ukraine <i>Main tasks of a circular economy in Ukraine</i> |
| 12:40-12:55 | Ms. Tatiana Chernyavskaya, Acting Project Manager, Industrial Resource Efficiency Division, Directorate for Environment and Energy, United Nations Industrial Development Organization (UNIDO) <i>Circular Economy and New Growth Opportunities for Businesses in Ukraine: EU4Environment Action</i> |
| 12:55-13:10 | Ms. Liudmyla Musina, UNIDO Focal Point in Ukraine <i>Conditions and prospects of transition to the circular economy principles in Ukraine</i> |
| 13:10-13:20 | Ms. Svitlana Berzina, President, All-Ukrainian NGO “Living Planet”, Expert of EaP GREEN and EU4Environment programmes on PPS implementation <i>Ecolabel as a tool to support the transition to a circular economy model</i> |
| 13:20-13:30 | Mr. Denys Bazilevych, Co-organizer of the Industry4Ukraine Platform <i>Circular4Industry: a common platform for new industrial development</i> |
| 13:30-13:40 | Ms. Oksana Kuleba, Co-owner, Modus LLC <i>Circular economy implementation at company level</i> |
| 13:40-13:50 | Q&A All participants |
| 13:50-14:00 | Closing Remarks |