**KICK-OFF STAKEHOLDERS MEETING ON**

**"THE GLOBAL GREENCHEM INNOVATION AND NETWORK PROGRAMME" IN UKRAINE**

**AGENDA**

# MEETING LINK

**Date:** 25 April (Tuesday) 2023

**Start:** 13:00 (CET)

**End:** 15:00 (CET)

**Format:** web-based video conference via Zoom

**Language:** Ukrainian and English (with simultaneous interpretation)

**Kick-off Stakeholders Meeting on**
**"The Global GreenChem Innovation and Network Programme" in Ukraine**
25 April 2023, 13:00-15:00 (CET)

**Event objectives**

- Launching GreenChem Programme and presenting its components for Ukrainian stakeholders;
- Raising awareness among participants and key stakeholders on the GreenChem Programme in Ukraine and its benefits;
- Discussing new opportunities related to Green Chemistry in Ukraine;
- Announcing the national stakeholders' participation in the GreenChem Programme.

**Participants**

The event will be open to all stakeholders interested in and working on issues related to chemical sector, green chemistry, industry, circular economy and environmental protection. The event will bring together representatives from the Ministry of Environmental Protection and Natural Resources of Ukraine, UNIDO, Center for Green Chemistry and Green Engineering at the Yale University (USA), Resource Efficient and Cleaner Production Centre, key national stakeholders, representatives from companies and organizations, projects and programmes, associations, NGOs, academics and research institutes.

**Practical information**

The event will be organized online on 25 April 2023 (13:00-15:00 CET) using the Zoom. The event will include presentations and discussion with participants. The event will be held in Ukrainian and English with simultaneous interpretation.

**To join the Kick-off Stakeholders Meeting, please use the following meeting link**

**https://unido-org.zoom.us/j/89310009830?pwd=YmwwZzlkTk1ZTzFQT090Y3BQNFI4Zz09**

**Meeting ID: 893 1000 9830**

**Passcode: 624309**

**Background**

Manufacturing of inherently hazardous materials occurs around the world. Workers and communities, especially in emerging economies, are being exposed to chemicals with proven associated risks and hazards. The fact that these chemicals are still produced is mainly due to technological lock-in and the prohibitive initial deployment and substitution costs to make green chemistry alternatives available in these countries. Global agreements for continued POPs and mercury use, the growing global threat of microplastics, and the barriers to deploying green

chemistry alternatives at scale represent persistent source of harm for human health and the environment.

Green Chemistry focuses on the development and application of chemicals with inherently benign and beneficial properties at all stages of their life cycles. Its purpose is not simply to reduce pollution through the elimination of hazards associated with chemical, reagents, solvents, and products, but also to ensure that sustainability is considered already in the design process for innovations in the area. Green Chemistry touches virtually every business sector – food, energy, plastics, cosmetics, cleaning products, pharmaceuticals, etc. Due to the nature of green chemistry, it is an essential building block and guiding principle for the development of a circular economy.

Currently, financial, regulatory, organizational, and cultural barriers prevent the fast adoption of Green Chemistry. In industry, suppliers are under pressure to deliver chemicals faster on a regular basis. Hence, there is an inherent regulatory risk of switching to a new process, an upfront investment, the cost of redesigning existing infrastructures, and a barrier to change to new solvents and instrumentation respectively. Moreover, additional barriers include:

- lack of information about the availability of Green Chemistry alternatives and solutions,
- lack of demonstration of commercialized successful Green Chemistry solutions,
- limited connections between Green Chemistry innovators and industry,
- lack of awareness of the Green Chemistry principles, and
- the perceived high costs for small to medium-sized enterprises.

Entrepreneurs from the area of Green Chemistry are facing many challenges, including profitability and financial safety in the early years of business, difficulties securing instrumentation and laboratory space, as well as hurdles in the regulation of chemicals and chemical processes. Women underly special constraints and inherent systemic barriers, including limited inclusion efforts, difficult access to special technical expertise and managerial training, and overall restricted opportunities.

In Ukraine, the Resource Efficient and Cleaner Production (RECP) Centre is the national partner in implementing “Global GreenChem Innovation and Network Programme”. Here, the Programme components:

- Green Chemistry Innovation and Inclusion Network for Capacity Building aims at the development of a robust Global Green Chemistry Innovation and Inclusion Network, connecting collectives and individuals, including scientists, entrepreneurs, and representatives from government, industry, academia, and non-governmental organizations.
- Green Chemistry Accelerator Programme focuses on the establishment and execution of six (6) multi-year accelerator programs, providing support and training for sustainable businesses and business ideas in the area of green chemistry, nurturing regional innovation ecosystems in the focus nations.
- Green Chemistry alternatives for POPs, mercury and micro-plastics for upscaling and replication demonstrates green chemistry alternatives and capacities in selected chemical & waste related focus sectors.

**About GreenChem Programme**

The Global GreenChem Innovation and Network Programme (GreenChem) aims to strengthen the sound management of industrial chemicals and their waste through better control, reduction, and/or elimination protocols, and specifically to scale up green chemistry solutions for persistent organic pollutants (POPs) and mercury replacement through capacity building, innovation, and the creation of a global green chemistry network fostering visibility, support, and implementation.

The project is funded by Global Environment Facility (GEF), implemented by the United Nations Industrial Development Organization (UNIDO) and executed by Yale University in close collaboration with governmental counterparts of six beneficiary focus countries (Indonesia, Jordan, Peru, Serbia, Uganda, and Ukraine).

For more information, please visit www.globalgreenchem.com

**Connection Details**

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**Moderator:** Ms. Kateryna Romanova, Communication and Advocacy Expert of RECP, Resource Efficient and Cleaner Production Centre

| Time (CET) | Item |
|---|---|
| **13:00-13:20** | *Welcoming remarks*<br><br>**Mr. Yevheniy Fedorenko**,<br>Deputy Minister, Ministry of Environmental Protection and Natural Resources of Ukraine<br><br>**Ms. Rodica Ivan,**<br>Senior Programme Manager, United Nations Industrial Development Organization (UNIDO)<br><br>**Dr. Lars Ratjen,**<br>Programme Manager, Center for Green Chemistry and Green Engineering of the Yale University |
| **13:20-13:35** | *Legislative changes on chemicals use in Ukraine*<br><br>**Mr. Roman Filonenko,**<br>Director of Waste Management and Environmental Safety Department, Ministry of Environmental Protection and Natural Resources of Ukraine |
| **13:35-13:50** | *Presentation of "The Global GreenChem Innovation and Network Programme"*<br><br>**Dr. Lars Ratjen,**<br>Programme Manager, Center for Green Chemistry and Green Engineering of the Yale University |
| **13:50-14:05** | *Green Chemistry Inclusion Network and Accelerator Programme. The Role of Components 1 and 2*<br><br>**Ms. Olena Tabachuk,**<br>Chemical Management Expert, Resource Efficient and Cleaner Production Centre |

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| **14:05-14:25** | *Component 3: Green Chemistry alternatives for POPs, mercury and micro-plastics for upscaling and replication*<br><br>**Mr. Oleksandr Khokhotva,**<br>Chemical Management Expert, Resource Efficient and Cleaner Production Centre |
| **14:25-14:50** | *Question – Answer session*<br><br>**All participants** |
| **14:50-15:00** | *Closing remarks* |