

March 2021

IOMC Webinar Report

Leveraging Green and Sustainable Chemistry for Sound Management of Chemicals and Waste beyond 2020

14 April 2021

Prepared by: UNITAR



Federal Ministry for the
Environment, Nature Conservation
and Nuclear Safety



Webinar Report

The Dubai Declaration (2006) in paragraph 14 indicates: *"We are determined to realize the benefits of chemistry, including green chemistry, for improved standards of living, public health and protection of the environment, and are resolved to continue working together to promote the safe production and use of chemicals"*.

The second IOMC webinar in support of the SAICM Beyond 2020 process took place on 14 April 2021. The webinar included presentations from the IOMC Participating Organizations, namely the Organization for Economic Co-operation and Development (OECD), the United Nations Development Programme (UNDP), the United Nations Environment Programme (UNEP), the United Nations Industrial Development Organization (UNIDO), and national governments, and academia. The last section of the webinar included a series of questions and answers with the participation of all experts. The webinar provided information on the current initiatives being undertaken by different organizations, the perspective of national governments on the application of Green or Sustainable Chemistry and examples of collaboration and successful experiences related to Sustainable Chemistry. The webinar was moderated by Mr. Jakob Maag from UNITAR.

Presenters and panel experts

IOMC Presenters

**Anderson Moreira
do Vale Alves**
United Nations
Development
Programmes
(UNDP)

Eeva Leinala
Organisation for
Economic
Cooperation and
Development
(OECD)

Gabi Eigenmann
United Nations
Industrial
Development
Organization
(UNIDO)

**Sandra Averous-
Monnery**
UN Environment
(UNEP)

Invited stakeholders

Agustín Harte
Ministry of
Environment and
Sustainable
Development -
Argentina

Jutta Emig
German Federal
Ministry for
Environment, Nature
Conservation and
Nuclear Safety,
Germany

Karolina Mellor
Yale University

Peter Ssekajja
Uganda Cleaner
Production Centre
(UCPC)

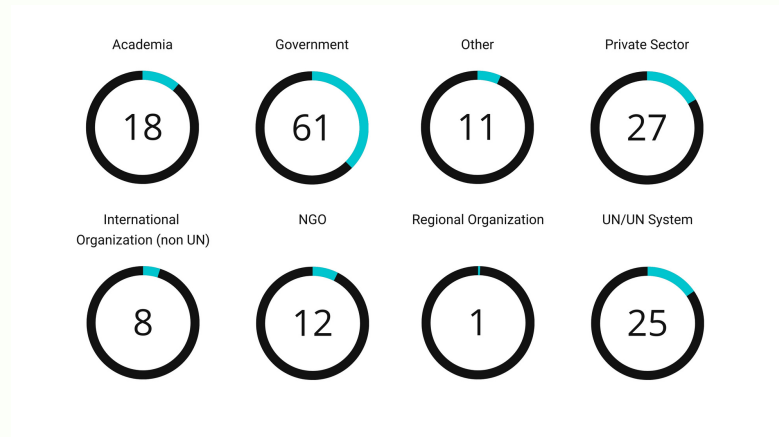
Attendance breakdown and representation

A total of 163 people participated in the second IOMC webinar

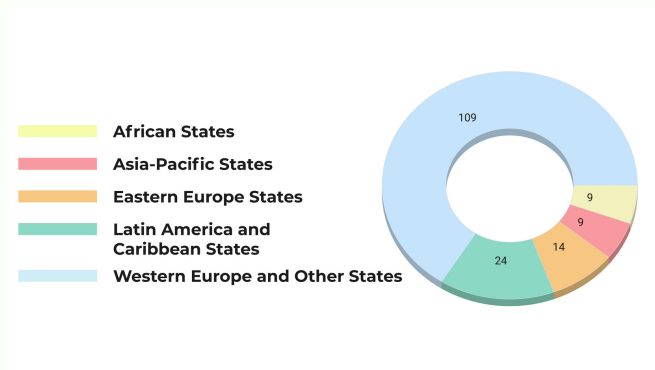
Gender Distribution



Sector



Regions



Key Messages

- Green and sustainable chemistry is essential in the Beyond 2020 process and is supporting addressing the SDGs.
- Green and Sustainable chemistry was mentioned and discussed in the Targets, Indicators and Milestones Virtual Working Group. Discussions were specifically relevant for Strategic Objective D on the current negotiations text which intends to cover the ongoing need for innovative thinking and solutions to address current and future aspects of managing chemicals and waste, such as life-cycle management, the circular economy, green and sustainable chemistry, safer alternatives, better recycling technologies and resource efficiency.
- Aligning the work in SAICM to green and sustainable chemistry can support reaching the higher level of sustainable production and use of chemicals.
- IOMC organizations are actively involved in the development of promotion of Green Chemistry Programmes ranging from development of guidance to identify safer alternatives, manuals for education, programmes to insert Green Chemistry in the education curricula, toolkit on Green Chemistry, to specific demonstration projects involving key partners in regions across the globe.
- Green Chemistry implementation requires a joint effort from academia, industry, workers and governments. Partnerships with key academic institutions is very important.
- Social and Economic benefits of green or sustainable chemistry are highlighted and demonstrated in a number of projects and studies
- Green Chemistry can help to reduce the risk from hazardous chemicals but approaches need to be widely disseminated and implemented with key stakeholders