



NUTEK Plastics

A nuclear solution to plastic pollution

NUTEK Plastics aims to assist the IAEA Member States in integrating nuclear and nuclear derived techniques in their efforts to address challenges of plastic pollution. *NUTEK Plastics* builds on a portfolio of IAEA research and technical cooperation projects around plastic recycling using radiation technology, and marine monitoring of microplastics using isotopic tracing techniques.

This three-hour virtual roundtable for Europe and Central Asia aims to:

- provide a platform for presentation and discussion of new solutions to plastic pollution, with a particular focus on the unique contributions of nuclear technology; and
- promote collaborative partnerships for an integrated, coordinated and solution-oriented approach to the fight against plastic pollution.

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ROUNDTABLE

FOR EUROPE AND CENTRAL ASIA

Thursday, 7 October 2021

10:00 AM – 13:00 PM (CEST)

via Interpretrefy Platform



IAEA

International Atomic Energy Agency
Atoms for Peace and Development

PROVISIONAL AGENDA

Thursday, 7 October 2021 10:00 AM – 13:00 PM (CEST)

10:00 – 11:30 Session 1

Plastic Pollution: Challenges and the Need for Global Action

This session aims to address the challenges and need for global action by focusing on:

- i. key policy and socio-economic issues;
- ii. regulatory frameworks;
- iii. international, regional, and national initiatives; and
- iv. opportunities for strengthening partnership and synergy to address plastic pollution from its source to the sea.

Welcome remarks by Ms Eve-Küllil Kala, Director, Division for Europe, IAEA.

Opening statement by Mr Rafael Mariano Grossi, Director General, IAEA.

Roundtable discussion with brief statements from distinguished panellists, chaired by Mr Rafael Mariano Grossi, Director General, IAEA.

11:30 – 13:00 Session 2

Partnerships for Sustainable Solutions to Plastic Pollution

This session aims to:

- i. highlight available nuclear technologies for recycling of plastic waste and monitoring plastic pollution in the ocean for science-based decision-making in Europe and Central Asia;
- ii. exchange information on existing programmes and practices (e.g. R&D, industrial practices, regional initiatives and activities for capacity building and advocacy); and
- iii. explore opportunities for new or enhanced cooperation and partnerships in the context of the *NUTEC Plastics*, including resource sharing, and resource mobilization.

Introductory statements by Ms Melissa Denecke, Director of the Division of Physical and Chemical Sciences, IAEA, and Ms Florence Descroix-Comaducci, Director, IAEA Environment Laboratories, followed by a panel discussion with distinguished panellists, chaired by Ms Najat Mokhtar, Deputy Director General, Head of the Department of Nuclear Sciences and Applications, IAEA, on:

- Nuclear technologies for recycling and for marine microplastic monitoring, and the programmatic overview of *NUTEC Plastics* in the IAEA.
- Strategic regional and national efforts on marine microplastic monitoring.
- Member States' results on the use of radiation for transforming plastic waste materials into valuable goods.

Closing remarks by Mr Hua Liu, Deputy Director General, Head of the Department of Technical Cooperation, IAEA.