

International Conference on

# Management of Naturally Occurring Radioactive Material (NORM) in Industry

19–30 October 2020  
Vienna, Austria



**VIRTUAL EVENT**

[www.iaea.org/events/norm-2020](http://www.iaea.org/events/norm-2020)

## Background

Over the past few decades, many studies have found elevated natural radionuclide activity concentrations in wastes and residues from a wide range of industrial activities that are not part of the nuclear fuel cycle. Since then, despite some successful cases, most Member States have been struggling to find feasible and implementable approaches for the proper management of naturally occurring radioactive material (NORM) wastes and residues.

To address these issues, the International Atomic Energy Agency (IAEA) is organizing the International Conference on the Management of Naturally Occurring Radioactive Material (NORM) in Industry. This is the first conference on NORM organized by the IAEA, and it will build upon inputs provided by different events already organized by the international community with a focus on industry.

Non-nuclear industries are becoming aware of potential radiological issues in their operations, and some organizations have already established effective management practices. Such examples can be shared to support others to effectively address this issue. The conference will cover all the industrial operations outside the nuclear fuel cycle that are associated with increased natural radionuclide activity concentrations in wastes and residues and can give rise to increased exposure of members of the public and workers to ionizing radiation.

## Objective

The objective of the conference is to foster the sharing of experiences in the management of NORM waste and residues in industrial operations with the aim of contributing to the harmonization of approaches and the adoption of good practices that are both cost effective and safe, and take into consideration the protection of the public and workers.

The conference will explore the good practices that have been put in place worldwide and bring together different players to identify current issues and expected future challenges and possible strategies for dealing with them.

Although the conference will focus on industrial operations, it will consider the latest technological developments and research work, considering regulatory requirements and safety aspects.

## Audience

The conference is intended for professionals in the industry dealing with NORM-related issues, including stakeholders such as operators, policymakers, scientists and others with responsibilities in the field such as health, safety and environmental professionals.

## Main topics

- **NORM Inventories** (identification of NORM-related industries operating within the country; amounts of residues and wastes being generated; radioactivity concentrations or exposure rates; other hazardous materials of concern)
- **National Policies and Strategies** (acknowledgment of existing legal and regulatory regimes, definition of waste/residue management approaches e.g. centralized vs. multiple dispersed facilities; NORM-dedicated facilities vs. facilities accepting multiple types of wastes; stakeholder involvement)
- **NORM Characterization in Industrial Operations** (appropriate sampling and monitoring methodologies; analytical methodologies; infrastructure and equipment requirements; quality assurance and quality control; recordkeeping)
- **Residue and Waste Management** (life cycle management; cost assessment across all aspects of residue and waste management; management options for residues/wastes (application of the waste management hierarchy); selection of management options, financial guarantees; other considerations (e.g. economic impacts); transportation requirements and controls)
- **Decommissioning of NORM Facilities and Remediation of Contaminated Sites** (decommissioning and waste management plan; decontamination technologies; dismantling technologies; remediation, identification of contaminated sites; remedial action evaluation and selection; costing and funding; long term stewardship of closed or decommissioned NORM management facilities and sites, institutional controls).

## Key deadlines

- |                          |   |
|--------------------------|---|
| <b>13 April 2020</b>     | Submission of abstract<br>(including Forms A and B) |
| <b>25 May 2020</b>       | Notification of<br>acceptance of abstract           |
| <b>19 September 2020</b> | Deadline for revised paper                          |

## Registration

No registration fee is charged. Please see the conference web page for details on how to register.

## Language

The conference will be held in English.

## IAEA contacts

### Scientific matters:

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### Participation and administrative matters:

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## Conference web page

Detailed information on administrative matters including registration and paper submission is provided on the conference website:

[www.iaea.org/events/norm-2020](http://www.iaea.org/events/norm-2020)

Please include reference number  
IAEA-CN-287 in all communications

