



Technical Meeting on Multi-criteria Decision Making for the Selection of Decommissioning Technologies

IAEA Headquarters, Vienna, Austria
and virtual participation via Microsoft Teams

15 - 19 December 2025

Ref. No.: EVT2404274

Information Sheet

Introduction

Multi-Criteria Decision Making (MCDM) is a structured approach used to support the selection of decommissioning strategies by evaluating multiple, often conflicting factors. In the context of nuclear facility decommissioning, MCDM enables decision-makers to systematically compare options based on factors such as technical feasibility, cost, safety, environmental impact, and stakeholder concerns. By incorporating both quantitative data and qualitative judgments, MCDM helps ensure transparent, balanced, and well-informed decisions aligned with regulatory requirements, sustainability goals, and long-term site objectives.

MCDM supports decisions in the various stages of decommissioning process; this includes the definition of decommissioning strategies (immediate dismantling or deferred dismantling), identification of decommissioning scenarios and end-states, selection of technologies for characterization, decontamination, segmenting, waste management, supporting deployment systems and other related aspects.

The Technical Meeting aims to provide a comprehensive global overview of **decision-making tools, performance indicators, and technologies currently used in decommissioning projects**. It will cover a broad range of topics and therefore requires input from experts involved in decommissioning projects at various stages and in diverse contexts – including power reactors, fuel cycle facilities and other nuclear installations.

A key outcome of the Technical Meeting will be to determine the need of updating the relevant IAEA publication on the Selection and Use of Performance Indicators in Decommissioning, to reflect recent development of decommissioning projects, the latest innovations in project management, best practices, lessons learned, and other relevant advancements.

Objectives

The objectives of the event are as follows:

- To share experiences on the use of multicriteria decision analysis for decommissioning of facilities, including:
 - Relevant case studies describing particular decision steps and outcomes of such selective processes;
 - Quantitative and qualitative methods and tools;
 - Best practices;
 - Challenges and limitations;
 - MCDM-informed decommissioning decisions.
- To enhance the understanding of the technical, safety, economic, environmental, and societal criteria for MCDM application in the scope of decommissioning of facilities.
- To provide a platform for the exchange of information and foster collaboration between experts of Member States interested in the application of MCDM for decommissioning and representatives of relevant organizations.

Target Audience

This Technical Meeting is aimed at specialists and practitioners involved in decision-making processes and managers in charge of decisions in the field of decommissioning technologies to support implementation of a nuclear decommissioning project.

Working Language(s)

English.

Expected Outputs

The expected outputs of the Technical Meeting will be:

- Overview of the use of MCDM for the selection of decommissioning technologies and proven practices for different nuclear facilities.
- Outline of the policy guidelines for the use of MCDM in decommissioning.
- Summary of different MCDM tools, sets of factors and limitations, including sustainability and circular economy.
- Discussed considerations on update/development of the IAEA publication on the topic (with a reference to NE Series report No. NW-T-2.1 published in 2011).

Participation and Registration

All persons wishing to participate in the event have to be designated by an IAEA Member State or should be members of organizations that have been invited to attend.

In order to be designated by an IAEA Member State or invited organization, participants are requested to submit their application via the InTouch+ platform (<https://intouchplus.iaea.org>) to the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or organization for onward transmission to the IAEA by **10 October 2025**, following the registration procedure in InTouch+:

1. Access the InTouch+ platform (<https://intouchplus.iaea.org>):
 - Persons with an existing NUCLEUS account can sign in to the platform with their username and password;
 - Persons without an existing NUCLEUS account can register [here](#).
2. Once signed in, prospective participants can use the InTouch+ platform to:
 - Complete or update their personal details under ‘Complete Profile’ and upload the relevant supporting documents;
 - Search for the relevant event under the ‘My Eligible Events’ tab;
 - Select the Member State or invited organization they want to represent from the drop-down menu entitled ‘Designating Authority’ (if an invited organization is not listed, please contact InTouchPlus.Contact-Point@iaea.org);
 - If applicable, indicate whether financial support is requested and complete the relevant information (this is not applicable to participants from invited organizations);
 - Based on the data input, the InTouch+ platform will automatically generate the Participation Form (Form A) and/or the Grant Application Form (Form C);
 - Submit their application.

Once submitted through the InTouch+ platform, the application, together with the auto-generated form(s), will be transmitted automatically to the required authority for approval. If approved, the application, together with the applicable form(s), will automatically be sent to the IAEA through the online platform.

NOTE: The application for financial support should be made, together with the submission of the application, by **10 October 2025**.

For additional information on how to apply for an event, please refer to the [InTouch+ Help](#) page. Any other issues or queries related to InTouch+ can be sent to InTouchPlus.Contact-Point@iaea.org.

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and financial matters.

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency's Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. The IAEA may also use the contact details of Applicants to inform them of the IAEA's scientific and technical publications, or the latest employment opportunities and current open vacancies at the IAEA. These secondary purposes are consistent with the IAEA's mandate. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

Papers and Presentations

The IAEA encourages participants to give presentations on the work of their respective institutions that falls under the topics listed above.

Participants who wish to give presentations are requested to submit an abstract of their work. The abstract will be reviewed as part of the selection process for presentations. The abstract should be in A4 page format, should extend to no more than three pages (including figures and tables) and should not exceed 500 words. It should be sent electronically to Mr Philippe Lefevre, the Scientific Secretary of the event (see contact details below), not later than **10 October 2025**. Authors will be notified of the acceptance of their proposed presentations by **23 October 2025**.

Submission of a paper should be confirmed, together with the submission of the main application via the InTouch+ platform, by **10 October 2025**.

Expenditures and Grants

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the event.

The application for financial support should be made, together with the submission of the application, by **10 October 2025**.

Venue

The meeting will commence on Monday, 15 December 2025, 09:30 a.m. in room M2, in M-building of the Vienna International Centre (VIC), where the IAEA's Headquarters are located. Participants must make their own travel and accommodation arrangements.

General information on the VIC and other practical details, such as a list of hotels offering a reduced rate for IAEA participants, are listed on the following IAEA web page:

www.iaea.org/events

Participants are advised to arrive at Checkpoint 1/Gate 1 of the VIC one hour before the start of the meeting on the first day in order to allow sufficient time for obtaining grounds passes, which are necessary for official visitors to the VIC premises.

Visas

Participants who require a visa to enter Austria should submit the necessary application to the nearest diplomatic or consular representative of Austria at least four weeks before they travel to Austria. Since Austria is a Schengen State, persons requiring a visa will have to apply for a Schengen visa. In States where Austria has no diplomatic mission, visas can be obtained from the consular authority of a Schengen Partner State representing Austria in the country in question.

IAEA Contacts

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Subsequent correspondence on scientific matters should be sent to the Scientific Secretary/Secretaries and correspondence on other matters related to the event to the Administrative Secretary.

Event Web Page

Please visit the following IAEA web page regularly for new information regarding this event:
www.iaea.org/events/EVT2404274