IAEA

International Atomic Energy Agency

Atoms for Peace and Development

Technical Meeting on Simple Knowledge Organization Systems for the Decommissioning of Nuclear Facilities

in collaboration with the European Commission Joint Research Centre

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

8 July - 12 July 2024

Ref. No: EVT2304173

Information Sheet

Introduction

Accumulated knowledge from past decommissioning projects, both successful and unsuccessful, is invaluable for informing future endeavours. Lessons learned, best practices, innovative technologies, and case studies need to be documented, shared, and continuously improved upon to enhance the safety and efficiency of decommissioning efforts. Processes for capturing and sharing such knowledge are being developed by several national and international organisations, including the International Atomic Energy Agency (IAEA) and the European Commission's Joint Research Centre (EC-JRC).

Over the past decades the development of semantic technologies, which facilitate machine understanding of data, have resulted in advances in knowledge management. Semantic technologies organize knowledge systems by separating data and metadata (information about data, objects and

concepts) and identifying the key concepts (objects or abstract ideas) which define a knowledge domain such as decommissioning. The network of relationships that link these concepts are known as ontologies and are fundamental to enabling the effective use of semantic technologies.

The Member States representatives during a Technical Meeting in September 2023, hosted by EC-JRC, agreed at the meeting that the next step to improve sharing of decommissioning knowledge would be establishing joint initiatives to work on the interconnectivity of the existing databases and sources of knowledge.

Objectives

The overall objective of this initiative is to facilitate more effective access, organization, and uses of diverse decommissioning information sources, improving knowledge preservation, collaboration and decision-making process across national boundaries.

The purpose of this event is to discuss the good practices in managing knowledge, to support the decommissioning of nuclear facilities. The interoperability of the internationally existing knowledge systems will be promoted by sharing with the IAEA Member States. The proposed initiative to develop an interoperable platform for sharing knowledge between Members States will be presented.
Presentations and discussions at the event will address in particular:

- The current knowledge management approaches used in planning and implementation of decommissioning projects.

- The emerging role of digital technologies in facilitating decommissioning data management.

- Means to facilitate access to decommissioning experience.

In addition to examining good decommissioning practices the meeting will review the IAEA and EC-JRC's knowledge management systems relevant to nuclear decommissioning.

Target Audience

Managers, specialists, and application designers in managing/developing emerging technologies for decommissioning information management may attend this meeting.

Working Language(s)

The working language of the meeting will be English.

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 **20 May 2024**, 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 **20 May 2024**.

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.

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 arrangements.

The application for financial support should be made, together with the submission of the application, by **20 May 2024.**

Venue

The event will be held at 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 requested 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 issuing 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.

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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.