



IAEA

Atoms for Peace and Development

الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

Vienna International Centre, PO Box 100, 1400 Vienna, Austria

Phone: (+43 1) 2600 • Fax: (+43 1) 26007

Email: Official.Mail@iaea.org • Internet: <https://www.iaea.org>

In reply please refer to: **EVT2102937**

Dial directly to extension: (+43 1) 2600-22607

The Secretariat of the International Atomic Energy Agency (IAEA) presents its compliments to the IAEA's Member States and has the honour to draw their attention to the **Technical Meeting on the Storage of Radioactive Waste** (hereinafter referred to as "event") to be held at the IAEA's Headquarters in Vienna, Austria, from **15 to 19 August 2022**.

In addition, the event will allow for virtual participation via Cisco Webex.

The purpose of the event is to provide an opportunity to discuss current approaches and practices in the storage of radioactive waste, including the design of storage facilities and the ageing management, monitoring and upgrade of these facilities and their associated waste packages. Emphasis will be placed on legacy facilities and the needs of Member States with small inventories.

The attached Information Sheet provides further details of the event.

The event will be held in English.

Member States are invited to designate one or more participants to represent the Government at this event. Member States are strongly encouraged to identify suitable women 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 at the time of designating the participant(s) using the attached Grant Application Form (Form C).

It should be noted that compensation is not payable by the IAEA for any damage to or loss of personal property. The IAEA also does not provide health insurance coverage for participants in IAEA events. Arrangements for private insurance coverage on an individual basis should therefore be made. The IAEA will, however, provide insurance coverage for accidents and illnesses that clearly result from any work performed for the IAEA.

Designations should be submitted to the IAEA through the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) not later than **12 July 2022** using the attached Participation Form (Form A). Completed and authorized Participation Forms should be sent either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Copies should be sent by email to the Scientific Secretary of the event, Mr Willem Meyer, Division of Nuclear Fuel Cycle and Waste Technology, Department of Nuclear Energy (Email: W.Meyer@iaea.org), and to the Administrative Secretary, Ms Marina Tolstenkova (Email: M.Tolstenkova@iaea.org). The Scientific Secretary of the event will liaise with the participants directly concerning further arrangements, including travel details, as appropriate, once the official designations have been received.

Should Governments wish, in addition, to appoint one or more observers to assist and advise the designated participants, they are kindly requested to inform the IAEA of the names and contact details of any such observers by the above date. In accordance with the established rules, Governments are expected to bear the cost of attendance of any observers they may send to IAEA events. Compensation is not payable by the IAEA for any damage to or loss of observers' personal property or for illness, injury or death occurring while travelling to or in connection with their attendance at IAEA events.

The IAEA takes no responsibility for, and the provider of the virtual meeting services has represented and warranted that the Services shall not contain, and that no end user shall receive from the software used to hold the virtual meeting, any virus, worm, trap door, back door, timer, clock, counter or other limiting routine, instruction or design, or other malicious, illicit or similar unrequested code, including surveillance software or routines which may, or is designed to, permit access by any person, or on its own, to erase, or otherwise harm or modify any data or any system, server, facility or other infrastructure of any end user (collectively, a "Disabling Code").

The Secretariat of the International Atomic Energy Agency avails itself of this opportunity to renew to the IAEA's Member States the assurances of its highest consideration.



2022-06-07

Enclosures: Information Sheet

Participation Form (Form A)

Form for Submission of a Paper (Form B)

Grant Application Form (Form C)



Technical Meeting on the Storage of Radioactive Waste

IAEA Headquarters, Vienna, Austria
and virtual participation via Cisco WebEx

15–19 August 2022

Ref. No.: EVT2102937

Information Sheet

Introduction

The storage methodology of a Member State will be determined by the type of waste (raw, conditioned, low-level, high-level, etc.), the characteristics of the waste package and storage facility available. Operation of well-designed and well-constructed storage facilities together with the use of suitable waste packages has demonstrated that wastes can be stored satisfactorily and safely for extended durations.

The purpose of a storage facility or structure is to safely and securely contain the packaged radioactive waste in an organized and retrievable fashion for a defined period of time that is supposed to be less than the facility design life, while ensuring that the radiation protection of workers, the public and the environment are properly addressed according to applicable regulations and the ALARA principle.

Lack of disposal facilities entails the need for additional ageing procedures to ensure continuing satisfactory safety control and protection of the waste packages ((including waste form and container) and the storage facility (storage structure, ancillary equipment, such as package handling, monitoring, ventilation, cooling, security, etc.) itself. The longer the intended life of the storage facility, the more important ageing management factors become.

Objectives

The objective of this Technical Meeting is to provide an opportunity to discuss current approaches and practices in the storage of small inventories of radioactive waste, including the design of storage facilities and the ageing management, monitoring and upgrade of these facilities and their associated waste packages. Emphasis will be placed on legacy facilities and the needs of Member States with small inventories.

Scope

The meeting will feature Member State representatives sharing their experience on the design of storage facilities to facilitate ageing management, monitoring and upgrade of these facilities and their associated waste packages. These could include the following specific topical areas:

1. Key concepts and activities involved during the development and planning of storage facilities for different waste streams (unconditioned) and conditioned waste packages:
 - Roadmap for the storage of small inventories of radioactive waste;
 - Waste acceptance criteria influencing selection of waste packages and storage facilities;
 - Key components for establishing a storage facilities by modifying an existing building/room.
2. Ageing management plan for stored waste (unconditioned waste and conditioned waste packages);
3. Ageing management plan for storage facilities;
4. Non-conformity.

Working Language(s)

The working language of this event will be English.

Expected Outputs

The hybrid meeting will promote scientific exchange regarding storage of radioactive waste among experts. As a result of the Technical Meeting, participants will be able to review/update or generate management plans (for respective Member States) to increase the durability of existing or planned

storage facilities for the storing of small volumes of unconditioned waste or waste packages earmarked for disposal.

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, participants are requested to send the **Participation Form (Form A)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) for onward transmission to the IAEA by **12 July 2022**. Participants who are members of an organization invited to attend are requested to send the **Participation Form (Form A)** through their organization to the IAEA by the above deadline.

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.

Papers and Presentations

The IAEA encourages participants to present their experience regarding ageing management activities for storage facilities (incl. unconditioned waste and conditioned waste packages).

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). It should be sent electronically to Mr Willem Meyer, the Scientific Secretary of the event (see contact details below), not later than **12 July 2022**. Authors will be notified of the acceptance of their proposed presentations by **15 July 2022**.

In addition, participants have to submit the abstract together with the **Participation Form (Form A)** and the attached **Form for Submission of a Paper (Form B)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or their organization for onward transmission to the IAEA not later than **12 July 2022**.

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 using the **Grant Application Form (Form C)**, which has to be stamped, signed and submitted by the competent national authority to the IAEA together with the **Participation Form (Form A)** by **12 July 2022**.

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 advised to arrive at Checkpoint 1/Gate 1 of the VIC one hour before the start of the event on the first day in order to allow for timely registration. Participants will need to present an official photo identification document in order to be admitted 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

Scientific Secretary:

Mr Willem Meyer

Division of Nuclear Fuel Cycle and Waste Technology
Department of Nuclear Energy
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA

Tel.: +43 1 2600 22607

Fax: +43 1 26007

Email: W.Meyer@iaea.org

Administrative Secretary:

Ms Marina Tolstenkova

Division of Nuclear Fuel Cycle and Waste Technology
Department of Nuclear Energy
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA

Tel.: +43 1 2600 21968

Fax: +43 1 26007

Email: M.Tolstenkova@iaea.org

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

Participation Form

Technical Meeting on the Storage of Radioactive Waste

IAEA Headquarters Vienna, Austria and virtual participation via Cisco Webex

15–19 August 2022

To be completed by the participant and sent to the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA) either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary W.Meyer@iaea.org and to the Administrative Secretary M.Tolstenkova@iaea.org.

Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

Deadline for receipt by IAEA through official channels: 12 July 2022

| | | |
|--|--|-------|
| Family name(s): (same as in passport) | First name(s): (same as in passport) | Mr/Ms |
| Institution: | | |
| Full address: | | |
| Tel. (Fax): | | |
| Email: | | |
| Nationality: | Representing following Member State/non-Member State/entity or invited organization: | |
| If/as applicable: Do you intend to submit a paper? Yes <input type="checkbox"/> No <input type="checkbox"/> Would you prefer to present your paper as a poster? Yes <input type="checkbox"/> No <input type="checkbox"/> Title: I plan to attend virtually: Yes <input type="checkbox"/> No <input type="checkbox"/> | | |

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.

Form for Submission of a Paper

Technical Meeting on the Storage of Radioactive Waste

IAEA Headquarters, Vienna, Austria and virtual participation via Cisco Webex

15–19 August 2022

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Deadline for receipt by IAEA through official channels: 12 July 2022

| | | |
|--|--|--------------|
| Title of the paper: | | |
| If applicable: Abstract ID in IAEA-INDICO: | | |
| Family name(s) and first name(s) of all author(s) (same as in passport(s): | Scientific establishment(s) in which the work has been carried out | City/Country |
| 1. | | |
| 2. | | |
| 3. | | |
| Family name(s) and first name(s) of author presenting the paper (same as in passport): | Mr/Ms: | |
| Mailing address: | | |
| Tel. (Fax): | | |
| Email: | | |

I plan to attend virtually:

Yes ☐ No ☐

I hereby agree to assign to the International Atomic Energy Agency (IAEA):

☐ the copyright; or

☐ the non-exclusive, worldwide, free-of-charge licence (this option is only for those authors whose parent institution does not allow them to transfer the copyright for work carried out in that institution) granting the IAEA world rights for the use of the aforementioned material in this and any future editions of the publication, in all languages, and in all formats available now, or to be developed in the future (digital formats, hard copy etc.).

Please note: If granting the licence mentioned above, please supply any copyright acknowledgement text required.

Furthermore, I herewith declare:

☐ that the material submitted to the IAEA is original, except for such excerpts from copyrighted works as may be included with the permission of the copyright holders thereof, has been written by the stated authors, has not been published before, and is not under consideration for publication by another entity;

☐ that any permissions and rights to publish required for third-party content, including but not limited to figures and tables, have been obtained, that all published material is correctly referenced; and

☐ that the material submitted to the IAEA does not contain any libellous or other unlawful statements and does not contain any materials that violate any personal or proprietary rights of any person or entity.

Date:

Signature of main author:

Grant Application Form

Technical Meeting on the Storage of Radioactive Waste

IAEA Headquarters, Vienna, Austria and virtual participation via Cisco Webex

15–19 August 2022

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Deadline for receipt by IAEA through official channels: 12 July 2022

| | | |
|---------------------------------------|--|--------|
| Family name(s): (same as in passport) | First name(s): (same as in passport) | Mr/Ms: |
| Mailing address: | Tel.: | |
| | Fax: | |
| | Email: | |
| Date of birth (yy/mm/dd): | Nationality: | |
| I plan to attend virtually: | Yes <input type="checkbox"/> No <input type="checkbox"/> | |

1. Education (post-secondary):

| Name and place of institution | Field of study | Diploma or Degree | Years attended from | to |
|-------------------------------|----------------|-------------------|---------------------|----|
| | | | | |
| | | | | |
| | | | | |
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2. Recent employment record (starting with your present post):

| Name and place of employer/organization | Title of your position | Type of work | Years worked from | to |
|---|------------------------|--------------|-------------------|----|
| | | | | |
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| | | | | |

3. Description of work performed over the last three years:

4. Institute's/Member State's programme in field of event:

Date: Signature of applicant: _____

Date: Name, signature and stamp of Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority _____