



IAEA

International Atomic Energy Agency

Atoms for Peace and Development

Workshop on Funding for Long Term Nuclear Liabilities

**IAEA Headquarters
Vienna, Austria**

16–19 December 2024

Ref. No.: EVT2205594

Information Sheet

Introduction

The nuclear economic cycle is very long, with a sizeable amount of money to be spent after the end of operating lifetime of nuclear facility for ensuring the decommissioning of the site, and for the long term radioactive waste and spent fuel management. Decommissioning, radioactive waste and spent fuel management are characterized by long time horizons, large capital investments, technical complexity and uncertainties. Estimating the costs and delivery times associated to such activities is a challenging and complex task. However, understanding financial liabilities associated to the back end of the nuclear fuel cycle and to the future decommissioning of nuclear facilities is a crucial step towards establishing reliable schemes for providing the funds required for programme implementation.

This Workshop focuses on funding for decommissioning of nuclear installations and with the back end of the nuclear fuel cycle. Estimating such costs and their uncertainties, identifying the key drivers and exploring ways to fund such long term liabilities are the main topics to be discussed in this Workshop.

Objectives

The purpose of the event is to provide experience and heighten awareness on this topic among Member States including those with emerging nuclear power programmes. Two main themes will be covered: (1) cost estimation, including for waste emerging from the back end of the fuel cycle and for

decommissioning of nuclear facilities, dealing with risks and uncertainties in the back end of the nuclear fuel cycle, and spent nuclear fuel management costs and cost breakdown structures, and (2) basic principles of funding schemes, including mapping from ‘overnight’ costs to contribution schedules, sources of risk and risk mitigation approaches.¹

The topics for discussion will include:

- Methodologies for developing cost estimates, determining the associated uncertainties, documenting and communicating the cost estimates, and updating them as required (incorporating lessons learned from past and ongoing projects).
- Approaches for dealing with future uncertain costs attached to the back end of the nuclear fuel cycle in the decision-making process.
- Establishing adequate and reliable funding policies and schemes for decommissioning, management of spent nuclear fuel and waste, including:
 - Addressing risks and uncertainties in the funding process
 - Designating ‘contribution schedules’ to funds
 - Funding arrangements
 - Managing the collected funds.

In order to achieve these objectives, participants, from both nuclear newcomer countries and established nuclear countries, are invited to share their perspective on how to address costing and funding issues related to waste management and decommissioning, and to provide country-specific examples and case studies. Keynote speakers, with direct experience in developing and implementing policies to funding waste management and decommissioning, will highlight specific issues, challenges and lessons learned. A number of panels are planned to explore different perspectives on key topics and facilitate exchanges among experts.

Target Audience

The meeting is open to: (1) participants from IAEA Member States with nuclear power programs; (2) participants from Member States that are planning or implementing a nuclear power programme for the first time; and (3) representatives from international organizations.

This workshop is open to about 100 professionals/experts from IAEA Member States. The designated participants should be professionals from national institutions, companies and/or academia who are knowledgeable about the details of their country’s national strategy and specific plans for spent fuel and waste management and decommissioning, and willing to share their experience and lessons learned in addressing the related costing and funding issues.

¹ This Workshop will not cover topics such as general nuclear fuel cycle economics, off-site remediation, NORM management or post-accident liabilities.

Working Language(s)

English

Expected Outputs

Exchanges and sharing of experience, lessons learnt, and increased appreciation of challenges.

Proposals for future IAEA activities on costing and funding based on the current needs of Member States and in particular those with emerging nuclear power programmes.

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 **1 September 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 **1 September 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 the 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.

The application for financial support should be made, together with the submission of the application, by **1 September 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 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 Marco Cometto

Division of Planning, Information and Knowledge Management
Department of Nuclear Energy
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA

Tel.: +43 1 2600 22780

Email: M.Cometto@iaea.org

Co-Scientific Secretary:

Ms Tetiana Kilochytska

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 25679

Email: T.Kilochytska@iaea.org

Administrative Secretaries:

Ms Valerie Gartner

Division of Planning, Information and Knowledge Management
Department of Nuclear Energy
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA

Tel.: +43 1 2600 22778

Email: V.Gartner@iaea.org

Ms Eugenie Tamara Hartzell

Division of Planning, Information and Knowledge Management
Department of Nuclear Energy
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA

Tel.: +43 1 2600 22779

Email: E.Hartzell@iaea.org

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

Participation Form

Workshop on Funding for Long Term Nuclear Liabilities

IAEA Headquarters Vienna, Austria

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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 Secretaries M.Cometto@iaea.org and T.Kilochytska@iaea.org and to the Administrative Secretaries V.Gartner@iaea.org and E.Hartzell@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: 1 September 2024

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:		

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.

Grant Application Form

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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:	

1. Education (post-secondary):

Name and place of institution	Field of study	Diploma or Degree	Years attended	
			from	to

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

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 _____