



IAEA

International Atomic Energy Agency

Atoms for Peace and Development

Workshop on Lessons Learned from Integrated Review Service for Radioactive Waste and Spent Fuel Management, Decommissioning and Remediation Missions

**IAEA Headquarters
Vienna, Austria**

8–9 July 2024

Ref. No.: EVT2304437

Information Sheet

Introduction

The use of independent peer reviews is an important part of safety demonstration and technology development. They contribute, among other things, to confidence building and transparency. The IAEA organizes international peer review missions upon the request of the Member States or national organizations within the Member States.

The IAEA Integrated Review Service for Radioactive Waste and Spent Fuel Management, Decommissioning and Remediation (ARTEMIS) was established by the IAEA in 2013, to facilitate the peer review of the safety and technical aspects of spent fuel and radioactive waste management, decommissioning of nuclear facilities and environmental remediation activities. The ARTEMIS review service is available upon request for all Member States and can be tailored to accommodate a broad range of subjects. They may be oriented towards a review of the entire national arrangements, including policies, strategies, and frameworks. However they may be also dedicated to a detailed assessment and technical advice on the implementation of specific programmes and project activities, with an emphasis on safety or on technology, or both.

The ARTEMIS review service is a cross-cutting, coordinated activity of the Division of Radiation, Transport and Waste Safety of the Department of Nuclear Safety and Security, and the Division of Nuclear Fuel Cycle and Waste Technology of the Department of Nuclear Energy.

The current version of the ARTEMIS Guidelines (version 2.0.0) was published in December 2018 and is available on the ARTEMIS Global Nuclear Safety and Security Network (GNSSN) platform. These Guidelines have formed the basis for all ARTEMIS reviews implemented since December 2018.

The first ARTEMIS mission was implemented in 2017. ARTEMIS is the instrument of choice used by the Member States of the European Union (EU) to meet their obligation as stipulated by the Council Directive 2011/70/EURATOM of 19 July 2011 establishing a Community framework for the responsible and safe management of spent fuel and radioactive waste (“the Waste Directive”) in Article 14:

“Member States shall periodically, and at least every 10 years, arrange for self-assessments of their national framework, competent regulatory authority, national programme and its implementation, and invite international peer review of their national framework, competent regulatory authority and/or national programme with the aim of ensuring that high safety standards are achieved in the safe management of spent fuel and radioactive waste. The outcomes of any peer review shall be reported to the Commission and the other Member States, and may be made available to the public where there is no conflict with security and proprietary information.”

Similarly to ARTEMIS, the IAEA Integrated Regulatory Review Service (IRRS) is the instrument used by the Member States of the European Union to meet their obligation as stipulated by the Nuclear Safety Directive 2014/87/Euratom (NSD) under its Article 8.

The complementarity of the IRRS and ARTEMIS have been reviewed by IAEA in cooperation with EU Member States with a view to address the existing overlaps between the services. In the interest of delivering efficiency benefits, IAEA now offers the possibility to organize the IRRS and ARTEMIS Missions in a back-to-back manner to avoiding undue duplications of work and unnecessary burden to the Member States.

Between the launch of ARTEMIS in 2013 and 2024, every EU Member State has carried out an ARTEMIS mission, marking a complete cycle of ARTEMIS reviews in Europe. Many EU Member States will have to prepare their second ARTEMIS cycle.

Although the majority of ARTEMIS reviews have been requested by EU member States in line with the obligations of the EC Waste Directive, the ARTEMIS review service is available to all IAEA Member States and several missions have already been organised in this regard, while others are planned.

With the view to maintain the most appropriate and effective support to the IAEA member States, it is important to ensure that the ARTEMIS remains effective and efficient and through continuous improvement meets the need of Member States.

Several international meetings have been organized for the exchange of information, experience and lessons learned from the ARTEMIS missions conducted around the world. The last Technical Meeting to share feedback on lessons learned from past ARTEMIS missions and to collect comments and experiences from all IAEA Member States on the ARTEMIS Guidelines (version 2.0.0) was took place virtually in October 2022.

Objectives

The purpose of the event is to exchange information, experiences and lessons learned from the ARTEMIS missions conducted from 2017 to 2023, including in the European Union for facilitating compliance with the EC Directive obligations.

The workshop will be also an opportunity to discuss the use of the back-to-back approach for conducting IRRS and ARTEMIS missions and to review the advantages and challenges when compared to conducting the missions independently. The workshop will complement the discussions from the Regional Workshop on Lessons Learned from Integrated Regulatory Review Service (IRRS) Missions held on 13 October 2023.

Target Audience

Member States who already implemented ARTEMIS missions are invited to nominate one or two representatives engaged in activities related to ARTEMIS.

The target audience comprises regulatory bodies, government representatives, policymakers, waste management organizations, and decommissioning and remediation organizations, or any other institutions with an interest in radioactive waste and spent fuel management, decommissioning, and remediation. The IAEA would appreciate the designation of participants who are or have been already involved in the ARTEMIS activities.

Member States are strongly encouraged to identify suitable women participants.

Working Language(s)

The working language of this event is 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 **3 June 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 **3 June 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 workshop. 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 workshop.

The application for financial support should be made, together with the submission of the application, by **3 June 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.

IAEA Contacts

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