



# Technical Meeting on the implementation of the Global Radium-226 Management Initiative

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

**December 2 – 6, 2024**

**Ref. No.: EVT2303666**

## **Information Sheet**

### **Introduction**

Sealed radioactive sources (SRSs) are used extensively in industry, medicine, agriculture, and various research areas. A radioactive source that is no longer in use, or not intended to be used, for the practice for which an authorization has been granted, is deemed as disused. These Disused Sealed Radioactive Sources (DSRS) must be properly managed to ensure that the whole life cycle is safe and secure, as cost effective, and the impact to the environmental is minimized.

Paragraph 14 of the IAEA Code of Conduct on the Safety and Security of Radioactive Sources specifies that “every State should encourage the reuse or recycling of radioactive sources, when practicable and consistent with considerations of safety and security”.

Many Member States have legacy stocks of  $^{226}\text{Ra}$ , which may present a long-term management challenge for some of them. The IAEA understands this challenge presented by long-lived radionuclides and continues to seek suitable solutions for the stored legacy  $^{226}\text{Ra}$ . Conversely, the Secretariat notes that several Member States may have a use for such legacy  $^{226}\text{Ra}$  stocks, particularly, in the field of targeted alpha therapy in nuclear medicine. The treatment of cancer cells through the application of radiotracers with Actinium-225 shows very promising results and using  $^{226}\text{Ra}$  as a feedstock material is an effective production route for the Actinium.

In light of the above, the Secretariat is coordinating an activity focussing on  $^{226}\text{Ra}$  recycling referred as the “Global Radium-226 Management Initiative”. In the frame of this initiative a platform to facilitate information exchange between Member States possessing legacy  $^{226}\text{Ra}$  sources and Member States with

capabilities and suitable recycling facilities has been established. In this context, the Secretariat notes that it stands ready to assist the safe and secure transport of  $^{226}\text{Ra}$  sources from its holder to the recipient Member State.

Over 55 Member States are participating in the initiative as holders of legacy  $^{226}\text{Ra}$ . A dozen of Member States have expressed interest in receiving and recycling the disused  $^{226}\text{Ra}$  sources. Coordination between  $^{226}\text{Ra}$  holders and recipients has successfully started. Bilateral discussions on the  $^{226}\text{Ra}$  inventories, current conditions of the  $^{226}\text{Ra}$  sources, expected packaging and transport operations, as well as safety, security, administrative and legal considerations are ongoing at this stage.

## **Objectives**

The Technical Meeting will review the implementation status of the Global  $^{226}\text{Ra}$  Management Initiative. The Contact Points appointed by Member States participating in this initiative will discuss their inventory of legacy  $^{226}\text{Ra}$  sources and the capabilities for recycling these sources in recipient Member States. It will also provide an opportunity to discuss the effectiveness of the platform established to facilitate information exchange between Member States possessing legacy  $^{226}\text{Ra}$  sources and Member States with capabilities and suitable recycling facilities. Practical experiences and new challenges in packaging and transporting  $^{226}\text{Ra}$  sources as well as the implementation of the recommendations from the previous Technical Meeting in June 2023, will also be discussed.

## **Target Audience**

The target groups are appointed contact points in Member States to the “Global Radium-226 Management Initiative”, users of radioactive sources in position of legacy  $^{226}\text{Ra}$  DSRS, radioactive waste operators, national regulators, sealed source recyclers, and decision-makers at government level. The participants should have a thorough knowledge of the administrative and technical infrastructure to support the DSRS recycling programs. Participants are requested to prepare a brief presentation on experiences in the implementation of DSRS recycling activities, either as holder or recipient of DSRS, with focus on  $^{226}\text{Ra}$  disused sealed sources.

## **Working Language(s)**

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 **30 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](mailto: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 **30 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](mailto: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.

## 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 copy of the presentation electronically to Mr Juan Carlos Benitez Navarro, the Scientific Secretary of the event (see contact details below), not later than **30 September 2024**. Authors will be notified of the acceptance of their proposed presentations by **30 October 2024**.

In addition to the registration already submitted through the InTouch+ platform, participants have to submit the abstract, together with the Form for Submission of a Paper (Form B), to the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or organization for onward transmission to the IAEA not later than **30 September 2024**.

## **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 **30 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](http://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 Juan Carlos Benitez Navarro**

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### **Administrative Secretary:**

#### **Ms Sharon Garcia**

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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/evt2303666](http://www.iaea.org/events/evt2303666)

Enclosure: Form for Submission of a Paper (Form B)

# Form for Submission of a Paper

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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](mailto: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 ([J.C.Benitez-Navarro@iaea.org](mailto:J.C.Benitez-Navarro@iaea.org)) and to the Administrative Secretary ([Sh.Garcia@iaea.org](mailto:Sh.Garcia@iaea.org)).

**Deadline for receipt by IAEA through official channels: 30 September 2024**

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:	
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