



# IAEA

原子用于和平与发展

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

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国际原子能机构（原子能机构）秘书处向原子能机构各成员国致意，并荣幸地提请注意将于**2022年5月16日至20日**在**奥地利维也纳原子能机构总部**举行的**从弃用高活度源管理中吸取的经验教训技术会议**（以下称“活动”）。

另外，还将允许通过思科网讯（Cisco Webex）以虚拟方式参加这次活动。

这次活动的目的是审查弃用高活度密封放射源（一类至二类源）管理的经验教训；讨论已成功实施的管理方案以及移动热室和其他运行和管理工具的使用；并确定是否需要任何补充工具来支持成员国安全和可靠地管理弃用高活度源。这一审查将有助于确定现有工具和技术是否需要升级或优化。

随附“资料单”提供这次活动的进一步详情。

这次活动将使用英文。

请各成员国指派一名或几名参加者代表政府参加这次活动。大力鼓励各成员国确定合适的女性参加者。

原子能机构一般不承担参加者参加活动的差旅费和其他费用。但原子能机构可支配有限资金，用于帮助支付某些参加者的参加费用。根据具体申请通常可向每个国家的一名参加者提供此种援助，条件是原子能机构认为该参加者将为这次活动做出重要贡献。财政资助申请应在指派参加者时利用随附的“补助金申请表”（C表）提出。

应注意，原子能机构对个人财产遭受的任何损坏或损失概不赔偿。原子能机构也不向原子能机构活动的参加者提供健康保险。因此，个人应做私人保险安排。但是，原子能机构将就明显因为原子能机构工作而引起事故和疾病提供保险。

应不迟于**2022年4月15日**用随附“参加申请表”（A表）将指派名单通过国家主管当局（外交部、常驻原子能机构代表团或国家原子能机构）提交原子能机构。填写完成并获得批准的“参加申请表”应通过电子邮件发送至：[Official.Mail@iaea.org](mailto:Official.Mail@iaea.org) 或通过传真发送至：+43 1 26007（无需硬拷贝）。副本应通过电子邮件发送给这次活动的科学秘书核能部核燃料循环和废物技术司 Juan Carlos Benitez Navarro 先生（电子信箱：[J.C.Benitez-Navarro@iaea.org](mailto:J.C.Benitez-Navarro@iaea.org)）和行政秘书 Emrah Goek 先生（电子信箱：[E.Goek@iaea.org](mailto:E.Goek@iaea.org)）。一俟收到正式指派名单，这次活动的科学秘书将酌情就进一步的安排（包括差旅详情）与参加者直接联系。

此外，若各国政府还希望指派一名或几名观察员协助所指派的参加者并向其提供咨询意见，则诚请在上述日期之前将任何此类观察员的姓名和详细联系方式通知原子能机构。根据既定规则，希望各国政府承担其可能派出参加原子能机构活动的任何观察员的参加费用。原子能机构对观察员个人财产遭受的任何损坏或损失，或在其前往参加原子能机构活动的旅途中发生的或与参加原子能机构活动有关的疾病、伤害或死亡概不赔偿。

原子能机构对可能或旨在允许任何人访问或自行访问、删除或以其他方式损害或修改任何终端用户的任何数据或任何系统、服务器、设施或其他基础设施的任何病毒、蠕虫、陷阱门、后门、计时器、时钟、计数器或其他限制性程序、指令或设计，或其他恶意、非法或类似的未请求代码，包括监视软件或例行程序（统称“禁用代码”），均不承担任何责任，而且虚拟会议服务提供商已声明并担保，这些服务不会包含且任何终端用户也不会从用于举行虚拟会议的软件收到这些“禁用代码”。

国际原子能机构秘书处借此机会再次向原子能机构各成员国致以最崇高的敬意。



2022年1月18日

附件（仅以英文印发）：资料单  
参加申请表（A表）  
补助金申请表（C表）



**IAEA**

International Atomic Energy Agency

*Atoms for Peace and Development*

# **Technical Meeting on Lessons Learned from the Management of Disused High Activity Sources**

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

**16–20 May 2022**

**Ref. No.: EVT1905013**

## **Information Sheet**

### **Introduction**

Radioactive sources are used widely throughout the world in medicine, industry, and agriculture. Unfortunately, the International Atomic Energy Agency (IAEA) receives reports regularly of serious injuries or deaths due to misuse or accidents involving sealed radioactive sources. The IAEA offers a wide range of guidance, activities and services to assist its Member States to improve the safety and security of their sealed radioactive sources.

Accident prevention requires a comprehensive approach to protecting and controlling sealed radioactive sources: applying standards for manufacturing and use; establishing regulatory control, physical protection, and inventories; training users on good practices and procedures; and properly disposing of the source when it is deemed disused.

Operations related to the removal of a high activity (Category 1–2) sources from a shielded position, placing it in another container, and some other operations required during conditioning of high activity sources require hot cells and very qualified personnel. The lack of approved containers fixed or mobile hot cells, and qualified personnel makes the conditioning of such sources difficult or impossible in many Member States. Conditioning of such sources is generally limited to the preparation of sources for long term storage, or removal and transportation for recycling.

Under such circumstances, a most common resolution of these problems will be receiving international assistance, for instance from the IAEA which provides services for conditioning and removal (including repatriation) of high activity sources from the country.

## **Objectives**

The Technical Meeting will review experiences in the management of disused high activity sealed radioactive sources (Category 1-2 DSRS). The management options successfully implemented, will be described and discussed. The use of mobile hot cells and other operational and management tools will also be discussed. Identification of potential gaps and to ascertain whether any additional tools are needed to support Member States in the safe and secure management of high activity DSRS is desired. The review will assist in determining whether the existing tools and technologies need to be upgraded or optimized or if the existing tools are sufficient.

## **Target Audience**

The participants should be managers, operators, users, or regulators who could potentially deal or have actually managed high-activity DSRS. The participants are requested to prepare briefing Power Point Presentation on the inventory and status of disused and in-use sealed radioactive sources of Category 1-2 in their country.

## **Working Language(s)**

English

## **Expected Outputs**

The meeting will focus on the exchange of information and practical experiences (described as: Project description, experience and lessons learned) regarding the following topics:

1. Establishment and maintenance of the National inventories of Category 1-2 DSRS, in use and disused;
2. Definition and implementation a National strategy for the management of Category 1-2 DSRS;
3. Decommissioning of practices/facilities where Category 1-2 were used;
4. Transport of Category 1-2 DSRS within the country;
5. Storage of Category 1-2 DSRS;
6. Removal of Category 1-2 DSRS for repatriation, recycling and/or reuse;
7. The use of mobile hot cells and other operational and management tools;

## **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 **15 April 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. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

## National 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 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 Juan Carlos Benitez Navarro, the Scientific Secretary of the event (see contact details below), not later than **18 March 2022**. Authors will be notified of the acceptance of their proposed presentations by **15 April 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 **15 April 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](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**  
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 22673

Fax: +43 1 26007

Email: [J.C.Benitez-Navarro@iaea.org](mailto:J.C.Benitez-Navarro@iaea.org)

## **Administrative Secretary:**

### **Mr Emrah Goek**

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 24544

Fax: +43 1 26007

Email: [E.Goek@iaea.org](mailto:E.Goek@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.

## **Event Web Page**

Please visit the following IAEA web page regularly for new information regarding this event:

[www.iaea.org/events/EVT1905013](http://www.iaea.org/events/EVT1905013)



# Participation Form

## Technical Meeting on Lessons Learned from the Management of Disused High Activity Sources

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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 [E.Goek@iaea.org](mailto:E.Goek@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: 15 April 2022**

Family name: (e.g. Smith)	First name(s): (e.g. John)	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 make a presentation?	Yes	No
Would you prefer to attend virtually?	Yes	No
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. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.



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**Deadline for receipt by IAEA through official channels: 15 April 2022**

Family name: (e.g. Smith)	First name(s): (e.g. John)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yyyy/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

### 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 \_\_\_\_\_