



Atoms for Peace

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

National Liaison Officer

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In reply please refer to: C1-RER/9/143/9013/01
Dial directly to extension: (+431) 2600-24211

2017-02-17

Subject: Invitation to a Workshop on the Characterization Methods for Raw and Conditioned Radioactive Waste, from 12-16 June 2017, Bucharest, Romania

Dear National Liaison Officer,

I am pleased to invite you to send nominations of suitable candidates to participate in the above-mentioned workshop under the framework of TC Project RER/9/143 – ‘Enhancing Radioactive Waste Management Capabilities’. The purpose of the workshop and related information are outlined in the attached Prospectus.

For candidates who are selected by the IAEA, the IAEA will cover the cost of return international travel from the home country to Bucharest, Romania and provide Daily Subsistence Allowance (DSA) for the duration of the workshop in line with IAEA rules and procedures.

Please submit nominations to the IAEA online through the Technical Cooperation Department's InTouch system (<http://intouch.iaea.org>). Only if this is not possible, nominations may be submitted on the Nomination Form for Workshop available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/In-meetings-WS/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project, Mr Andrejs Salmins (IAEA Official Fax: +43-1-26007 or E-Mail Official.Mail@iaea.org), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than **31 March 2017**.

Yours sincerely,

Martin Krause
Director
Division for Europe
Department of Technical Cooperation

Enclosure: Prospectus

International Atomic Energy Agency

Workshop on the Characterization Methods for Raw and Conditioned Radioactive Waste

PROSPECTUS

- Project Number & Title:** RER9143 'Enhancing Radioactive Waste Management Capabilities'
- Place (City, Country):** Bucharest, Romania
- Dates:** 12-16 June 2017
- Deadline for Nominations:** 31 March 2017
- Organizers:** The International Atomic Energy Agency (IAEA) in collaboration with the Government of Romania through the National Institute for R&D Physics and Nuclear Engineering
- Host Country Organizer:** Ms Felicia Dragolici
National Institute for R&D in Physics and Nuclear Engineering
Str. Reactoului no 30
Bucharest
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Tel: 40214042353
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- Language:** English
- Purpose:** The purpose of the workshop is to discuss issues and good practices in radioactive waste characterization for promoting waste minimization, identification of optimal processing schemes, and to meet the waste acceptance criteria for processing, storage and disposal.
- Expected Output(s):** Improved understanding of the relevant issues and good practices in waste characterization and how to use it for minimizing waste and preparing conditioned waste for storage and disposal. The expected outputs are envisaged to be achieved by the sharing of knowledge and experiences amongst participants and invited experts.

Scope and Nature:

This workshop will include lectures by invited external experts on international approaches and experiences (case studies, techniques, good practices) in waste characterization for promoting waste minimization and compliance with the waste acceptance criteria for safe storage and disposal. The lectures will cover characterization of radioactive waste from its point of generation through all stages of its processing (pretreatment, treatment and conditioning) for storage and disposal.

The Workshop will include national presentations of participating Member States and discussions focused on specific experiences and problems encountered. Ongoing support for the participants involved in this workshop will be done through the IAEA International Network of Laboratories for Nuclear Waste Characterization (LABONET).

Background Information:

Every country that uses nuclear technology involving radioactive materials generates radioactive waste. Such waste needs to be processed through segregation, treatment, conditioning and packaging to be stored on an interim basis, disposed of or recycled/reprocessed. There is a recognised need to assist Member States in defining appropriate strategies to improve existing waste management practices in these areas and to assist in the resolution of particular or common problems for radioactive waste management, both pre-disposal and disposal.

There is continuous need to improve technology and human resources to enhance and strengthen the technical capacity, efficiency and safety of existing or for building new predisposal waste management facilities related to waste processing or storage. Countries with small amounts of radioactive waste usually do not have solutions for final disposal. Since predisposal management of radioactive waste needs to be aligned with the disposal solutions, timely determination of integrated national policy and strategy is essential for the safe and effective management of radioactive waste. There is a need to assist in defining efficient ways to improve existing waste management practices and to assist in the resolution of particular or common problems in MSs to address advanced approaches in radioactive waste management, such as integrated approach in planning and waste strategies implementation, waste minimization, recycling and reuse options, quality assurance and other requirements of predisposal waste management.

The starting point for a successful waste management programme is developing an understanding of the radioactive waste inventory. Key to achieving this is the development of a comprehensive understanding of the waste characteristics beginning at its point of origin (or retrieval if legacy waste) and through all stages of its processing to ensure compliance with the waste acceptance criteria to ensure its safe storage and disposal.

Participation:

The target countries are: Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Georgia, Greece, Hungary, Kazakhstan, Latvia, Lithuania, Malta, Montenegro, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Tajikistan, The former Yugoslav Republic of Macedonia,

Turkey, Ukraine and Uzbekistan. Although the workshop is designed for countries participating in the Regional Project RER9143 it provides an opportunity to engage group or individual fellowships from all national projects devoted to radioactive waste management, decommissioning and environmental remediation.

**Participants’
Qualifications:**

The participants should be professionals working in organizations, institutions or laboratories supporting the operation or regulation of radioactive waste management activities and they should be involved in the characterization of radioactive waste.

As the workshop will be conducted in English, participants should have adequate proficiency in English language to be able to make their national presentations in English, follow experts’ presentations and take part in the interactive discussions.

The participants should prepare in advance overview presentations outlining national experience and issues related to the characterization of waste (including legacy waste) before and after processing i.e. waste in its raw and conditioned form.

**Nomination
Procedure:**

Please submit nominations to the IAEA online through the Technical Cooperation Department’s InTouch system (<http://intouch.iaea.org>). Only if this is not possible, nominations may be submitted on the Nomination Form for Meeting/Workshop available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/In-meetings-WS/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project, Mr Andrejs Salmins (IAEA Official Fax: +43-1-26007 or E-Mail Official.Mail@iaea.org), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than **31 March 2017**.

**Administrative
and Financial
Arrangements:**

Nominating Governments will be informed in due course of the names of the candidates who have been selected and will, at that time, be given full details of the procedures to be followed with regard to administrative and financial matters.

Selected participants from countries eligible to receive technical assistance will be provided with a round trip economy class air ticket from their home countries to Bucharest, Romania, and a Daily Subsistence Allowance (DSA) at the prevailing UN Rate. Shipment of accumulated workshop materials to the participants' home countries is not the responsibility of the IAEA.

The organizers of the workshop do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the workshop, and it is clearly understood that each Government, in nominating participants, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.