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International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energia Atómica

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2016-02-08

**Subject:** Invitation to a Workshop on Waste Acceptance Criteria Development and Use,  
Bucharest, Romania, 23-27 May 2016

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](mailto:Official.Mail@iaea.org)), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than **28 March 2016**.

Yours sincerely,

Martin Krause

Director

Division for Europe

Department of Technical Cooperation

Enclosure: Prospectus

# International Atomic Energy Agency

## Regional Workshop on Waste Acceptance Criteria Development and Use

### PROSPECTUS

- Project Number & Title:** RER9/143 Enhancing Radioactive Waste Management Capabilities
- Place (City, Country):** Bucharest, Romania
- Dates:** 23–27 May 2016
- Deadline for Nominations:** 28 March 2016
- Organizers:** The International Atomic Energy Agency (IAEA) in collaboration with the Government of Romania through the Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering
- Host Country Organizer:** Ms Felicia Nicoleta Dragolici  
Horia Hulubei 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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Email: fdrag@nipne.ro
- Language:** English
- Purpose:** The workshop objective is to discuss waste acceptance criteria (WAC) concepts and practices focusing on WAC development and use in management of low and intermediate level radioactive waste.
- Expected Output(s):** The expected outputs are from presentations aiming to share the international experiences and best practices achieved on developing and usage of WAC through radioactive waste lifecycle. The workshop should contribute to strengthening of knowledge of Member State representatives in radioactive waste management practices, and to an enhanced understanding of the process of WAC development.
- Scope and Nature:** This five-day workshop will include overview lectures to present international practices and requirements to development and use of WAC.

These overviews will be aligned to emphasise:

- The role of WAC in radioactive waste management and the relevance to the overall waste management system, highlighting the importance of waste characterization in this process;
- The various responsibilities of the different stakeholders involved, including national governments and regulatory bodies, waste generators, waste processors, storage facility operators and repository operators;
- Description of the process of development of WAC including administrative, quality and safety/technical requirements plus the content and structure of the WAC documentation.
- The radioactive waste acceptance process, from initial enquiry concerning anticipated waste to receipt of actual waste at a processing facility, store or disposal site. Emphasis should be given to the role of treatment/conditioning process qualification as a component of verification that WAC can meet.

The workshop will also include participants' presentations outlining Member State experience and issues related to development and use of WAC.

**Background  
Information:**

Every country that uses nuclear technology involving radioactive materials, including mining and milling of radioactive ores, generates radioactive waste. Such waste needs to be processed through segregation, treatment, conditioning and packaging to be either stored or disposed of. 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 Member States to address advanced approaches in radioactive waste management, such as waste minimization, recycling and reuse options, quality assurance and other requirements for predisposal waste management. The IAEA provided support to Member States through TC projects that have been active in several TC funding cycles, but more effort is needed to harmonize approaches for some specific waste streams e.g. naturally occurring radioactive material (NORM) waste, low activity but large volume liquid waste, and very low activity solid waste.

Through the lifecycle of radioactive waste there is a need for a careful and methodical development of well defined, clear, practicable and verifiable WAC via full dialogue and consultation with all relevant stakeholders, and with an understanding of the implications the specification of acceptance criteria may have on waste processing and waste form development to meet the criteria. It is essential that waste processing and waste storage facilities develop their WAC as far as practicable taking into account the requirement for waste disposability.

- Participation:** The target countries are: Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Georgia, Greece, Hungary, Kazakhstan, Kyrgyzstan, 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 RER/9/143 it provides an opportunity to engage participants from all national projects devoted to radioactive waste management, decommissioning and environmental remediation.
- Participants' Qualifications:** Participants should be operators or managers of radioactive waste processing and storage facilities or working in regulatory or supporting organizations with responsibility for management of low and intermediate level radioactive waste and sealed radioactive sources. The participants should prepare presentations outlining their experience and issues related to development and use of WAC.
- Nomination Procedure:** Please submit nominations to the IAEA online through the Department of Technical Cooperation's InTouch system (<http://intouch.iaea.org>). Only if this is not possible may nominations 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 (fax: +43-1-26007 or email [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org)), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than **28 March 2016**.
- Administrative and Financial Arrangements:** Nominating Governments will be informed in due workshop 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 at the prevailing UN rate of exchange. 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.