

# International Atomic Energy Agency

## Regional Workshop on Concepts and Designs of Low and Very Low Level Waste Disposal Facilities

### PROSPECTUS

- Project Number & Title:** RER/9/143 “Enhancing Radioactive Waste Management Capabilities”
- Place (City, Country):** Vilnius, Republic of Lithuania
- Dates:** 12-16 June 2017
- Deadline for Nominations:** 21 April 2017
- Organizers:** The International Atomic Energy Agency (IAEA) in collaboration with the Government of the Republic of Lithuania through the Radioactive Waste Management Agency (RATA)
- Host Country Organizer:** Ms Ineta Janušytė  
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- Language:** English
- Purpose:** The purpose of the Workshop is to support countries in identification of safe, technically correct, efficient, economically attractive and widely acceptable method for disposal of Very Low Level Waste (VLLW) and Low Level Waste (LLW).
- Almost each member state is exposed to the necessity to assure safe management of some amount of radioactive waste. The inventory of such waste differs country to country and different solutions could be suitable. The Workshop is oriented to present existing and planned concepts and designs of disposal facilities for VLLW and LLW.
- Expected Output(s):** As a result of the workshop, the increased knowledge and the provision of a range of disposal concepts will allow participants to strengthen the capacity and capability of Member States for safe disposal of VLLW and LLW.

**Scope and Nature:**

The five-day Regional Workshop will include lectures and structured discussions that highlight different requirements and illustrate best international practices and approaches to develop safe, technically correct, efficient, economically attractive and widely acceptable method for disposal VLLW and LLW. The topics will be aligned to emphasise:

- Overview of concepts and design of existing and planned very low level and low level radioactive waste disposal facilities.
- The considerations to be factored into the development of a comprehensive and robust strategic plan for radioactive waste management and how this plan needs to be interlinked with wider strategically important considerations. Particular attention will be given to the influence of country inventory to the selected / proposed solution.

The Workshop will include participants' presentations outlining experience and needs in their own Member State relating to concepts and design of existing/planned disposal facilities and waste to be disposed in these facilities.

**Background Information:**

Every country that uses nuclear technology involving radioactive materials generates radioactive waste. Such waste needs to be properly managed to be either recycled/reprocessed or safely disposed of. 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 disposal.

Proven technology exists and the workshop is organized to facilitate experience exchange between Member States to facilitate them recognize challenges and advantages of different disposal concepts and designs and help them to develop their own strategic plans to reflect policy decisions.

**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, 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 potential participants from other Member States with national projects devoted to radioactive waste disposal, especially those with small programmes and/or relatively limited inventories.

**Participants' Qualifications:**

Participants should be scientists, engineers and professionals responsible for planning, managing or operating disposal facilities. The intended participants also include appropriately qualified and experienced professionals working in government and responsible for developing national strategy for VLLW and LLW. Participants will also be selected from individuals employed by regulatory or technical support organisations with responsibility for radioactive waste disposal. Please note that participants are expected to

prepare presentations outlining their national experience of developing radioactive waste management programmes, highlighting especially recognised challenges and issues, as well as solutions. For the workshop will be prepared dedicated internet site inside DISPONET platform, so each participant will be requested to register in the DISPONET platform.

**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](mailto:Official.Mail@iaea.org)), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than **21 April 2017**.

**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 Vilnius, Republic of Lithuania, 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.