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International Atomic Energy Agency

Agence Internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

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2016-08-29

Subject: Invitation to a Interregional Workshop on Characterization and Inventory Management for Decommissioning, Karlsruhe, Germany, 5-9 December 2016

Dear National Liaison Officer,

I am pleased to invite you to send nominations of suitable candidates to participate in the above-mentioned meeting under the framework of TC Project INT/9/183– Overcoming the Barriers to Implementation of Decommissioning and Environmental Remediation Projects. 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 Karlsruhe, Germany 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 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 20 September 2016.

Yours sincerely,

Martin Krause

Director

Division for Europe

Department of Technical Cooperation

Enclosure: Prospectus

International Atomic Energy Agency

Interregional Workshop on Characterization and Inventory Management for Decommissioning

PROSPECTUS

- Project Number & Title:** INT/9/183 Overcoming the Barriers to Implementation of Decommissioning and Environmental Remediation Projects
- Place (City, Country):** Karlsruhe, Germany
- Dates:** 5-9 December, 2016
- Deadline for Nominations:** **20 September 2016**
- Organizers:** The International Atomic Energy Agency (IAEA) in collaboration with the Government of Germany through Karlsruher Institut für Technologie (KIT)
- Host Country Organizer:** Mr Dieter Schrammel
Karlsruher Institut für Technologie (KIT) Fortbildungszentrum für Technik und Umwelt (FTU)
Hermann-von-Helmholtz-Platz 1
76344 Eggenstein-Leopoldshafen
Germany
Tel: +49 721 6082 3252
Fax: +49 721 6082 4857
Email: Dieter.Schrammel@kit.edu
- Language:** English
- Purpose:** The primary objective of this workshop is to provide implementing and regulator organizations with appropriate analytical and project management tools for decommissioning planning particularly in the context of characterization and inventory management.
- Expected Output(s):** The workshop will enable the participants to understand the fundamentals of the main activities involved in characterization and associated inventory management, including the use of inventory information in the preparation of cost estimates for decommissioning. This understanding will enable them to be informed of the main needs in the planning and implementation of these projects.

Scope and Nature:

The workshop will take place over five days, providing:

- Lectures on key topics related to characterisation and inventory management and use of this information in the preparation of decommissioning cost estimates; and
- Interactive group exercises to demonstrate key concepts, methods and tools.
- Site visit to the permanent exhibition on the development of nuclear technology in Germany accommodated in building of the former FR2 (research reactor)

The primary focus of the workshop will be on interactive group exercises, with the time spent on classroom-based lectures being kept to a minimum. The group exercises will be related to characterization planning, inventory management and associated cost estimation for a reference facility, e.g. a research reactor.

The following topics will be addressed:

- Approaches to facility characterization and associated calculations
- Development of a characterization plan and inventory database
- Development of a costing case for the reference facility using CERREX software
- Data management

IAEA resource documents such as guides, standards and reports available to Member States will be used to support understanding of the effective implementation of research reactor decommissioning and material management.

It is anticipated that the workshop instructors will include experienced staff from organizations with extensive involvement in decommissioning.

Background Information:

Karlsruhe Institute of Technology (KIT) was founded in 2009 by a merger of Forschungszentrum Karlsruhe and Universität Karlsruhe. Its mission combines the roles of a technical university and a large-scale research institution of the Helmholtz Association conducting technology-related research on behalf of the Federal Republic of Germany. KIT's knowledge of decommissioning results from its proximity to several decommissioning projects on the same site which were formerly owned by Forschungszentrum Karlsruhe, now the responsibility of Energiewerke Nord GmbH (EWN).

Participation:

The workshop is open to up to 20 participants from IAEA Member States from the list of the target countries below. Participants will be selected based upon their qualifications and using a competitive selection basis. Selection of participants from Member States

outside Europe will be subject to coordination with, and availability of funding from, their respective TC programmes. Participants must be involved with or expected to be involved in a group engaged in decommissioning projects in nuclear facilities.

The target countries are Algeria, Argentina, Armenia, Azerbaijan, Bangladesh, Belarus, Brazil, Bulgaria, Chile, China, Croatia, Cuba, Czech Republic, Egypt, Estonia, Georgia, Greece, Hungary, Indonesia, Islamic Republic of Iran, Iraq, Jamaica, Jordan, Kazakhstan, Republic of Korea, Kuwait, Kyrgyzstan, Latvia, Libya, Lithuania, Malawi, Malaysia, Mexico, Mongolia, Morocco, Mozambique, Namibia, Niger, Pakistan, Peru, Philippines, Poland, Republic of Moldova, Romania, Russian Federation, Saudi Arabia, Serbia, Slovakia, Slovenia, South Africa, Tajikistan, The Former Yugoslav Republic of Macedonia, Uganda, Ukraine, United Arab Emirates, United Republic of Tanzania, Uzbekistan, Viet Nam and Zambia.

**Participants’
Qualifications:**

Participants should be technical staff from operating or service organizations, or technical advisors from engaged national bodies or regulators, who are personally involved in the decommissioning licensing process of projects and/or in the management of decommissioning projects. A basic understanding of radiological protection requirements in nuclear installations is necessary; exposure records over a 5-year period will be required by the Agency unless the participant is classified as an occupationally-exposed worker. They are expected to be from organizations involved in the IAEA Technical Cooperation project INT/9/183 and/or drawn from those who have expressed a strong interest in this activity via the IAEA International Decommissioning Network (IDN). Participants must be skilled in the discussion of technical issues in English.

**Nomination
Procedure:**

Nominations should be submitted on the standard IAEA Nomination Form for Meeting/Workshop and National Consultant (available on the IAEA website: <http://www.iaea.org/>). Completed forms should be endorsed by relevant national authorities and returned to the Agency through the official channels, i.e. the designated National Liaison Office for IAEA Matters.

The completed nomination forms should be sent to the Programme Management Officer for this project, Mr. Andrejs Salmins, through IAEA Official Fax (+43-1-26007) or E-Mail (Official.Mail@iaea.org), not later than 20 September 2016. Nominations received after this date or which have not been routed through the established official channels cannot be considered.

**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 Frankfurt or Stuttgart, Germany, coverage of the cost of further surface travel from Frankfurt or Stuttgart to Karlsruhe, Germany and return, 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.