



IAEA

Atoms for Peace and Development

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

Vienna International Centre, PO Box 100, 1400 Vienna, Austria

Phone: (+43 1) 2600 • Fax: (+43 1) 26007

Email: Official.Mail@iaea.org • Internet: <https://www.iaea.org>

In reply please refer to: ME-INT9183-1902592

Dial directly to extension: (+43 1) 2600-26540

National Liaison Officers /
National Coordinators:

2019-05-28

Subject: Interregional Workshop on Planning and Costing of Research Reactor Decommissioning Including Approaches to Characterization and Inventory Definition, Cadarache, France, from 21 to 25 October 2019

Dear National Liaison Officer / National Coordinator,

I am pleased to inform you that the International Atomic Energy Agency (IAEA) is organizing the above event under the IAEA technical cooperation project INT9183, "Overcoming the Barriers to Implementation of Decommissioning and Environmental Remediation Projects".

The purpose of the event is to discuss and exchange information on current good practice in the development of an outline for characterization and decommissioning plans, including cost estimates, for decommissioning of research reactors.

The attached Information Sheet provides further details, including technical and administrative aspects of the event. Selection of participants will be in accordance with IAEA procedures.

The IAEA will provide non-local participants with a round-trip air ticket based on the most direct and economical route between the airport nearest the participant's residence and Cadarache. Travel details will be agreed with the participants upon receipt of their official nomination. Participants will also receive an allowance from the IAEA sufficient to cover their costs of lodging, daily subsistence and miscellaneous expenses for the duration of the event in line with IAEA rules and procedures.

We would appreciate receiving your country's nominations by **9 August 2019** through the IAEA's InTouch+ platform (<https://Intouchplus.iaea.org>). Should this not be possible, applicants may download the Nomination Form for the course from the IAEA's webpage. Completed forms must be endorsed by the relevant government authority and may be sent to the IAEA, preferably by email to Official Mail - IAEA Mail address Official.Mail@iaea.org, with copy to Mr Jing Zhang J.Zhang@iaea.org. Please be advised that late nominations or replacements of participants after the closing date for nominations will not be accepted.

We look forward to receiving your early response.

Yours sincerely,



Jing Zhang
Programme Management Officer
Division for Europe
Department of Technical Cooperation

Enclosure: Information Sheet



Interregional Workshop on Planning and Costing of Research Reactor Decommissioning Including Approaches to Characterization and Inventory Definition

Hosted by

The Government of France

through the

Direction du Démantèlement pour les Centres Civils (DDCC/CCMA)
French Alternative Energies and Atomic Energy Commission

Cadarache, France

21 – 25 October 2019

Ref. No.: ME-INT9183-1902592

Information Sheet

Purpose

The purpose of the event is to discuss and exchange information on current good practice in the development of an outline for characterization and decommissioning plans, including cost estimates, for decommissioning of research reactors.

Working Language(s)

The working language of the event will be English.

Deadline for Nominations

Nominations received after **9 August 2019** will not be considered.

Project Background

Project INT/9/183 is concerned with sharing of experiences, good practices and lessons learned between relevant Member. This exchange promotes competence development relating to project implementation, including: (1) Iterative approaches to project planning which are linked to a progressively more detailed characterization of contamination levels and taking account of the end state to be achieved; (2) Management of inventory databases; (3) Project management and control, including cost estimation and optimisation of contracting strategies; (4) Optimising strategies for management of materials and waste; and (5) Technologies required for effective project implementation, based on good international practice.

Scope and Nature

The workshop will enable the participants to understand the fundamentals of cost estimation for decommissioning of research reactors, including the role of inventory information in the preparation of cost estimates. The main activities involved in characterization and associated inventory management will also be discussed, as will current approaches to addressing uncertainty and risk in the preparation of cost estimates.

The workshop will take place over five days, providing:

1. Discussions on key topics related to characterisation and inventory management and use of this information in the preparation of decommissioning cost estimates;
2. Interactive group activities focussing on key concepts, methods and tools, taking advantage of work being undertaken as part of the DACCORD project.
3. Visit to the Cadarache site, including one or more research reactor under permanent shutdown.

The primary focus of the workshop will be on interactive discussions and exchange of practical experience. These discussions will be related to characterization planning, inventory management and associated cost estimation for different types of research reactor.

The following topics will be addressed:

1. Approaches to facility characterization and associated calculations;
2. Development of a characterization plan and inventory database;
3. Development of a costing case for reference research reactors using CERREX software;
4. Addressing uncertainty and risk in decommissioning cost estimates; and
5. Data management.

Participation

The workshop is open to up to 20 participants from IAEA Member States. 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.

Participants' Qualifications and Experience

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 Technical Cooperation project INT/9/183 and/or drawn from those who have expressed interest in such activities via the International Decommissioning Network (IDN). Participants must be skilled in the discussion of technical issues in English.

Application Procedure

Candidates wishing to apply for this event should follow the steps below:

1. Access the IAEA TALEO page (<https://iaea.taleo.net/careersection/ex/jobsearch.ftl>) and complete the Candidate Profile.
2. Be registered on the Nucleus page of the IAEA (<https://nucleus.iaea.org/>).
3. Through Nucleus, access the InTouch+ platform where the Profile is completed (My Profile tab) (<https://nucleus.iaea.org/Pages/InTouchPlus.aspx>).
NOTE: The email used for TALEO and Nucleus must be the same. If not, the candidate's profile will not appear complete.
4. On the InTouch + platform, under the 'My InTouch +' tab, the candidate needs to:
 - a. select the institute / organization that he/she works at / represents ('My Institute' section);
 - b. click on the link called '**Refresh Personal History Form**' to update the system, *otherwise the nominations submitted will have these fields empty and it will not be possible to evaluate them during the selection of candidates* ('IAEA Recruitment Platform' section).
NOTE: Once the above steps are finalized, the candidate's profile will appear as completed and he/she can apply for Technical Cooperation events.
5. In the InTouch+ platform (<https://intouchplus.iaea.org>), in the 'Applications' tab, search by the event number provided in the invitation.

The help for each step is located at the top of the page. For additional help on how to register, create a profile and apply for an event, please refer to the online guide and training videos available under the following links: [how-to guide](#) and [training videos](#). Any issues or queries related to the new system can be addressed to InTouchPlus.Contact-Point@iaea.org or TC-AIPS-PL4.Contact-point@iaea.org.

Should this not be possible, applicants may download the Nomination Form for the ME from the IAEA website <https://www.iaea.org/services/technical-cooperation-programme/how-to-participate>.

Applications should contain sufficient information to establish that the nominees have the required qualifications. Please note that the information regarding LANGUAGE SKILLS, EDUCATION AND WORK EXPERIENCE is exported from TALEO. If an applicant's profile in TALEO is not updated, the information in INTOUCH+ for these sections appears as empty and the candidates cannot be evaluated. Completed applications need to be endorsed by the relevant national authority, i.e. the National Liaison Office and submitted through the established official channels.

Administrative and Financial Arrangements

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

Selected participants will receive an allowance from the IAEA sufficient to cover their costs of lodging, daily subsistence and miscellaneous expenses. They will also receive either a round-trip air ticket based on the most direct and economical route between the airport nearest their residence and the airport nearest the duty station through the IAEA's travel agency American Express, or a travel grant, or they will be reimbursed travel by car/bus/train in accordance with IAEA rules for non-staff travel.

Disclaimer of Liability

The organizers of the event 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 course, and it is clearly understood that each Government, in approving his/her participation, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.

Note for female participants

Any woman engaged by the IAEA for work or training should notify the IAEA on becoming aware that she is pregnant. The Board of Governors of the IAEA approved new International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources. The Standards deal specifically with the occupational exposure conditions of female workers by requiring, inter alia, that a female worker should, on becoming aware that she is pregnant, notify her employer in order that her working conditions may be modified, if necessary. This notification shall not be considered a reason to exclude her from work; however, her working conditions, with respect to occupational exposure shall be adapted with a view to ensuring that her embryo or foetus be afforded the same broad level of protection as required for members of the public.

IAEA Contacts

Programme Management Officer:

Mr Jing Zhang
Division for Europe
Department of Technical Cooperation
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA
Tel.: +43 1 2600 26540
Fax: +43 1 26007
Email: J.Zhang@iaea.org

Administrative Contact:

Ms Maide Bardhi
Division for Europe
Department of Technical Cooperation
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA
Tel.: +43 1 2600 24467
Fax: +43 1 26007
Email: M.Bardhi@iaea.org