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国际原子能机构

International Atomic Energy Agency

Agence Internationale de l'énergie atomique

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National Liaison Officers /

National Coordinators

In reply please refer to: ME-INT2023-2206103

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

2023-04-28

Subject: Interregional Workshop on the International and National Legal Frameworks for Small Modular Reactors (SMRs), Vienna, Austria, from 28 August to 1 September 2023

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 INT2023, "Supporting Member States' Capacity Building on Small Modular Reactors and Micro-reactors and their Technology and Applications as a Contribution of Nuclear Power to the Mitigation of Climate Change".

The purpose of the event is to raise awareness among participants and strengthen capacity building in international and national legal frameworks for SMRs and Micro Reactors (MRs).

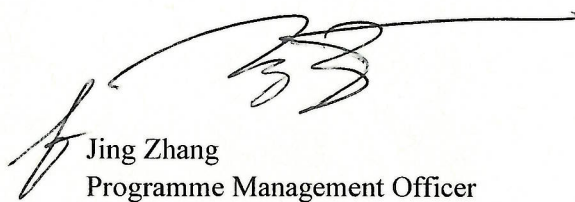
The attached Information Sheet provides further details, including technical and administrative aspects of the event. Selection of participants will be in accordance with IAEA procedures. Member States are strongly encouraged to identify women participants.

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 Vienna or a travel allowance to purchase an air ticket. 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 **31 May 2023** 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,

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke extending to the right.

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

Enclosure: Information Sheet



Interregional Workshop on the International and National Legal Frameworks for Small Modular Reactors (SMRs)

Hosted by

The International Atomic Energy Agency
IAEA Headquarters
Vienna, Austria

28 August to 1 September 2023

Ref. No.: ME-INT2023-2206103

Information Sheet

Purpose

The purpose of the event is to raise awareness among participants and strengthen capacity building in international and national legal frameworks for SMRs and Micro Reactors (MRs).

Working Language

The working language(s) of the event will be **English**.

Deadline for Nominations

Nominations received after **31 May 2023** will not be considered.

Project Background

To meet the growing demand for energy and mitigate global climate challenge, the interest in SMRs and MRs is growing, especially with regions inaccessible to large electricity grids and regions with smaller electricity grids that need technology options deployed incrementally to closely match increasing energy demand. SMRs and MRs are also viable options for users that need, beyond electricity supply, e.g., district heating, desalination, industrial process heat, as well as hydrogen production. The purpose of the project is to provide broad support to Member States in the development and deployment of SMRs and MRs. The project provides a broad range of fora to enable effective capacity building through training and technology transfer activities on all aspects of SMR development. The project also covers the emergence of MRs, the deployment of SMRs for electric and non-electric applications, and the coupling of such nuclear systems with renewables in integrated energy systems. The aim of the project is to enable national stakeholders to gain enhanced understanding of key characteristics of novel SMR and MR technologies and their applications, and to support, in line with relevant international instruments, the establishment by IAEA Member States of appropriate legislative and regulatory frameworks, as well as generic user requirements and criteria for SMR technologies.

In view of the interest of a number of Member States in the development and deployment of SMRs, it is necessary to improve the knowledge and to strengthen capacity building regarding the legal framework for novel SMR/MRs both at the international level in line with key legally binding and non-binding instruments in the areas of safety, security, safeguards and civil liability for nuclear damages and at the national level.

Scope and Nature

During this 5-day workshop, participants will receive lectures from experts and participate in interactive discussions.

By the end of the interregional workshop, participants are expected to be familiar with the following aspects of the international and national legal framework for SMRs:

- i. International legal instruments adopted under IAEA auspices covering safety, security, safeguards and civil liability for nuclear damage in the context of SMRs/MRs including:
 - Challenges in the interpretation and application of these instruments
 - Relevant rights and obligations of the parties under these instruments
 - Interactions between areas of nuclear law, maritime law and environmental law
- ii. The elements of national legislative and regulatory frameworks for SMR/MRs covering:
 - Main elements of a comprehensive nuclear law impacted by attributes of certain types of SMR/MRs;
 - Issues regarding the system of regulatory control including the licensing steps depending on deployment scenarios of certain types of SMR/MRs and the applicability of relevant safety standards and nuclear security guidance.
 - Issues regarding transportation and spent fuel and radioactive waste management and the applicability of relevant safety standards and nuclear security guidance.
- iii. On-going IAEA activities on the Milestones Approach as they pertain to the legislative and regulatory framework for SMR/MRs;

In addition, the workshop will provide opportunities for participants to network and continue sharing information and good practices as well as other potential follow-up tasks and coordinated activities, as appropriate.

Expected outputs

The expected output of the interregional workshop is to strengthen capacity in the following areas:

- International legal framework for SMRs and MRs covering safety, security, safeguards and civil liability for nuclear damage.
- National legislative and regulatory frameworks for SMRs and MRs covering safety, security safeguards and civil liability for nuclear damage.
- Main considerations when developing national legislative and regulatory frameworks for SMRs, depending on deployment scenarios.

Participation

The event is open to up to 40 participants from the following Member States participating in the TC Project INT2023:

Algeria, Argentina, Belarus, Bolivia, Brazil, Bulgaria, China, Croatia, Czech Republic, Egypt, Estonia, Ethiopia, Ghana, Greece, Guatemala, Hungary, Indonesia, Islamic Republic of Iran, Jamaica, Jordan, Kenya, Kuwait, Kyrgyzstan, Latvia, Libya, Malaysia, Mexico, Morocco, Nigeria, Pakistan, Peru, Philippines, Poland, Qatar, Romania, Rwanda, Saudi Arabia, Singapore, Slovakia, Slovenia, South Africa, Sri Lanka, Sudan, Thailand, Tunisia, Türkiye, United Republic of Tanzania, Uzbekistan, Zambia.

Participants' Qualifications and Experience

The target audience of the interregional workshop are those individuals working in Member States' regulatory bodies, governmental agencies and nuclear energy programme implementing organizations (NEPIOs) having a legal or regulatory background.

The activities will be conducted in English and candidates should have sufficient English proficiency to participate in the workshop without difficulty.

Application Procedure

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

1. Access the InTouch+ home page (<https://intouchplus.iaea.org>) using the candidate's existing Nucleus username and password. If the candidate is not a registered Nucleus user, she/he must create a Nucleus account (<https://websso.iaea.org/IM/UserRegistrationPage.aspx>) before proceeding with the event application process below.
2. On the InTouch + platform, the candidate must:
 - a. Finalize or update her/his personal details, provide sufficient information to establish the required qualifications regarding education, language skills and work experience ('Profile' tab) and upload relevant supporting documents;
 - b. Download and complete the [Designation of Beneficiary and Emergency Contact Form](#), and upload to InTouch+ ('Profile' tab under the personal section) specifying the document name. If already provided, kindly discard this step; and
 - c. Search for the relevant technical cooperation event (EVT2206103) under the 'My Eligible Events' tab, answer the mandatory questions and lastly submit the application to the required authority.

NOTE: Completed applications need to be approved by the relevant national authority, i.e. the National Liaison Office, and submitted to the IAEA through the established official channels by the provided designation deadline.

For additional support on how to apply for an event, please refer to the [InTouch+ Help page](#). Any issues or queries related to InTouch+ can be addressed to InTouchPlus.Contact-Point@iaea.org.

Should online application submission not be possible, candidates may download the nomination form for the meeting from the [IAEA website](#).

NOTE: A medical certificate signed by a registered medical practitioner dated not more than four months prior to starting date of the event must be submitted by candidates when applying for a) events with a duration exceeding one month, and/or b) all candidates over the age of 65 regardless of the event duration.

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 AX Travel Management, or a travel allowance, 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

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