IAEA
International Atomic Energy Agency
Atoms for Peace and Development

Interregional Workshop on Regulatory Infrastructure for Countries Embarking in Nuclear Power Programme and Self-Assessment

Hosted by

The Government of the Republic of Ghana

Through the

Ghana Atomic Energy Commission

Accra, Ghana

1-5 June 2026

Ref. No.: TN-INT2024-EVT2506052

Information Sheet

Purpose

The purpose of the event is to discuss key issues and topics related to developing an effective national safety regulatory infrastructure for a nuclear power programme (NPP) in line with IAEA Safety Requirements and SSG-16 (Rev. 1) including Integrated Regulatory Infrastructure for Safety (IRIS) self-assessment methodology and tool.

Working Language

The event will be conducted in **English**

Deadline for Nominations

Nominations received after **07 March 2026** will not be considered.

Project Background

As a low carbon source of energy, nuclear power is expected to play an increasing role in the energy mix of many countries around the world — for energy security and sustainable development, as well as for addressing environmental concerns. With more countries starting the operation of their first nuclear power plants (NPPs), as well as significant expansion in some countries, total global nuclear capacity is expected to grow despite the expected shutdown of several nuclear power plants in the coming years, with new technologies also expected to contribute in this regard. A nuclear power programme is a major undertaking requiring careful planning, preparation and investment in time, institutions and human resources. Nuclear power requires establishing a sustainable national infrastructure that provides governmental, legal, regulatory, managerial, technological, human resource, industrial and stakeholder support for the nuclear power programme throughout its life cycle.

The INT2024 project aims to support participating Member States in creating an enabling environment to facilitate the safe, secure and sustainable introduction or expansion of nuclear power. It is intended to address the common issues identified in many of those Member States. It builds on the lessons learned from three previous four-year interregional projects in this field of activity (INT2013, INT2018 and INT2021) with adaptations to match the needs of the Member States.

Scope and Nature

The workshop will include presentations on IAEA safety standards including SSG-16 (Rev. 1), and practical examples from Member States on the development of an effective and adequate national safety regulatory infrastructure for an NPP. Participants will also have the opportunity to share and discuss their national experiences in this regard.

Part of the event will be dedicated to train the participants on how to conduct a self-assessment using the IRIS methodology and the IRIS variant of the eSARIS online software, with the help of experts. The objective is for participants to gain the knowledge and understanding necessary to conduct a self-assessment of their national regulatory infrastructure for safety using the IAEA self-assessment methodology and the eSARIS/IRIS software. Participants are requested to bring a laptop computer.

Participants will work together throughout the training, exchanging ideas and experiences on the workshop topics.

References

- Fundamental Safety Principles, IAEA Safety Standards Series No. SF-1, IAEA, Vienna (2006)
- Governmental, Legal and Regulatory Framework for Safety IAEA safety standards series No. GSR Part 1 (Rev. 1), Vienna (2016)
- Leadership and Management for Safety IAEA safety standards series No. GSR Part 2, IAEA, Vienna (2016)
- Organization, Management and Staffing of the Regulatory Body for Safety IAEA safety standards series No. GSG-12, IAEA, Vienna (2018)
- Functions and Processes of the Regulatory Body for Safety IAEA safety standards series No. GSG-13, IAEA, Vienna (2018)Establishing the Safety Infrastructure for a Nuclear Power Program IAEA safety standards series No. SSG-16 (Rev.1), IAEA, Vienna (2020)

Expected outputs

Participants will improve their knowledge and expertise in development of the regulatory infrastructure for safety in accordance with the relevant IAEA safety standards following the recommendations provided by SSG-16 (Rev. 1) on progressively meeting all applicable IAEA safety requirements established during Phases 1–3 in the development of the safety infrastructure for a nuclear power programme.

Participants will be trained to carry out a self-assessment against Actions outlined in SSG-16 (Rev. 1) in implementing the IRIS methodology and the associated online software. In addition, they will have a clear understand on the conduct of an expert mission to review the status of their regulatory infrastructure for safety.

Participation

This event is designed for countries embarking in a nuclear power programme in late Phase 1 and Phase 2 as described in Nuclear Safety Infrastructure for a National Nuclear Power Programme Supported by the IAEA Fundamental Safety Principles (INSAG Series No. 22, IAEA, Vienna, 2008).

However, embarking countries that are in Phase 3 and have already developed a national regulatory framework to some extent may also benefit from the workshop in the sense that it will help them to assess and then identify gaps and areas that need improvement in their existing national system.

The event is open up to 25 participants from the following Member States participating in the INT/2024 project: Algeria, Argentina, Armenia, Azerbaijan, Bangladesh, Brazil, Bulgaria, Burkina Faso, Colombia, Czech Republic, Dominican Republic, Ecuador, Egypt, El Salvador, Estonia, Ethiopia, Ghana, Hungary, Indonesia, Iraq, Jamaica, Jordan, Kazakhstan, Kenya, Lithuania, Malaysia, Mexico, Mongolia, Morocco, Niger, Nigeria, Paraguay, Philippines, Poland, Romania, Rwanda, Saudi Arabia, Senegal, Serbia, Singapore, Slovakia, Slovenia, South Africa, Sri Lanka, Thailand, Tunisia, Türkiye, Uganda, Uzbekistan, Viet Nam, and Zambia.

Participants' Qualification and Experience

The participants should be staff of their respective national regulatory authorities responsible for drafting or enacting regulations and safety guides. The staff should be directly engaged in, or expected to become responsible for, the drafting of nuclear safety regulations.

Candidates should be knowledgeable and actively participating in daily activities connected to the preparation for regulating and controlling NPPs, such as preparation of regulations and regulatory guidance, review and assessment, licensing, inspection and enforcement. For the efficiency of the working sessions on drafting, it would be beneficial to consider having two participants per country to cover, first of all, technical aspects of the regulation and then also legal aspects.

The training will be conducted in English and regulations drafted by participants will be written in English as the working language. Thus, candidates should have sufficient English proficiency to participate in the training without difficulty.

Candidates are requested to include a summary of how this training will provide direct benefit to their current or future job position in their application.

Individuals who participated in this course or a similar course in the past three years should not apply.

Participants are encouraged to complete the following IAEA E-Learning Module before joining the course:

- **Implementing a Nuclear Power Programme**
  https://nucleus.iaea.org/sites/connect-members/cbh/publicpages/E_Learning_Modules/01/Default.htm

- **Safety Infrastructure**
  https://nucleus.iaea.org/sites/connect-members/cbh/publicpages/E_Learning_Modules/09/Default.htm

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;

   c. Search for the relevant technical cooperation event (EVT2506052) 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. **All nominations must include a scan of the candidate's first page of passport with photo.**

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 training course 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.

Training on Basic Security in the Field (BSITF)

In order to comply with UN system-wide security measures, it is required that all training course participants complete the online security awareness training BSAFE (which replaces BSITF and ASITF), prior to traveling to locations where UN security phases are in effect. The aim of these course is to educate participants on how best to avoid or minimize potential dangers and threats, and to demonstrate what individuals can do if they find themselves in insecure situations. The course is available online (https://training.dss.un.org/course/category/6).

Once an individual has completed the training, he/she must go back to the main training page to receive the certificate. If the button to get the certificate is not immediately visible, please refresh the page. BSAFE is maintained by UNDSS; in case of problems with the system, please contact UNDSS through the "Contact Us" page on the training website (https://dss.un.org/dssweb/contactus.aspx).

This certificate is compulsory for any IAEA-supported activity and should be submitted, along with the Nomination Form, through the competent authority in your country (NLO). Copies of the certificate should be kept by the candidate for his/her records as the BSAFE certificate does not expire.

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.

NOTE: The event will be hosted in the Republic of Ghana, therefore nominated participants who require a visa to enter the Republic of Ghana should submit the necessary application to the nearest diplomatic or consular representative of the Republic Ghana as soon as possible.

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.

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