



Interregional Workshop on Self-Evaluation on Infrastructure Development for New Nuclear Power Programmes

Hosted by

The International Atomic Energy Agency
IAEA Headquarters

Vienna, Austria

25 to 29 January 2027

Ref. No.: ME-INT2024-2506064

Information Sheet

Purpose

The purpose of the event is to train participants on the methodology, process and tools associated to the conduct of self-evaluation of the status of national nuclear infrastructure for a nuclear power programme, based on the IAEA's Milestones in the Development of a National Infrastructure for Nuclear Power and lessons learned from Integrated Nuclear Infrastructure Review (INIR) missions.

Working Language(s)

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

Deadline for Nominations

Nominations received after **16 November 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 focuses on the methodology, process and tools for the conduct of self-evaluation of the status of national nuclear infrastructure development by Member States considering, embarking on or expanding nuclear power programmes.

To assist Member States in conducting self-evaluation, the IAEA has developed an evaluation methodology for reviewing the status of each of the 19 infrastructure issues described in the Milestones approach throughout the three phases of nuclear power infrastructure development:

- Phase 1: Considerations before a decision to launch a nuclear power programme is taken;
- Phase 2: Preparatory work for the construction of a nuclear power plant after a policy decision has been taken;
- Phase 3: Activities to implement a first nuclear power plant.

Experience in embarking countries shows that self-evaluation is important at any stage, and latest towards the end of each phase, to review the status of the infrastructure, identify areas where further efforts are needed, and plan actions to address any gaps identified to complete the necessary infrastructure. Self-evaluation is also the basis for the conduct of the IAEA INIR service, an international peer review service which aims to assist requesting Member States in their evaluation. Lessons learned from INIR mission preparations in Member States allow to identify best practices for organizing the conduct of self-evaluation in Member States.

To further assist Member States in conducting self-evaluation, the IAEA has developed the Nuclear Infrastructure Development Information Management System (NIDIMS), a web-based platform that, among other features, facilitates the conduct of self-evaluation by providing additional guidance and allowing Member States to complete self-evaluations and organize related teamwork in an online secure platform.

This workshop will therefore cover the following topics:

- IAEA’s evaluation methodology, including the evaluation approach, evaluation conditions, identification of gaps and actions to address them, and templates available to facilitate self-evaluation;
- The self-evaluation process, including lessons learned and best practices for identifying the national organizations to be involved in the self-evaluation, organizing the coordination mechanism for the self-evaluation, identifying the teams for evaluating each infrastructure issue and reviewing/completing the self-evaluation;
- The Nuclear Infrastructure Development Information Management System (NIDIMS), focusing on the features and practical use of the NIDIMS self-evaluation module.

This workshop will include a combination of lectures, interactive exercises, discussions, case studies and peer-to-peer exchange of experiences and good practices. At the end of the workshop, participants will have gained competence and practical skills on the conduct of self-evaluation of the status of national nuclear infrastructure development and related IAEA publications, guidance and tools.

References:

- IAEA Nuclear Energy Series No. NG-G-3.1, Rev. 1, “Milestones in the Development of a National Infrastructure for Nuclear Power”.
- IAEA Nuclear Energy Series No. NG-G-3.2, Rev. 1, “Evaluation of the Status of National Nuclear Infrastructure Development”.
- IAEA Services Series 34, “Guidelines for Preparing and Conducting an Integrated Nuclear Infrastructure Review (INIR)”.
- IAEA TECDOC-1947, “Integrated Nuclear Infrastructure Review (INIR): Ten Years of Lessons Learned”.

Participation

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

Participants' Qualifications and Experience

The target audience of this event are individuals working in the Nuclear Energy Programme Implementing Organisation (NEPIO), Regulatory Body or Owner/Operator organisation. Individuals who are considered to manage/coordinate the self-evaluation in their respective organizations or at the national level will be given priority.

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

- **Other e-learning modules relevant to the area of the participants can also be accessed in**

[E-learning for Nuclear Newcomers | IAEA](#)

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 (EVT2506064) 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 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.

Training on Basic Security in the Field (BSITF)

In order to comply with UN system-wide security measures, it is required that all workshop 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 this 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 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.

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