



Technical Meeting on the Generic RoadMap for Establishing Nuclear Safety Infrastructure for a First Nuclear Reactor

**IAEA Headquarters
Vienna, Austria**

1 - 5 September 2025

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Information Sheet

Introduction

The introduction of a first nuclear reactor by any country is a complex undertaking that requires a well-organized and well-managed project to support all phases of establishing the safety infrastructure in an orderly and timely manner. This establishment spans from the initial consideration of a nuclear reactor through siting, design, construction, commissioning, and eventual operation stages. To assist countries embarking on a nuclear reactor project, the IAEA has been developing and implementing the Generic RoadMap (GRM). This initiative provides guidance and information on how to implement in a practical way the actions recommended in SSG-16 (Rev.1) to establish and maintain the safety infrastructure for a first nuclear reactor, meeting all applicable safety requirements. The GRM is supported by training materials, peer review services and a series of topical publications that supplement the relevant IAEA safety standards. These publications and training materials incorporate lessons learned, identified challenges, and implemented solutions from embarking, expanding, and experienced countries. In addition, the GRM introduces a centralized repository that supports the application of a systematic and strategic approach to establishing a nuclear safety infrastructure in compliance with the applicable IAEA safety standards, conducive to a high level of safety throughout the lifetime of the nuclear reactor. The centralized repository will make available feedback from Advisory and Peer Review missions and will facilitate the navigation to training modules and other IAEA assistance tools to successfully implement the recommended actions in SSG-16 (Rev. 1).

A Technical Meeting on the Generic RoadMap for Establishing Nuclear Safety Infrastructure for a First Nuclear Reactor (hereinafter referred to as the “event”) is to be held at the IAEA's Headquarters in Vienna, Austria, from 1 to 5 September 2025. During the event, the GRM Safety Report will be presented. This report provides guidance on a systematic and strategic approach to establish the nuclear safety infrastructure that complies with the relevant IAEA safety standards and is conducive to a high level of safety throughout the lifetime of a nuclear reactor. The document identifies the priorities organized in chronological order and related tasks within a typical timeline. Adhering to these priorities

and timelines ensures effective progress in developing the nuclear safety infrastructure.

The event will provide access to a broad scope of information for planning and establishing a nuclear safety infrastructure, including Member States' experience, lessons learned and practical information. This includes sharing the common challenges and issues encountered by new projects that have recently completed or are currently building a new nuclear reactor, together with the identified good practices and practical solutions to address the challenges through an interactive exchange of experiences and knowledge among participating regulatory bodies, operating organizations and government representatives of Member States at different phases of establishing the national nuclear infrastructure.

Objectives

The objective of the event is to exchange experience and lessons learned among Member States on planning, licensing, constructing, and commissioning nuclear reactors, and to present the developed tools, training modules and technical documents covering countries' experiences during the establishment of their nuclear safety infrastructure. Member State participants are encouraged to present their own experiences and lessons learned during the establishment of the nuclear safety infrastructure for a nuclear reactor. These presentations and associated case studies will serve as the basis for discussions and experience sharing during the meeting, creating opportunities for participants to engage in bilateral or multilateral interactions on relevant specific subjects. Participants will provide feedback on the GRM Safety Report as a practical approach to establish and maintain the national nuclear safety infrastructure from the early phases of a nuclear reactor project. Additionally, the event aims to collect feedback on potential gaps and the required assistance from the IAEA in this area.

Target Audience

The event is open to participants from key organizations involved in the development and implementation of nuclear reactor projects, including:

- Governmental organizations, including the organization responsible to coordinate the work and other organizations involved in infrastructure development, such as a NEPIO (Nuclear Energy Programme Implementing Organization) for a nuclear power programme;
- Regulatory bodies;
- Operating organizations, including owners/operators;
- External expert support entities, including technical and scientific support organizations; and
- Education and training organizations.

Participants are expected to be at a senior level and knowledgeable about the details of their country's national nuclear programme and authorized to describe and discuss in depth the experience and lessons learned in the nuclear safety infrastructure establishment. Participants should have a good working knowledge of English to enable them to actively contribute to the discussions.

Working Language(s)

English

Participation and Registration

All persons wishing to participate in the event have to be designated by an IAEA Member State or should be members of organizations that have been invited to attend.

In order to be designated by an IAEA Member State or invited organization, participants are requested to submit their application via the InTouch+ platform (<https://intouchplus.iaea.org>) to the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or organization for onward transmission to the IAEA by **30 June 2025**, following the registration procedure in InTouch+:

1. Access the InTouch+ platform (<https://intouchplus.iaea.org>):

- Persons with an existing NUCLEUS account can sign in to the platform with their username and password;
- Persons without an existing NUCLEUS account can register here.

2. Once signed in, prospective participants can use the InTouch+ platform to:

- Complete or update their personal details under ‘Complete Profile’ and upload the relevant supporting documents;
- Search for the relevant event under the ‘My Eligible Events’ tab;
- Select the Member State or invited organization they want to represent from the drop-down menu entitled ‘Designating Authority’ (if an invited organization is not listed, please contact InTouchPlus.Contact-Point@iaea.org);
- If applicable, indicate whether financial support is requested and complete the relevant information (this is not applicable to participants from invited organizations);
- Based on the data input, the InTouch+ platform will automatically generate the Participation Form (Form A) and/or the Grant Application Form (Form C);
- Submit their application.

Once submitted through the InTouch+ platform, the application, together with the auto-generated form(s), will be transmitted automatically to the required authority for approval. If approved, the application, together with the applicable form(s), will automatically be sent to the IAEA through the online platform.

NOTE: The application for financial support should be made, together with the submission of the application, by **30 June 2025**.

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

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and financial matters.

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency’s Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. The IAEA may also use the contact details of Applicants to inform them of the IAEA’s scientific and technical publications, or the latest employment opportunities and current open vacancies at the IAEA. These secondary purposes are consistent with the IAEA’s mandate. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

Expenditures and Grants

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the event.

The application for financial support should be made, together with the submission of the application by **30 June 2025**.

Venue

The event will be held at the Vienna International Centre (VIC) where the IAEA's Headquarters are located. Participants must make their own travel and accommodation arrangements.

General information on the VIC and other practical details, such as a list of hotels offering a reduced rate for IAEA participants, are listed on the following IAEA web page:

<https://www.iaea.org/events>.

Participants are advised to arrive at Checkpoint 1/Gate 1 of the VIC one hour before the start of the event on the first day in order to allow for timely registration. Participants will need to present an official photo identification document in order to be admitted to the VIC premises.

Visas

Participants who require a visa to enter Austria should submit the necessary application to the nearest diplomatic or consular representative of Austria at least four weeks before they travel to Austria. Since Austria is a Schengen State, persons requiring a visa will have to apply for a Schengen visa. In States where Austria has no diplomatic mission, visas can be obtained from the consular authority of a Schengen Partner State representing Austria in the country in question.

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Subsequent correspondence on scientific matters should be sent to the Scientific Secretary/Secretaries and correspondence on other matters related to the event to the Administrative Secretary.