



**IAEA**

International Atomic Energy Agency

*Atoms for Peace and Development*

# **Technical Meeting on Siting for Nuclear Power Plants**

**IAEA Headquarters  
Vienna, Austria**

**15–18 October 2019**

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## **Information Sheet**

### **Introduction**

A nuclear power programme is a major undertaking requiring careful planning, preparation and investment in time, institutions and human resources. While nuclear power is not alone in this respect, it is different because of the perception associated with using nuclear material, and the safety, security and safeguards requirements. The IAEA's Milestones Approach identifies 19 infrastructure issues that should be addressed in each of three phases of the development of nuclear infrastructure for a nuclear power programme. One of these 19 infrastructure issues is focused on siting and supporting facilities for nuclear power plants.

The identification of appropriate site(s) is a project that needs to begin early and include appropriate stakeholder involvement to facilitate acceptance of a project. Most Member States of the IAEA that are considering nuclear power have no or little experience of siting and site evaluation activities specific to nuclear power plant.

A well-planned and managed site survey and selection process, considering safety, environmental, technical, economic and social factors, will ensure the proper choice of site and help the nuclear power programme and associated site related projects to be completed in a timely manner. If not properly planned and executed, it may result in major delays to the programme. It is therefore important to (i) share

experiences and good practices related to this subject; (ii) highlight the importance of establishing a comprehensive management system with methodologies for planning and implementing the siting activities; (iii) further emphasize the importance of safety in siting; (iv) provide introduction on the site evaluation activities that follows the selection of appropriate site(s) and (v) ensure that the required quality of the activities is achieved.

In 2012, the International Atomic Energy Agency (IAEA) published IAEA Nuclear Energy Series No. NG-T-3.7, entitled *Managing Siting Activities for Nuclear Power Plants*. This publication was published in response to Member State (MS) requests for practical guidance on managing and coordinating the selection and evaluation of possible sites for a nuclear power plant NPP among all stakeholders, including regulators. The publication was developed to complement IAEA Safety Guides and related publications to provide guidance on siting issues related to management, technical, economic, environmental and social factors. It is a key technical report supporting the widely-accepted Milestones Approach to introducing nuclear power.

After several years of Member States' use of the guidance contained in NG-T-3,7 and in the light of the outcomes of expert missions, workshops and Technical Meetings, the IAEA Secretariat has identified some areas for revision to strengthen the guidance provided to Member States with regard to stakeholder involvement. Some of the areas identified is the to provide a more holistic guidance on developing all aspects of the site and supporting facilities infrastructure in all phases of siting, not only management aspects during siting for nuclear power plants. In addition, the revision also included providing additional information on the interaction of siting infrastructure issue with other 19 infrastructure issues within the framework of a national nuclear project; considering changes in the revised Safety Requirements SSR-1 *Site Evaluation for Nuclear Installations (2019)*, Safety Guide SSG-35 *Site Survey and Selection for Nuclear Installations (2015)*, along with other new guides and documents.

In addition to several other important topics and activities, this Technical Meeting will also address the revision of the above-mentioned publication.

## **Objectives**

The purpose of the meeting is to identify and discuss challenges and good practices related to the siting and supporting facilities for nuclear power plants during each phase of nuclear power infrastructure development. The IAEA has revised its guidance document on this topic — *Managing Siting Activities for Nuclear Power Plants* (IAEA Nuclear Energy Series No. NG-T-3.7) — and the draft text of the updated version will be shared with participants in advance of the meeting. The meeting will provide an opportunity to present the revised publication, exchange information among countries and learn the lessons afforded by case studies from existing nuclear power programmes.

## **Target Audience**

Prospective participants should be actively involved in coordinating the development of the necessary national infrastructure for nuclear power. These individuals should be directly involved in the decision-making process related to the nuclear power programme in their respective countries.

Participation in the meeting is open to qualified participants from Member States that are considering, planning, or implementing new or expanding nuclear power programmes, preferably from the main organizations involved in the programme (government, nuclear energy programme implementing organization, regulatory bodies, utilities). Prospective participants should be actively involved in coordinating and managing siting and site evaluation projects in their respective countries and are familiar with related IAEA publications.

Prior to the event, participants are expected to complete the IAEA e-learning module on **Site and supporting facilities** (a module in the IAEA “[E-learning for Nuclear Newcomers](#)” series). Participants are advised to also review the e-Learning module on Implementing a Nuclear Power Programme – Introduction and other e-Learning modules as appropriate.

## Working Language(s)

The working language of the event will be English.

## Topics

This meeting is an opportunity for the exchange of specific information, experiences, good practices, lessons learned, and practical examples regarding the siting and supporting facilities for nuclear power plants. The meeting will:

- Provide an opportunity to present the revised publication and exchange information on good practices, current experiences, and case studies;
- Allow participants to further improve their knowledge of the associated issues; and
- Offer a forum to discuss challenges, concerns and issues arising from the specific infrastructure implementation issues and the potential means of resolving those issues.

The meeting will consist of several sessions devoted to siting and supporting facilities within the three phases of the Milestones Approach. The sessions will comprise presentations/lectures by external experts, IAEA staff, and participants from Member States experienced in the siting and site evaluation; case studies and working group sessions / interactive discussions to highlight challenges, lessons learned and actual or potential solutions. There will be discussion periods after each issue has been presented to adequately address questions from all participants. Representatives of selected participating countries will be asked to give a presentation on their national activities following a template provided for that purpose.

## 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, participants are requested to send the **Participation Form (Form A)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) for onward transmission to the IAEA by **15 August 2019**. Participants who are members of an organization invited to attend are requested to send the **Participation Form (Form A)** through their organization to the IAEA by above deadline.

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

Please note that the IAEA is in a transition phase to manage the entire registration process for all regular programme events electronically through the new InTouch+ (<https://intouchplus.iaea.org>) facility, which is the improved and expanded successor to the InTouch platform that has been used in recent years for the IAEA's technical cooperation events. Through InTouch+, prospective participants will be able to apply for events and submit all required documents online. National authorities will be able to use InTouch+ to review and approve these applications. Interested parties that would like to use this new facility should write to: [InTouchPlus.Contact-Point@iaea.org](mailto:InTouchPlus.Contact-Point@iaea.org).

## 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 using the **Grant Application Form (Form C)**, which has to be stamped, signed and submitted by the competent national authority to the IAEA together with the **Participation Form (Form A)** by **15 August 2019**.

## 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: <http://www-pub.iaea.org/iaeaevents/GeneralInfo/Guide/VIC>.

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.

## **IAEA Contacts**

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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.