



Atoms for Peace and Development

الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

Vienna International Centre, PO Box 100, 1400 Vienna, Austria

Phone: (+43 1) 2600 • Fax: (+43 1) 26007

Email: Official.Mail@iaea.org • Internet: <https://www.iaea.org>

In reply please refer to: EVT2003707

Dial directly to extension: (+43 1) 2600-22504

The Secretariat of the International Atomic Energy Agency (IAEA) presents its compliments to the IAEA's Member States and has the honour to draw their attention to the **Technical Meeting on the Milestones Approach in the Development of a National Infrastructure for Nuclear Power** (hereinafter referred to as "event") to be held at the IAEA's Headquarters in Vienna, Austria, from **27 to 29 October 2021**.

In addition, the event will allow for virtual participation via Cisco Webex.

The purpose of the event is to gather feedback from Member States for the revision of the IAEA publication *Milestones in the Development of a National Infrastructure for Nuclear Power* (IAEA Nuclear Energy Series No. NG-G-3.1 (Rev.1)).

The attached Information Sheet provides further details of the event.

The event will be held in English.

Member States are invited to designate one or more participants to represent the Government at this event. Member States are strongly encouraged to identify suitable women 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 at the time of designating the participant(s) using the attached Grant Application Form (Form C).

It should be noted that compensation is not payable by the IAEA for any damage to or loss of personal property. The IAEA also does not provide health insurance coverage for participants in IAEA events. Arrangements for private insurance coverage on an individual basis should therefore be made. The IAEA will, however, provide insurance coverage for accidents and illnesses that clearly result from any work performed for the IAEA.

Designations should be submitted to the IAEA through the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) not later than **20 August 2021** using the attached Participation Form (Form A). Completed and authorized Participation Forms should be sent either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Copies should be sent by email to the Scientific Secretary of the event, Mr Jose Bastos (Email: J.Bastos@iaea.org), of the Division of Nuclear Power, Department of Nuclear Energy, and to the Administrative Secretary, Ms Valentyna Dzyubenko (Email: V.Dzyubenko@iaea.org). The Scientific Secretary of the event will liaise with the participants directly concerning further arrangements, including travel details, as appropriate, once the official designations have been received.

The IAEA takes no responsibility for, and the provider of the virtual meeting services has represented and warranted that the Services shall not contain, and that no end user shall receive from the software used to hold the virtual meeting, any virus, worm, trap door, back door, timer, clock, counter or other limiting routine, instruction or design, or other malicious, illicit or similar unrequested code, including surveillance software or routines which may, or is designed to, permit access by any person, or on its own, to erase, or otherwise harm or modify any data or any system, server, facility or other infrastructure of any end user (collectively, a “Disabling Code”).

The Secretariat of the International Atomic Energy Agency avails itself of this opportunity to renew to the IAEA’s Member States the assurances of its highest consideration.



2021-06-29

Enclosures: Information Sheet

Participation Form (Form A)

Grant Application Form (Form C)



IAEA

International Atomic Energy Agency

Atoms for Peace and Development

Technical Meeting on the Review of Milestones in the Development of a National Infrastructure for Nuclear Power

IAEA Headquarters, Vienna, Austria

and virtual participation via Cisco Webex

27–29 October 2021

Ref. No.: EVT2003707

Information Sheet

Introduction

To introduce nuclear power, a wide range of infrastructure issues needs to be considered. The IAEA described these issues in the 2007 brochure *Considerations to Launch a Nuclear Power Programme*, targeted mainly at policy makers. Later that year, the IAEA followed up with the original version of this publication, *Milestones in the Development of a National Infrastructure for Nuclear Power*, which expanded the three phases of development outlined in the brochure and laid out a sequential process to develop a nuclear power programme. It provided a more detailed description for a broader audience of the full range of infrastructure issues to be addressed and the expected level of achievement for each issue by the end of each phase.

Milestones in the Development of a National Infrastructure for Nuclear Power, or ‘Milestone Approach’ was well received from its publication. It is widely used, and its framework and terminology have been broadly adopted.

In 2015 the revision 1 of the ‘Milestones Approach’ was issued. It took into account lessons learned from the 2011 Fukushima Daiichi accident and the implementation of the IAEA Action Plan on Nuclear Safety. Also the original publication was framed in the context of a competitive bidding process, assuming this would apply in most cases. However, other approaches were observed in embarking countries, involving, for example, strategic partners, sole suppliers and direct negotiations through intergovernmental agreements. This feedback was also incorporated in the document.

Six years after the revision 1 of the ‘Milestone Approach’, two embarking countries that developed their national programmes based on the methodology proposed in the document, started operating their first units. Other embarking countries are in the stage of negotiating contracts with technology providers or are in an advanced stage of infrastructure development. Moreover, more than 30 INIR missions were conducted where gaps and best practices were identified.

Recently several embarking and expanding countries expressed an interest on SMRs and requested the IAEA support on the application of the ‘Milestones Approach’. A Technical Meeting was held in 2020 and concluded that the 19 issues of the Milestones approach apply as well to programmes based on SMRs; however some aspects of the infrastructure could be implemented or considered differently. Among others, this is the case of the issues related to financing, regulatory framework, emergency planning, siting, and industrial involvement.

The current revision of the publication is intended to incorporate the lessons learned from Member States in using the ‘Milestones Approach’, present the main findings of INIR missions as well as to reflect the differences in the infrastructure required for a large nuclear power plant and that of a SMR.

Objectives

The objectives of the meeting are threefold:

- Collect feedback from Member States on the use of the ‘Milestones Approach’;
- Discuss specific infrastructure considerations for SMRs to be included in the publication and how to address them;
- Discuss topics of the publication requiring changes or improvements.

Target Audience

The meeting is open to participants from key organizations in embarking countries responsible for nuclear power programme infrastructure development. The meeting is also open to representatives from Member States with nuclear power plant operating experience that are considering to expand their fleet of reactors.

Participants should have experience with the ‘Milestones Approach’ and be authorized to describe and discuss in depth the experience and lessons learned. Participants should have a good working knowledge of English to enable them to actively contribute to the discussions.

Working Language

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, 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 **20 August 2021**. 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 the above deadline.

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. Further information can be found in the Data Processing Notice concerning IAEA InTouch+ platform.

Expenditure 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 **20 August 2021**.

Venue

The event will be held at the Vienna International Centre (VIC), where the IAEA's Headquarters are located, specifically in Press Room, Building M, and will start at 9.30 a.m. on Wednesday, 27 October 2021, and end at 1 p.m. on Friday, 29 October 2021. 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

Scientific Secretary:

Mr Jose Bastos

Division of Nuclear Power
Department of Nuclear Energy
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA

Tel.: +43 1 2600 22504

Fax: +43 1 2600 29598

Email: J.Bastos@iaea.org

Administrative Secretary:

Ms Valentyna Dzyubenko

Division of Nuclear Power
Department of Nuclear Energy
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA

Tel.: +43 1 2600 26736

Fax: +43 1 2600 29598

Email: V.Dzyubenko@iaea.org

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.

Participation Form

Technical Meeting on the Milestones Approach in the Development of a National Infrastructure for Nuclear Power

IAEA Headquarters, Vienna, Austria and virtual participation via Cisco Webex

27–29 October 2021

To be completed by the participant and sent to the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA) either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary J.Bastos@iaea.org and to the Administrative Secretary V.Dzyubenko@iaea.org.

Deadline for receipt by IAEA through official channels: 20 August 2021

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms
Institution:		
Full address:		
Tel. (Fax):		
Email:		
Nationality:	Representing following Member State/non-Member State/entity or invited organization:	
If/as applicable: Do you intend to submit a paper? Yes <input type="checkbox"/> No <input type="checkbox"/> Would you prefer to present your paper as a poster? Yes <input type="checkbox"/> No <input type="checkbox"/> Title: I plan to attend virtually: Yes <input type="checkbox"/> No <input type="checkbox"/>		

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. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

Grant Application Form

Technical Meeting on the Milestones Approach in the Development of a National Infrastructure for Nuclear Power

IAEA Headquarters, Vienna, Austria and virtual participation via Cisco Webex

27–29 October 2021

To be completed by the participant and sent to the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA) either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary J.Bastos@iaea.org and to the Administrative Secretary V.Dzyubenko@iaea.org.

Deadline for receipt by IAEA through official channels: 20 August 2021

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yy/mm/dd):	Nationality:	
I plan to attend virtually:	Yes <input type="checkbox"/> No <input type="checkbox"/>	

1. Education (post-secondary):

Name and place of institution	Field of study	Diploma or Degree	Years attended	
			from	to

2. Recent employment record (starting with your present post):

Name and place of employer/ organization	Title of your position	Type of work	Years worked	
			from	to

3. Description of work performed over the last three years:

4. Institute's/Member State's programme in field of event:

Date: Signature of applicant: _____

Date: Name, signature and stamp of Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority _____