



# IAEA

*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

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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 Costing Approaches for Nuclear Infrastructure Development** (hereinafter referred to as "event") to be held at the ÚJV Řež a.s., in Rez, Czech Republic, from **5 to 9 September 2022**.

The purpose of the event is to discuss costing approaches for infrastructure development. Infrastructure refers here to both physical infrastructure (e.g. grid extensions) and 'soft' infrastructure (e.g. the development of a regulatory body). The IAEA's Milestones approach will serve as a reference and a starting point for this event.

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 participants 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 **15 June 2022** using the attached Participation Form (Form A). Completed and authorized Participation Forms should be sent either by email to: [Official.Mail@iaea.org](mailto: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 Saied Dardour, Division of Planning, Information and Knowledge Management, Department of Nuclear Energy (Email: [S.Dardour@iaea.org](mailto:S.Dardour@iaea.org)), and to the Administrative Secretaries, Ms Valerie Gartner (Email: [V.Gartner@iaea.org](mailto:V.Gartner@iaea.org)) and Ms Eugenie Hartzell (Email: [E.T.B.Hartzell@iaea.org](mailto:E.T.B.Hartzell@iaea.org)). The Scientific Secretary of the event will liaise with the participants directly concerning further arrangements, including travel details, as appropriate, once official designations have been received.

Should Governments wish, in addition, to appoint one or more observers to assist and advise the designated participants, they are kindly requested to inform the IAEA of the names and contact details of any such observers by the above date. In accordance with the established rules, Governments are expected to bear the cost of attendance of any observers they may send to IAEA events. Compensation is not payable by the IAEA for any damage to or loss of observers' personal property or for illness, injury or death occurring while travelling to or in connection with their attendance at IAEA events.

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.



2022-02-03

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 Costing Approaches for Nuclear Infrastructure Development**

**Hosted by the**

**Government of the Czech Republic**

**through the**

**ÚJV Řež a.s.**

**Rez, Czech Republic**

**5–9 September 2022**

**Ref. No.: EVT2003564**

## **Information Sheet**

### **Introduction**

The *Technical Meeting on Costing Approaches for Nuclear Infrastructure Development* brings project developers in Member States to discuss methodologies for planning and estimating the costs associated with nuclear programmes and nuclear newbuild project development activities.

‘Development’ refers here to activities aimed at creating an *enabling programme environment* prior to nuclear power plant construction and leading to the successful design, construction, commissioning, start-up, warranty tests and acceptance of the nuclear new-build project. Its scope covers the period immediately following the decision about the start of the NPP project implementation and ending with the start of the construction of the nuclear power plant. The scope incorporates, in fact, the overall nuclear programme development ensuring the appropriate institutional, legal, regulatory environment to make a knowledgeable commitment and decide on the project.

The activities carried out during this period aim at making sure that:

- A capability to plan and execute the construction project has been developed;
- Site assessment activities were clearly defined;
- (In case of imported nuclear technology,) a clear roadmap, on how to adapt the design to the new regulatory framework, was developed;
- Design is completed in necessary scope;
- Design control and change management processes were properly set;
- Regulatory and environmental issues have been resolved;
- Nuclear qualified equipment and materials are available;
- Qualified manpower is available;
- NPP related nuclear infrastructure is available.

## Objectives

The main purpose of this Technical Meeting is to facilitate the exchange of information on planning and cost estimation methodologies for activities carried out prior to reactor construction, for instance:

- Development of a project management, planning and execution capability for:
  - Establishment of an integrated management system;
  - Project control and organization;
  - Engineering management;
  - Licensing management;
  - Supply chain management;
  - Construction management;
- Project engineering work (plant conceptual design; basic and detailed design engineering; preparation and review of equipment and plant specifications);
- Licensing, safeguards and physical protection activities (safety analysis report; licensing application);
- Procurement engineering and supply chain management.

Meeting participants, from both nuclear newcomer countries and established nuclear Member States, are invited to share their perspective and to provide country-specific examples and case studies.

Keynote speakers, with direct experience in planning and implementing nuclear programmes and projects, will highlight their own perspective, challenges and lessons learned.

## Target Audience

The meeting is open to representatives of nuclear power organizations and financial and economic institutions in Member States considering nuclear newbuilds, in particular government bodies, NEPIOs, research institutions, national environmental agencies, national economic planning institutions, project promoters and owners/operators, performing, or evaluating, pre-feasibility and feasibility studies, and cost-benefit analyses.

Participants should be knowledgeable about the details of their country's national strategies and specific plans and willing to share their experience and lessons learned in analysing the costs and benefits attached to their projects, and in assessing their feasibility and competitiveness.

## 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, 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 June 2022**. 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 technical 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.

## 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 June 2022**.

## Venue

The event will be held at the premises of the Nuclear Research Institute Řež Headquarters approximately 20 km from Prague in the Czech Republic where the research facilities of the Nuclear Research Institute Řež are located. There is a direct city rail connection from the Prague Masaryk Railway Station which is located in the Prague city centre.

Address:

ÚJV Řež, a.s.  
Husinec – Řež  
HLAVNÍ 130  
250 68 CZECH REPUBLIC

The counterpart at the Nuclear Research Institute Řež in Prague, Czech Republic is:

Ms Alena Rosakova  
ÚJV Řež, a. s.  
Hlavni 130, Rez  
250 68 Husinec  
CZECH REPUBLIC  
Email: [alena.rosakova@ujv.cz](mailto:alena.rosakova@ujv.cz)  
Tel.: +420 266 172 289

## Visas

Participants who require a visa to enter the Czech Republic should submit the necessary application as soon as possible to the nearest diplomatic or consular representative of the Czech Republic.

## IAEA Contacts

### Scientific Secretary:

#### Mr Saied Dardour

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Fax: +43 1 26007

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## **Administrative Secretaries:**

### **Ms Valerie Gartner**

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





# Participation Form

## Technical Meeting on Costing Approaches for Nuclear Infrastructure Development

ÚJV Řež a.s., Rez, Czech Republic

5–9 September 2022

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](mailto: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 [S.Dardour@iaea.org](mailto:S.Dardour@iaea.org) and to the Administrative Secretaries [V.Gartner@iaea.org](mailto:V.Gartner@iaea.org) and [E.T.B.Hartzell@iaea.org](mailto:E.T.B.Hartzell@iaea.org).

Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

**Deadline for receipt by IAEA through official channels: 15 June 2022**

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:		

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.



# Grant Application Form

## Technical Meeting on Costing Approaches for Nuclear Infrastructure Development

ÚJV Řež a.s., Rez, Czech Republic

5–9 September 2022

To be completed by the applicant 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](mailto: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 [S.Dardour@iaea.org](mailto:S.Dardour@iaea.org) and to the Administrative Secretaries [E.T.B.Hartzell@iaea.org](mailto:E.T.B.Hartzell@iaea.org) and [V.Gartner@iaea.org](mailto:V.Gartner@iaea.org).

**Deadline for receipt by IAEA through official channels: 15 June 2022**

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: \_\_\_\_\_

Page 2

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