



*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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In reply please refer to: **EVT2103567**

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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 the Planning and Implementation of Nuclear Cogeneration Projects** (hereinafter referred to as "event") to be held at the IAEA's Headquarters in Vienna, Austria, from **30 May to 1 June 2022**.

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

The purpose of the event is to provide an overview of existing nuclear cogeneration projects; to discuss the planning and implementation of nuclear cogeneration projects; and to discuss an update of the IAEA's Milestones approach to include nuclear cogeneration.

The attached Information Sheet provides further details of the event.

The event will be held in English.

Member States are invited to designate one participant 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 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 **28 March 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, Ms Alina Constantin, Division of Nuclear Power, Department of Nuclear Energy (Email: [A.Constantin@iaea.org](mailto:A.Constantin@iaea.org)) and to the Administrative Secretary, Ms Mercedes Nicole Córdova Jurak (Email: [M.Cordova-Jurak@iaea.org](mailto:M.Cordova-Jurak@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.



2022-01-11

Enclosures: Information Sheet

Participation Form (Form A)

Grant Application Form (Form C)



# **Technical Meeting on the Planning and Implementation of Nuclear Cogeneration Projects**

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

**30 May–1 June 2022**

**Ref. No.: EVT2103567**

## **Information Sheet**

### **Introduction**

In the context of urgent actions needed to achieve climate change goals, there is a growing interest in nuclear cogeneration in some of the Member States, i.e. using nuclear power plants not only for electricity generation but also to provide simultaneously electricity and process heat for other industrial applications such as district heating, hydrogen production, seawater desalination or other industrial processes. Despite a limited practice as of today, nuclear cogeneration has been successfully implemented in several projects worldwide and the existent experience is valuable for Member States considering planning and implementation of nuclear cogeneration projects.

This technical meeting aims to focus on the capitalization of nuclear heat for industrial process and review the existent experience available and captured in the IAEA Nuclear Energy Series No. NP-T-4.3 “Industrial Applications of Nuclear Energy”, including an overview of the potential of microreactors and small modular reactors for particular applications to industrial processes (such as extraction of tertiary oil resources, assistance in the synthesis of chemical feedstock, production of pulp and paper etc).

## **Objectives**

The objectives of the meeting are the following:

- Collect up-to-date information on industrial projects and programmes on nuclear process heat, addressing aspects related to project planning and implementation, stakeholder involvement, technical aspects related to coupling of the reactor with the industrial plant, challenges in implementation;
- Review the IAEA Nuclear Energy Series No. NP-T-4.3 “Industrial Applications of Nuclear Energy” and recommend aspects to consider for its revision;
- Provide a forum for sharing information and knowledge on the existing R&D projects that addresses nuclear cogeneration with a particular emphasize on nuclear heat for industrial processes; and
- Provide advice and guidance on future IAEA activities relating to industrial applications of nuclear energy.

## **Target Audience**

The event is intended for project managers, decision makers, engineers and other stakeholders with relevant experience in nuclear cogeneration projects, coupling of industrial plants to nuclear power plants and associates issues, in countries with operating nuclear power plants, countries pursuing deployment of advanced reactor technologies in the view of producing hydrogen and capitalizing nuclear energy for industrial process heat, as well as newcomer countries interested in the topic and the steps needed for implementation of such projects.

## **Working Language**

The working language of the meeting will be English with no interpretation provided. All communications, abstracts and papers must be submitted in this language.

## **Expected Outputs**

The main expected outputs of this meeting are: collecting up-to-date information on industrial projects and programmes on nuclear process heat; review the IAEA Nuclear Energy Series No. NP-T-4.3 “Industrial Applications of Nuclear Energy” and recommend aspects to consider for its revision; a technical report summarizing the discussions held.

## **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 **28 March 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 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.

## 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 **28 March 2022**.

## 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:

[www.iaea.org/events](http://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.

## **IAEA Contacts**

### **Scientific Secretary:**

#### **Ms Alina Constantin**

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Division of Nuclear Power  
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### **Administrative Secretary:**

#### **Ms Mercedes Nicole Córdova Jurak**

Nuclear Power Technology Development Section  
Division of Nuclear Power  
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Tel.: +43 1 2600 22815

Fax: +43 1 26007

Email: [M.Cordova-Jurak@iaea.org](mailto:M.Cordova-Jurak@iaea.org)

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

# Participation Form

## Technical Meeting on the Planning and Implementation of Nuclear Cogeneration Projects

IAEA Headquarters Vienna, Austria and virtual participation via Cisco Webex

**30 May–1 June 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 [A.Constantin@iaea.org](mailto:A.Constantin@iaea.org) and to the Administrative Secretary [M.Cordova-Jurak@iaea.org](mailto:M.Cordova-Jurak@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: 28 March 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:	
Do you intend to make a presentation?                      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.





# Grant Application Form

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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 [A.Constantin@iaea.org](mailto:A.Constantin@iaea.org) and to the Administrative Secretary [M.Cordova-Jurak@iaea.org](mailto:M.Cordova-Jurak@iaea.org).

**Deadline for receipt by IAEA through official channels: 28 March 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: \_\_\_\_\_

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