IAEA
International Atomic Energy Agency
Atoms for Peace

Technical Meeting on the Status of Cogeneration Projects in Member States

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

16-19 November 2026

Ref. No.: EVT2503599

Information Sheet

Introduction

The urgent need to reduce carbon emissions, combined with concerns over energy security and resilience, are driving increasing interest of Member States in nuclear energy. Nuclear cogeneration enables the use of nuclear power plants for the simultaneous generation of electricity and supply of process heat. This ability to directly provide large amounts of carbon-free heat represents a distinctive advantage of nuclear energy, compared to other low-carbon energy technologies, which can significantly help address the decarbonization of industrial and residential sectors beyond power and electrification.

Nuclear cogeneration has already been successfully demonstrated in several Member States, and although to date this practice has only been implemented on a limited scale, multiple projects are currently underway, whether in the planning stage or implementation. Nuclear cogeneration applications include district heating, hydrogen production, seawater desalination, and industrial processes. Notably, nuclear heat, is also being considered by a growing number of countries and industries, which had not previously envisaged the use of nuclear energy in their energy planning. Hard-to-abate sectors such as the oil and gas sector, the steel industry, and the chemical industry are beginning to recognize the potential benefits of this technology, with numerous research and development initiatives, collaborative consortia and partnerships being launched worldwide.

The collective experience and knowledge gained through these activities constitute a valuable resource for Member States contemplating the planning and deployment of new nuclear cogeneration projects. In accordance with its mandate to support the use of nuclear energy for sustainable development, the IAEA is continuing its efforts to capture this experience and collect data on cogeneration projects in Member States. The purpose of this Event is to provide a forum for Member States to exchange knowledge on the global status of nuclear cogeneration for mutual benefit, and to consolidate information and experience on the topic.

Objectives

The objectives of the meeting are the following:

- Provide a forum for sharing information and knowledge on the existing and planned nuclear cogeneration projects worldwide, as well as on the R&D that is currently ongoing related to nuclear cogeneration implementation, with a particular emphasize on nuclear heat for industrial processes;
- Discuss the latest developments and the status of cogeneration processes in Member States, including plans for and actual implementations of using nuclear heat directly in different industrial sectors;
- Consolidate and substantiate data collected for preparing a catalogue of cogeneration projects in Member States;
- Review the catalogue and recommend and consider aspects to include in a future publication on the topic;
- Provide advice and guidance on future IAEA activities to further improve the support provided to Member States in this area.

Target Audience

The event is intended for project managers, decision makers, engineers and other stakeholders with relevant experience in nuclear cogeneration projects and R&D related to cogeneration, in Member States with existing, planned and considered cogeneration facilities, including district heating, desalination, hydrogen production and direct use of nuclear heat for industrial applications.

Working Language(s)

English.

Expected Outputs

The main expected outputs of this meeting are: gathering state-of-the-art information on planned and ongoing cogeneration projects and the use of nuclear process heat for industrial processes; review the new IAEA “catalogue” of cogeneration projects in Member States and recommend aspects to consider for inclusion in a future related publication.

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 **16 October 2026**, 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 a paper is being submitted and complete the relevant information;
   - 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 **16 October 2026**.

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.

Papers and Presentations

The IAEA encourages participants to give presentations on the work of their respective institutions that falls under the topics listed above.

Participants who wish to give presentations are requested to submit an abstract of their work. The abstract will be reviewed as part of the selection process for presentations. The abstract should be in A4 page format and should extend to no more than 2 pages (including figures and tables). It should be sent electronically to Mr Francesco Ganda and Mr Hadid Subki, Scientific Secretaries of the event (see contact details below), not later than **16 October 2026**. Authors will be notified of the acceptance of their proposed presentations by **30 October 2026**.

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 **16 October 2026**.

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.

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 Secretaries:

Mr Alexei Miassoedov
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 22882
Fax: +43 1 26007
Email: A.Miassoedov@iaea.org

Administrative Secretary:

Ms Mercedes Nicole Córdova Jurak
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 25795
Fax: +43 1 26007
Email: M.N.Cordova-Jurak@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.

Event Web Page

Please visit the following IAEA web page regularly for new information regarding this event:
www.iaea.org/events/**EVT2503599**