



Technical Meeting on the INPRO Collaborative Project “Comparative Evaluation of Nuclear Energy System Options” (CENESO)

**IAEA Headquarters
Vienna, Austria
18–21 February 2020**

Ref. No.: EVT1904534

Information Sheet

Introduction

The International Project on Innovative Nuclear Reactors and Fuel Cycles (INPRO) is a flagship project of the International Atomic Energy Agency (IAEA) and was established in 2000 through a resolution of the IAEA General Conference. The goal of INPRO is to ensure a sustainable nuclear energy supply to help meet 21st century global energy needs. INPRO’s activities are centred on the key concepts of global nuclear energy sustainability and the development of long-range nuclear energy strategies, so that nuclear energy is and remains available to meet national energy needs.

In the 2020–2021 budget cycle, activities in four tasks will be implemented: Task 1: Global Scenarios; Task 2: Innovations; Task 3: Strategies; and Task 4: Policy and Dialogue.

Collaborative project “Comparative Evaluation of Nuclear Energy System Options” (CENESO) is a follow-up project to the now completed INPRO collaborative project “Key Indicators for Innovative Nuclear Energy Systems” (KIND) and is implemented as an activity under INPRO Task 1: Global Scenarios. The KIND project developed a trial application of the comparative evaluation approach applicable to different innovative and evolutionary nuclear energy systems (NESs), nuclear energy evolution scenarios and nuclear versus non-nuclear energy options. The KIND approach was developed to support the decision-making process. It is based on selected problem-oriented key indicators corresponding to subject areas of the INPRO methodology for sustainability assessment of an NES, and state-of-the-art judgement aggregation, uncertainty and sensitivity analysis methods.

Objectives

The CENESO project aims to further elaborate and apply the KIND approach in case studies on comparative evaluation of country-specific nuclear energy system options.

The objectives of the event are to:

- Present and review the progress of country case studies on comparative evaluation of nuclear energy system options and deployment scenarios;
- Present the updated KIND Evaluation Tool (KIND-ET) and its extensions, which will support comparative evaluations and uncertainty/sensitivity analyses of nuclear energy system options and deployment scenarios;
- Present country-neutral case studies on the comparative evaluation, ranking and screening of nuclear energy deployment scenarios and fuel cycle options, developed to support training within the INPRO service entitled Analysis Support for Enhanced Nuclear Energy Sustainability; and
- Review the context and text of the draft CENESO final report.

Participants are requested to give presentations on country case studies on comparative evaluations of nuclear energy system and deployment scenario options and participate in the review, discussion and writing sessions relevant for the objectives of the meeting.

Target Audience

The event is aimed at national technical experts working in the areas of innovative technology development for nuclear power and NES analysis and assessment, and officers of ministries responsible for nuclear technology development programmes and international cooperation.

Working Language(s)

English.

Expected Outputs

The expected outputs are:

- Presentations of Member States' case studies on NES options/scenarios, including non-nuclear, comparative evaluations;
- Additional modules of KIND-ET for comparative evaluations; and
- Scope and schedule of work for the CENESO project for the period until the next meeting in 2020

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 **13 January 2020**. 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.

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 **13 January 2020**.

Venue

The event will be held in meeting room M4, M Building, of 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 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 Vladimir Kuznetsov

Division of Nuclear Power
Department of Nuclear Energy
PO Box 100
1400 VIENNA
AUSTRIA

Tel. +43 1 2600 25150

Fax: +43 1 26007

E-mail: V.Kuznetsov@iaea.org

Ms Galina Fesenko

Division of Nuclear Power
Department of Nuclear Energy
PO Box 100
1400 VIENNA
AUSTRIA

Tel. +43 1 2600 26716

Fax: +43 1 26007

E-mail: G.Fesenko@iaea.org

Administrative Secretary:

Ms Karron Robinson-Onorati

Division of Nuclear Power
Department of Nuclear Energy
PO Box 100
1400 VIENNA
AUSTRIA

Tel. +43 1 2600 22885

Fax: +43 1 26007

E-mail: K.Robinson-Onorati@iaea.org

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