



IAEA

International Atomic Energy Agency

Atoms for Peace and Development

18th INPRO Dialogue Forum on Partnerships for Nuclear Development and Deployment

Virtual Event

18-21 May 2021

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Information Sheet

Introduction

The International Project on Innovative Nuclear Reactors and Fuel Cycles (INPRO) was launched in 2000, in accordance with resolution GC(44)/RES/21, adopted in that year by the General Conference of the International Atomic Energy Agency (IAEA). The project's objectives are to help ensure that nuclear energy remains available in the 21st century and is developed in a sustainable manner. Moreover, INPRO seeks to bring together all interested Member States, including technology holders and users, so that they can jointly consider the actions necessary to achieve desired innovations in nuclear energy. The current membership of INPRO comprises 41 IAEA Member States and the European Commission. In 2014, the INPRO Group became a Section within the Division of Nuclear Power in the IAEA's Department of Nuclear Energy.

INPRO is currently implementing activities identified in its Subprogramme Plan for 2018–2020, as previously endorsed by the INPRO Steering Committee. The INPRO Dialogue Forum offers a platform for technology holders, technology users and other stakeholders from all interested IAEA Member States. It also facilitates discussion so that technology holders can better understand the needs and concerns of technology users, and so that users can better understand technology holders' possibilities and limitations associated with the development and deployment of innovative nuclear energy systems. The INPRO Dialogue Forum will focus not only on technology, but also on institutional aspects, such as markets, resources, effects of regulation and public acceptance issues.

Objectives

Nuclear power plays an essential role in addressing climate change and contributing to sustainable development. A total of 30 countries already operate nuclear power plants (NPPs), and about 40 more countries are either considering nuclear power or preparing to introduce it. Despite the international consensus that the role of nuclear power should be expanded for a low carbon future, there are many challenges when it comes to implementing nuclear power. There are endogenous challenges with nuclear systems and, among other things, significant initial investment costs, longer periods of return on investment, system complexity, and difficulties in technology development. As one means of overcoming these challenges, the importance of partnerships in various forms has emerged. Partnerships would be applied not only to new entrants to nuclear power but also to expanding countries. Based on the experience of each Member State in nuclear or other industries, the INPRO Dialogue Forum will provide an opportunity to identify the effective types of partnership and to find a model that suits each member's situation.

The objectives of the 18th INPRO Dialogue Forum are to:

- Provide a platform for Member States to discuss various aspects of multilateral or bilateral partnerships and strategic alliances;
- Discuss and share experiences, information and knowledge in partnerships from the nuclear and the other industries;
- Share the best practices and lessons learned from cases of success or failure; and
- Discuss how the IAEA can help Member States promote partnerships in nuclear development and deployment.

Target Audience

The INPRO Dialogue Forum is open to participants from the IAEA Member States, especially the following INPRO Members:

Algeria, Argentina, Armenia, Bangladesh, Belarus, Belgium, Brazil, Bulgaria, Canada, Chile, China, the Czech Republic, Egypt, France, Germany, India, Indonesia, Israel, Italy, Japan, Jordan, Kazakhstan, Kenya, the Republic of Korea, Malaysia, Mexico, Morocco, Netherlands, Pakistan, Poland, Romania, the Russian Federation, Slovakia, South Africa, Spain, Switzerland, Thailand, Turkey, Ukraine, the United States of America, and Viet Nam;

observers and other interested Member States:

Albania, Australia, Austria, Azerbaijan, Benin, the Pluri-national State of Bolivia, , Botswana, Burkina Faso, Cambodia, Croatia, Cuba, Ecuador, Estonia, Ethiopia, Finland, Ghana, Georgia, Hungary, the Islamic Republic of Iran, Jamaica, Latvia, Lesotho, Libya, Lithuania, Mali, Mongolia, Namibia, Niger, Nigeria, North Macedonia, Norway, Oman, Panama, Paraguay, Peru, Philippines, Rwanda, Saudi Arabia, Senegal, Serbia, Singapore, Slovenia, Sri Lanka, Sweden, Sudan, the United Republic of Tanzania, Tunisia, Uganda, the United Arab Emirates, the United Kingdom, Uruguay, and the Bolivarian Republic of Venezuela;

as well as from the following organizations:

the European Atomic Forum (FORATOM), the European Commission (EC), the Generation IV International Forum (GIF), the International Framework for Nuclear Energy Cooperation (IFNEC), the Multinational Design Evaluation Programme (MDEP), the Nuclear Energy Agency of the Organisation for Economic Co-operation and Development (OECD/NEA), the Sustainable Nuclear Energy Technology Platform (SNETP), the Western European Nuclear Regulators Association (WENRA), the World Association of Nuclear Operators (WANO), and the World Nuclear Association (WNA).

Working Language(s)

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

Topics

The event will consist of several sessions, and all contributions, presentations, and discussions will be categorized as follows:

- Keynote sessions on a theoretical framework and its related sciences, and key success factors in building partnerships;
- Global nuclear partnerships and strategic alliances;
- Best practices of Member States and international organizations in the nuclear and other industries;
- Intergovernmental, public–private, and private–private partnerships; and
- Lessons learned from the various partnerships.

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 April 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 above deadline.

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and technical.

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 Secretaries of the event, Mr Wohno Choi (Email: W.Choi@iaea.org), and Mr Maxim Gladyshev (Email: M.Gladyshev@iaea.org) both of the Division of Nuclear Power, Department of Nuclear, and to the Administrative Secretaries, Ms Karron Marie Robinson-Onorati (Email: K.Robinson-Onorati@iaea.org) and Ms Lorena Tagani (Email: L.Tagani@iaea.org).

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 provided in A4 page format, should extend to no more than 2 pages (including figures and tables) and should not exceed 700 words. It should be sent electronically to Mr Wonho Choi, the Scientific Secretary of the event (see contact details below), not later than **25 April 2021**. Authors will be notified of the acceptance of their proposed presentations by **5 May 2021**.

In addition, participants have to submit the abstract together with the **Participation Form (Form A)** and the attached **Form for Submission of a Presentation (Form B)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or their organization for onward transmission to the IAEA not later than **20 April 2021**.

The event is, in principle, open to all officially designated persons. The IAEA, however, reserves the right to limit participation should this become necessary due to limitations imposed by the available seating capacity. It is therefore recommended that interested persons take the necessary steps to obtain their official designation as early as possible.

Additional Information

The meeting will be held virtually through web-based facilities (Cisco WebEx) by the IAEA from 18 to 21 May 2021. Consideration will be given regarding the time and duration of the meeting to accommodate different the time zones. Selected participants will be informed in due course on the procedures to be followed regarding the communication platform that will be used, the commence time, and the way of work during the online sessions.

IAEA Contacts

Scientific Secretary:

Mr Wonho Choi

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 22818
Fax: +43 1 26007 29598
Email: W.Choi@iaea.org

Co-Scientific Secretary:

Mr Maxim Gladyshev

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 22809
Fax: +43 1 26007 29598
Email: M.Gladyshev@iaea.org

Administrative Secretaries:

Ms Karron Marie Robinson-Onorati

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 22885
Fax: +43 1 26007 29598
Email: K.Robinson-Onorati@iaea.org

Ms Lorena Tagani

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 22885
Fax: +43 1 26007 29598
Email: L.Tagani@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 Secretaries.