

Objectives and Agenda

Hyun Sook CHO, Senior Nuclear Expert, INPRO

24 – 28 August 2026

The 26th INPRO Dialogue Forum on

Deployment of Nuclear Energy Systems for Applications
Beyond Electricity

Meeting Objectives

- Discuss key economic, technological, and institutional factors influencing nuclear energy innovation for industrial applications
- Review the status of ongoing activities related to the nuclear production of industrial heat and identify areas for further research, development and demonstration
- Explore strategies to support regulatory alignment, coordinated infrastructure development, and effective market introduction of nuclear energy systems for industrial use
- Develop recommendations for the IAEA Secretariat and Member States to facilitate the advancement of nuclear energy innovations for industrial applications

Agenda overview

- 5 plenary panel sessions on:
 - Scene Setting - Nuclear Energy for Industrial Process Heat
 - Industrial Heat Applications
 - Advanced High-Temperature Reactor Technologies
 - Nuclear Hydrogen
 - Policy & Infrastructure
- Member States sessions and 2 Breakout group discussion sessions
- Closing session (Summary & Suggestions)
- Technical Visit: Research Reactor and Radioactive Waste Management facilities

**Please see the meeting agenda*

Chairs and Keynote speaker

➤ Main Chair: Dr. Roppon Picha, TINT

➤ Session Chairs

- Dr Yujie Dong, Tsinghua Univ, China: Plenary Session 1, Breakout Group 1
- Mr Shiran Altaher, JAEC, Jordan: Plenary Session 2-A, Breakout Group 4
- Mr Pawel Gilski, ORLEN Synthos Green Energy, Poland : Plenary Session 2-B, Breakout Group 2
- Dr Topan Setiadipura, BRIN, Indonesia, Plenary Session 3,
- Dr Hosam Gaber, UOIT, Canada, Plenary Session 4-1, Breakout Group 3
- Dr Shripad Revankar, Purdue Univ., USA, Plenary Session 4-2
- Dr Chansoo Kim, KAERI, Korea, Plenary Session 5, Breakout Group 3
- Mr Kampanart Silva, NSTDA, Thailand, Member States Sessions

➤ Keynote speaker: Assoc. Prof. Thawatchai Onjun, Executive Director, TINT

Breakout Group Discussion

Goal: Identify key barriers to the deployment of nuclear non-electric applications and develop actionable strategies to enable deployment

Topic 1 14:00-15:30, Wednesday, 26 August, Identifying Opportunities and Barriers (Feedback: 16:00~17:30)

Topic 2 09:00-10:30, Thursday, 27 August, Solutions and Strategies for Deployment (Feedback: 11:00-12:30)

Topic 1 (Opportunities & Barriers)	Topic 2 (Solutions & Strategies)
Group 1. Applications, Markets and Demand	Group 1. Market Development and Demand Creation
Group 2. Economics, Business Models and Investment Risks	Group 2. Business Models, Financing and Risk Sharing
Group 3. Regulatory, Governance and Infrastructure Readiness	Group 3. Regulatory Frameworks, Infrastructure and Project Development
Group 4. International Cooperation and Capacity Gaps	Group 4. International Cooperation, Capacity Building and Supply Chains

Participants will remain in the same breakout group for both Topic 1 and Topic 2

➤ **“Feedback to all in a room,”** led by main chair after each group discussion

10 minutes’ presentation each group, ~4 slides including “Recommendations to the IAEA”)

THANK YOU