

INPRO Dialogue Forum 8
Toward Nuclear Energy System Sustainability: Economics, Resources Availability, and
Institutional Arrangements
Vienna, 26-29 August, 2014

Program Overview and Objectives

Meeting Chairman



IAEA

International Atomic Energy Agency

Overview of Agenda

1. Overview of INPRO Project and Revision of INPRO Methodology
2. Plenary session: Presentations by IAEA experts and Keynote Speakers *(ca. 2.5 days)*
3. Breakout sessions: Economics, Resource Availability, and Institutional Arrangements *(ca. 1 day, in MOE03, MOE27, MOE100)*
4. Summaries of Breakout sessions by Group Leaders
5. Summary by Chairman



Meeting Objectives

- ✓ Present revision and updates of three INPRO Methodology manuals: **Economics**, **Environmental Impact by Depletion of Resources**, and **Infrastructure**
- ✓ Discuss nuclear energy system sustainability, focusing on the roles of **economics**, **resource availability** and **institutional arrangement**
- ✓ Discuss applicability/relevance of INPRO assessment to existing/planned nuclear energy system in MSs
- ✓ Present approaches other than INPRO Methodology, by international organizations and Member States

Participation

- ✓ 62 participants from 40 Member States and international organizations
Vendors/designers of nuclear energy systems:
MITSUBISHI, KEPCO, AREVA, INET, NPIC, CIAE, IGCAR, Gidropress, Kazatomprom
- ✓ Participation from the IAEA sections: NIDS (Nuclear Infrastructure Development Section), NPTDS (Nuclear Power and Technology Development Section), NSNI (Division of Nuclear Installation Safety), NEFW (Nuclear Fuel Cycle and Waste Technology)

Plenary Session

- ✓ Presentation by INPRO and in-house experts, vendors and designers of nuclear reactors, international organizations and Member States:
 - 11 plenary presentations for Economics
 - 7 plenary presentations for Resource Availability
 - 9 plenary presentations for Institutional Arrangements
- ✓ Discussion following presentations.

Breakout Sessions

- ✓ Breakout sessions comprising presentations by Member States and discussion of key issues in areas of Economics, Resource availability, and Institutional arrangements
- ✓ Group leaders are requested to organize summary reports

	Economics	Resource Availability	Institutional Arrangements
Room	M0E03	M0E27	M0E100
Agenda	Presentation by Member States and Discussion		
External participants	23	12	27

Overall Expectations

- ✓ Familiarization with revised INPRO Methodology manuals on Economics, Environmental Impact by Depletion of Resources, and Infrastructure
- ✓ Better understanding of the role of economics, resource availability and institutional arrangements toward sustainability of nuclear energy systems
- ✓ Validation of INPRO assessment method for different types of nuclear energy systems
- ✓ Harmonization of INPRO methodology with other international / national approaches



Thank you very much



IAEA

INPRO

International Project on
Innovative Nuclear Reactors
and Fuel Cycles