

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

DF 8 Summary

Meeting Chairman



IAEA

International Atomic Energy Agency

Agenda

1. Very well developed and detailed
2. Not enough time for discussions during plenary
3. Revision of INPRO Methodology presented and value understood
4. Breakout sessions: Economics, Resource Availability, and Institutional Arrangements provided opportunity for good dialog which occurred
5. Summaries of Breakout sessions by Group Leaders should be used as major findings in DF meeting report



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Participation

- ✓ Participants demonstrated interest for INPRO DF by preparing very informative presentations
- ✓ Special thanks to reactor vendors and international organization representative for detailed and useful presentations
- ✓ Presentations very diversified due to specific issues in particular Member States
- ✓ Information provided are very useful to understand better the wider picture in NES development
- ✓ Participation from the IAEA sections are very supportive to INPRO DF indicating to what extent INPRO as cross cut organization cooperate and coordinate its action within



Learning opportunities

- Information presented provided many opportunities for learning different approaches e.g. presentation of China on cost models for NPP design, construction and operation
- Cost model provided by Mitsubishi
- Presentation of resources and availability
- Many different issues presented contributed to understanding need to develop infrastructure and variety of models for development of sustainable nuclear energy system



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Meeting Objectives

- ✓ Revision and updates of three INPRO Methodology manuals: **Economics**, **Environmental Impact by Depletion of Resources**, and **Infrastructure** are presented
- ✓ Discussion on nuclear energy system sustainability, focusing on the roles of **economics**, **resource availability** and **institutional arrangement would benefit with more tie given in breakout sessions**
- ✓ Applicability/relevance of INPRO assessment to existing/planned nuclear energy system in MSs is better understood



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DF Expectations

- ✓ Familiarization with revised INPRO Methodology manuals on Economics, Environmental Impact by Depletion of Resources, and Infrastructure- achieved
- ✓ Better understanding of the role of economics, resource availability and institutional arrangements toward sustainability of nuclear energy systems- discussions in breakdown session have proved the point
- ✓ Validation of INPRO assessment method for different types of nuclear energy systems- conclusion of breakdown sessions are supportive
- ✓ Harmonization of INPRO methodology with other international/national approaches- needs to continue



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Thank you very much



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