



International Atomic Energy Agency

4th GIF-INPRO Interface Meeting

IAEA HQs, Vienna. 3 March, 2010

INPRO Overview

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INPRO Group Leader

- **International Project on Innovative Nuclear Reactors and Fuel Cycles**
 - **Established in 2000**
 - **IAEA General Conference resolutions**
- **Characteristics**
 - **International project within IAEA**
 - **Membership based**
 - **Mainly extrabudgetary funded**
 - **10 to 15 staff at IAEA HQ**

INPRO on the Policy Level

- **IAEA General Conference**

- Resolutions adopted & continuously reiterated since 2000

- **G8 Summit**

- **Global Energy Security, St. Petersburg, 2006**
- *“The development of innovative nuclear power systems is considered an important element for efficient and safe nuclear energy development. In this respect, we acknowledge the efforts made in the complementary frameworks of the INPRO project and the Generation IV International Forum.”*



INPRO Objectives

- **To help to ensure that nuclear energy is available to contribute, in a sustainable manner, to meeting the energy needs of the 21st century;**
- **To bring together technology holders and users and other stakeholders so that they can consider jointly the international and national actions required for achieving desired innovations in nuclear reactors and fuel cycles**

INPRO Supports ...

- **Decision making on deployment and R&D**
- **Strategic and long-range planning**
- **Global vision and scenarios for nuclear energy development and deployment in 21st century**
- **Dialogue between technology holders & users**
- **Support to ‘Newcomers’ for long range considerations and incorporating innovations**

2010-11 Planning Principles

- **Planning of INPRO activities is based on**
 - **Guidance from the General Conference**
 - **INPRO Steering Committee**
 - **Takes into account recommendations from OIOS**
 - **Cooperation for instance Joint Action Plan with GIF**
- **In line with:**
 - **IAEA's Programme & Budget for 2010–2011**
 - **Subprogramme 1.1.4: Coordination of the International Project on Innovative Nuclear Reactors and Fuel Cycles**

Cooperation

- **With the Generation IV International Forum (GIF)**
 - **Participation in Policy Group as observer**
 - **Participation in Working Groups**
 - **Joint Action Plan in place**
 - **Coordination meeting March 2010**
- **With the European Sustainable Nuclear Energy Technology Platform (SNE-TP)**
 - **Initial interactions**
- **Other strategic partnerships and coordination envisaged for 2010–2011**

INPRO Programme Areas

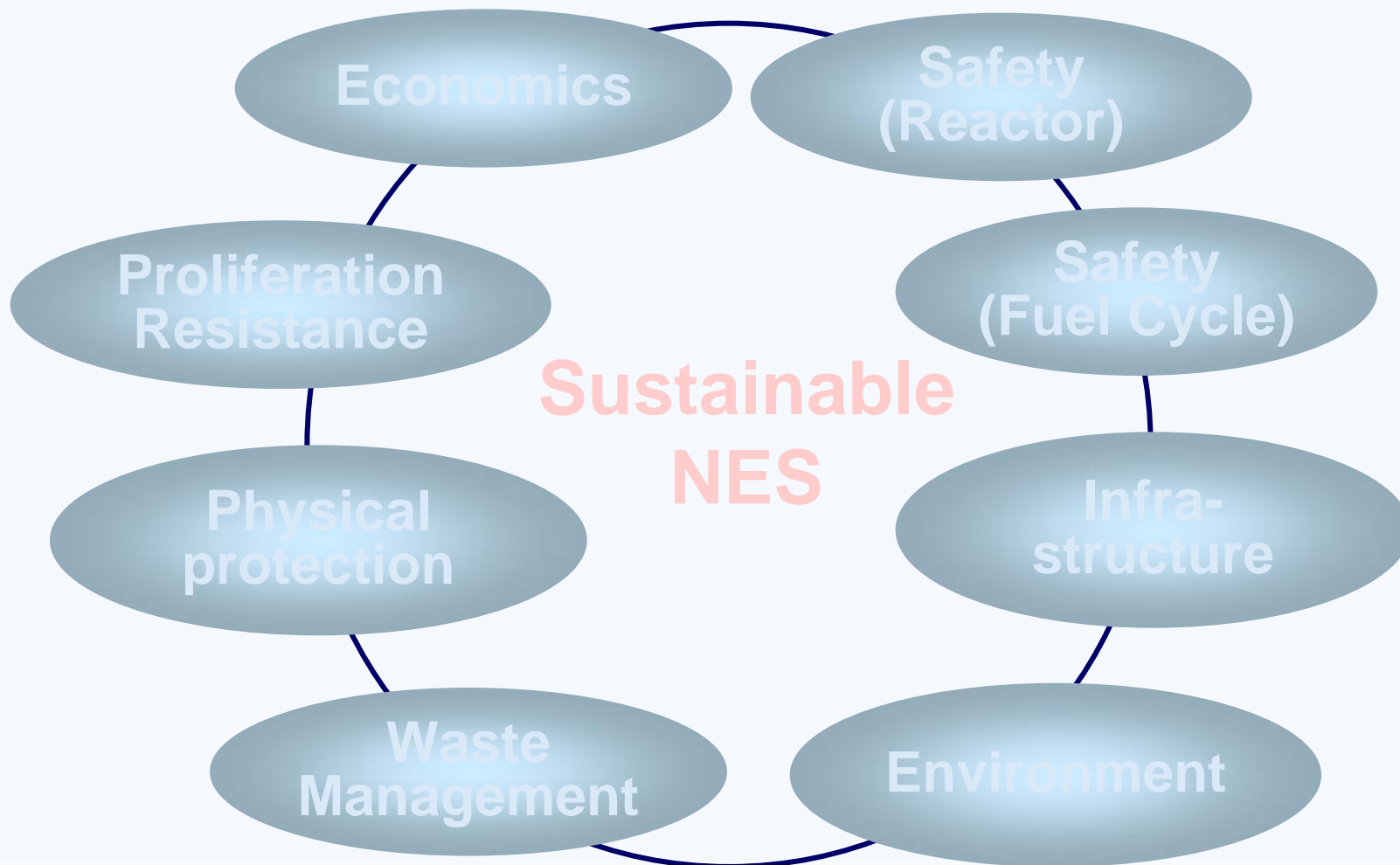
- **Program Areas**
 - **A: Nuclear Energy Systems Assessments**
 - **B: Global Vision**
 - **C: Innovations in Nuclear Technology**
 - **D: Innovations in Institutional Arrangements**
- **Cross-cutting**
 - **E: INPRO Dialogue Forum**
- **INPRO Management**
 - **F: Management, Coordination, Strategic Planning, Steering Committee, Outreach**

INPRO Programme Areas

- **A: INPRO Assessments**
 - To assist Member States in performing Nuclear Energy System Assessments (NESA) using the INPRO methodology, in support of long-term strategic planning and nuclear energy deployment decision making
- **B: Global Vision**
 - To develop global and regional nuclear energy scenarios, on the basis of a scientific-technical pathway analysis, that lead to a global vision on sustainable nuclear energy development in the 21st century, and to support Member States in working towards that vision

Holistic nature of NES

NESA covers all areas



- **C: Innovations in Nuclear Technology**
 - To foster collaboration among INPRO Member States on selected innovative nuclear technologies and related R&D that contribute to sustainable nuclear energy
- **D: Innovations in Institutional Arrangements**
 - To investigate and foster collaboration on innovative institutional and legal arrangements for the use of innovative nuclear systems in the 21st century and to support Member States in developing and implementing such innovative arrangements

- **E: INPRO Dialogue Forum**

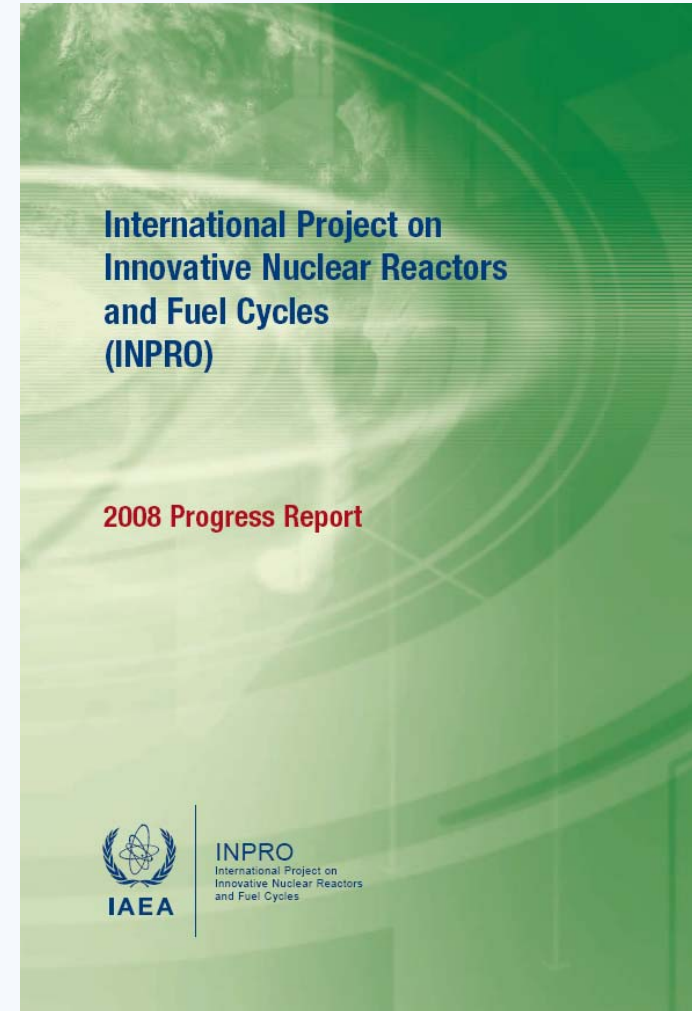
- To bring together technology holders and technology users to discuss, debate and share information on desirable innovations, both technical and institutional, but also national long-term nuclear planning strategies and approaches and, on the highest level, the global nuclear energy system

- **F: Policy Coordination, Communication, and Management**

- To plan and organize meetings of the Steering Committee and coordinate policies with other international initiatives (e.g. GIF), but also to communicate and disseminate INPRO achievements and results to its stakeholders through publications and meetings/conferences

Progress Report 2009

- **Progress Report 2009**
 - **Endorsed by General Conference 2009**
 - **Draft provided today**
 - **Publication expected April 2010**
- **INPRO Progress Reports**
 - **Issued first for 2008 in early 2009**
 - **Very good feedback and valuable communication tool for INPRO**
 - **More than 1500 printed copies of the 2008 report distributed**





...Thank you for your attention!

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