



INPRO: The project

The International Project on Innovative Nuclear Reactors and Fuel Cycles (INPRO) was established in 2000 — as an IAEA flagship project, through a General Conference resolution — focused in the insurance of a sustainable nuclear energy supply to help meet 21st century global energy needs. INPRO's activities are centred on the key concepts of global nuclear energy sustainability and the development of long-range nuclear energy strategies, so that nuclear energy is and remains available to meet national energy needs.

In the 2012–2013 programme and budget cycle, activities in four projects are implemented: Project 1: National long-range nuclear energy strategies; Project 2: Global nuclear energy scenarios; Project 3: Innovations (technical and institutional); and Project 4: Policy coordination and the INPRO Dialogue Forum.

Additional details are available on the INPRO website: <http://www.iaea.org/INPRO/>

Activity: Policy Coordination and Dialogue

The *7th GIF-INPRO-IAEA Interface Meeting* is being implemented as Activity 8 in Project 4 (activity 1.1.4.4/8 of the IAEA Programme & Budget 2012–2013): “Coordination with other international organizations and initiatives.”

As part of INPRO Phase II, the INPRO Steering Committee endorsed the INPRO Action Plan for 2012-2013. INPRO developed a methodology for nuclear energy systems assessment (NESA) on sustainability that has and is being implemented in several countries. The existing action plan also includes projects focused on the long-term global and regional development of nuclear energy, considering both existing and future technologies. In addition, projects on specific subjects of interest regarding technology innovation are being implemented in close cooperation among INPRO Members. At the same time, INPRO provides a dialogue forum for technology holders and users, including a broad representation of potential newcomers to nuclear energy, to share information on technology and innovations. Similar to INPRO's above activities, there are several international initiatives (e.g., GIF, IFNEC and SNE-TP) having common goals to ensure the sustainable development of nuclear energy within this century.

GIF is focused on developing six selected innovative nuclear reactor concepts. In parallel to the development of these reactor systems, GIF pursues the establishment of suitable tools necessary to analyse different options related to the new reactor concepts from the viewpoint of economics and sustainability, safety and reliability, and proliferation resistance and security.

Synergies between GIF and INPRO have been confirmed in six interface meetings held at the IAEA in 2003, 2005, 2008, 2010, 2011 and 2012. As such, areas of collaboration and cooperation have been explored in each of these meetings. Since the areas of interest in both initiatives cover programmatic activities performed by organizations of the IAEA, it is in the interest of both initiatives to continue exploring and developing opportunities for cooperation. An outcome of these meetings was the decision to hold joint workshops on key topics related to sodium cooled fast reactors. Two of these workshops have been held with satisfactory results, one in 2010 and the other in 2011. A third workshop in the series is planned for 26 – 27 February 2013.

Objectives and deliverables of this meeting

The objectives of the meeting are to:

1. Share information on the progress status and future plans of activities related to R&D and technology innovation of nuclear energy systems.
2. Monitor progress on the action items agreed in the previous interface meeting.
3. Continue exploring new areas having potential of cooperation, identifying action items and establishing priorities for further consideration.
4. Briefly discuss the results and future actions of the 3rd Joint GIF-IAEA/INPRO Workshop on Safety Design Criteria of Sodium-Cooled Fast Reactors held in February 2013.

Expected participants

GIF will provide the final list of participants from their side, about 20, including the Chairman, the technical directors and representatives from their other main functional organizations and reactor systems.

The list of participants from INPRO and from other IAEA offices includes:

- Mr A. Bychkov, Mr J.K. Park, Mr J.C. Lentijo, Mr Zoran Drace, Mr G. Dyck, Mr J. Lyons, Mr P. Hughes, Mr J. Yllera, Mr I. Jalal, Ms N. Barkatullah and Mr J. Sprinkle.
- Heads of NENP Sections/Groups and the representatives of the INPRO Group.

Location

The meeting will be held at the Headquarters of the IAEA in Vienna, Austria, Press Briefing Room MOE (Building M).

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