GIF R&D Infrastructure Task Force (GIF-RDTF)

Alexander Stanculescu

Twelfth GIF – IAEA Interface Meeting
26-27 March 2018
Background of the GIF-RDTF

- GIF Policy Group decision at the 2017 spring meeting
- Task Force expected to accomplish its objectives over a short duration (less than two years) and make maximum benefit of the GIF Symposium to be held in October 2018
- GIF Policy Group approved Terms of Reference at fall meeting 2018
Objectives of the GIF-RDTF

- Identify essential large experimental infrastructure needed in support of GEN IV systems R&D activities in terms of feasibility/performance as well as demonstration/deployment
- Facilitate R&D collaboration across GEN IV systems
- Promote utilization of experimental facilities for collaborative R&D activities among GIF partners
- Facilitate GIF partners’ access to the various R&D facilities in the GIF member countries
Modus Operandi of the GIF-RDTF

• GEN IV System Steering and provisional System Steering Committees designate representatives to the GIF-RDTF
• GIF Experts Group members may also designate representatives
• GIF-RDTF reports to the GIF Policy Group vice chair in charge of external collaboration
• The GIF Technical Director coordinates the activities of the GIF-RDTF and makes use of the GIF Experts Group for quality and completeness reviews
Modus Operandi of the GIF-RDTF, cont’d

• The GIF-RDTF will take advantage of IAEA’s and NEA’s relevant work in the area of R&D infrastructure
• Completion of the first objective in time for presentation at the October 2018 GIF Symposium
• Completion of other objectives by the spring 2019 GIF Experts/Policy Group meetings
• Upon completion of the objectives, the GIF-RDTF, and the GIF System Steering and provisional Steering Committees are expected to maintain cognizance of infrastructure needs and approaches for their access as work evolves
Current Status

• Kick-off meeting hosted February 19th, 2018 by the GIF Technical Secretariat
• RDTF members confirmed
• Chair and vice chairs elected
• Discussion of first year RDTF charter (work programme)
  – Identify major experimental R&D infrastructure needs of the various GIF systems, with particular emphasis on needs that are "system cross-cutting"
  – Identify existing facilities in response to those needs
  – Identify critical gaps in terms of needed infrastructure
• Preliminary report to the GIF Experts and Policy Group at spring 2018 meetings
• Report/paper(s) for GIF 2018 Symposium (October 16-17)