

Generation IV International Forum

Presentation to the Nuclear Energy Research Advisory Committee



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Generation IV International Forum

◆ Government-sanctioned organization working together to plan the future of nuclear energy

- Chartered in July 2002
- Conduct joint R&D on next-generation nuclear energy systems
- Voluntary member participation in specific projects

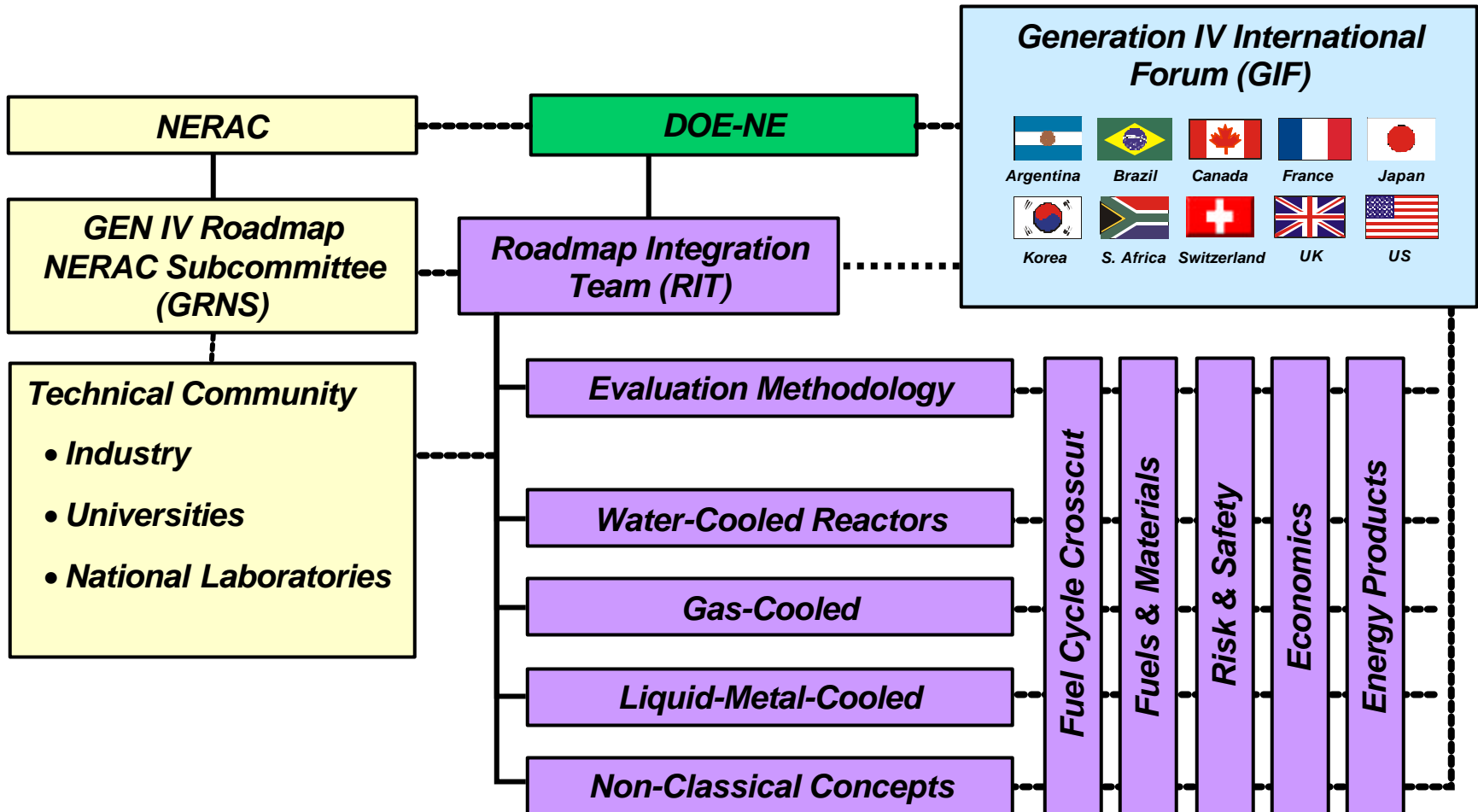
◆ Observer Organizations

- OECD-NEA
- IAEA
- Euratom



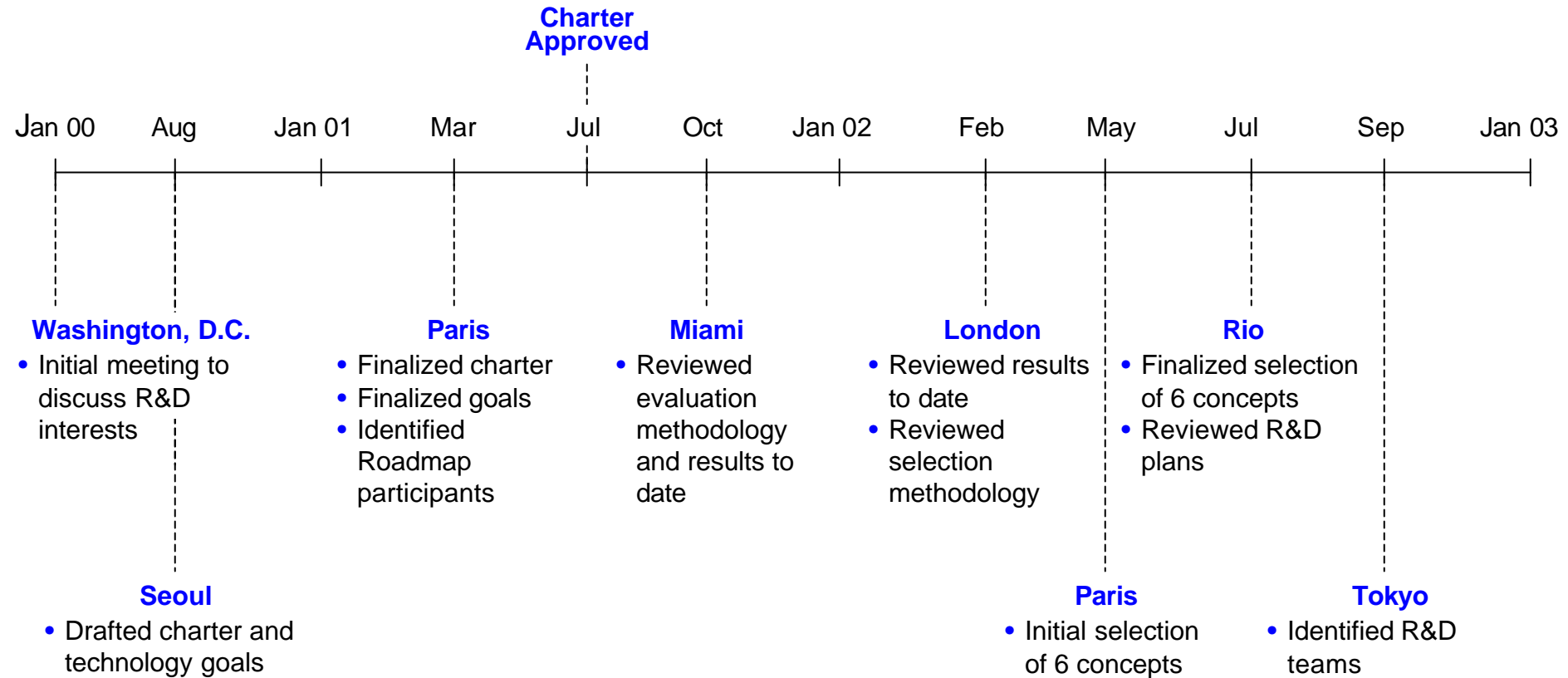


International Participation in Generation IV Roadmap





Generation IV International Forum



U.S.A.



United Kingdom



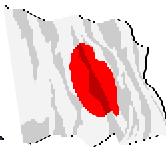
Switzerland



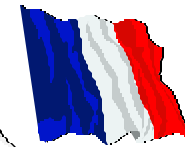
South Korea



South Africa



Japan



France



Canada






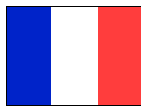
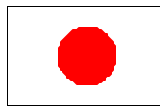





Brazil



Argentina



Country Interest in Concept R&D

										
GFR				H	M	L	M	H	H	H
LFR				L	L	L		H		M
MSR				L		L			L	L
SFR				H	H	H			M	M
SCWR			H	M	M	H		H	L	H
VHTR				H	H	M	M	M	H	M

GFR -- Gas-cooled fast reactor

LFR -- Lead-cooled fast reactor

MSR -- Molten salt reactor

SFR -- Sodium-cooled fast reactor

SCWR -- Supercritical water-cooled reactor

VHTR -- Very high temperature reactor

H -- High interest

M -- Medium interest

L -- Low interest

Blank -- No interest

 -- Not present in Tokyo



Proposed R&D Structure

