GLOBAL STANDARDIZATION

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At first, in Europe where plural countries coexist, the unification of the standard around a field of infrastructure such as electricity, railway and communication started.
GLOBAL STANDARD (2)

- De Facto Standard (Standard achieved a dominant position by market competition) e.g. VHS (Video-tape), Windows (OS)
- De Jure Standard (Standard enforced by public organization) e.g. ISO standard
PRESENT SITUATION (1)

- Nuclear Power is recognized as one of the most effective options to prevent a global warming.

- The fact that an accident in a country causes a harmful effect globally is known to the public.

- Globalization of Nuclear Plant Market and Global Affiliation of Atomic Industries
The development of the Gen-IV system is considered to be done by means of international cooperation.

International frameworks, not only for R&D but also for supplying fuel and waste treatment & disposal, are necessary mainly from the viewpoint of PRPP.
PRESENT SITUATION (3)

- The standard of the energy supply facility in the next generation should be concluded through the free discussion with no national boundaries.
ISSUES (1)

- International Framework composed of the countries with their domestic R&D plans

- Arrangement / Selection of the ground for the discussion on the guideline, tech. standard and other items necessary for the global standardization (GIF ? MDEP ? IAEA/INPRO ?)
ISSUES (2)

- Consideration to the Intellectual Property of the technologies & software in the international cooperative development

- Maintenance System for the established standard
PROPOSAL (1)

1\textsuperscript{st} Step: Common target on Design and Technology (e.g. GIF-Goal)

2\textsuperscript{nd} Step: Common Philosophy on the target (Safety, PRPP, etc.)
PROPOSAL (2)

- **3rd Step**: Consensus on the process to make global standards
- **4th Step**: Establishment of the committee for the formation of the global standards
For the global standardization,

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is the important starting point.