

KAIF - Korea Atomic Industrial Forum (an Association)

Established in 1972 as the first nuclear-related association
under the supervision of the Korean Government.

Dedicated to continuous development of nuclear industry and
national economy by promoting various tasks and projects.

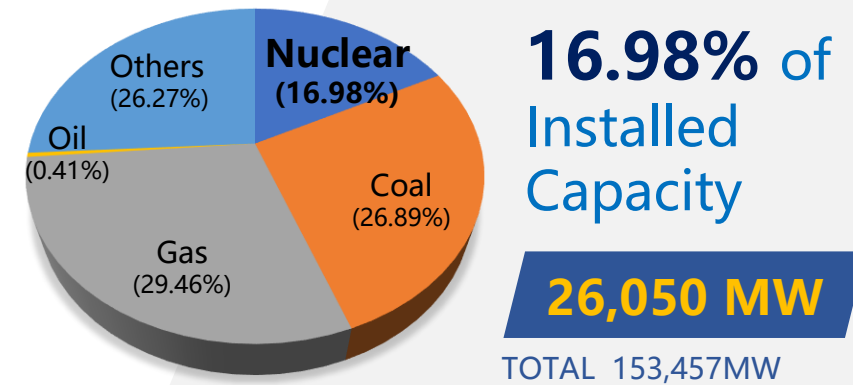
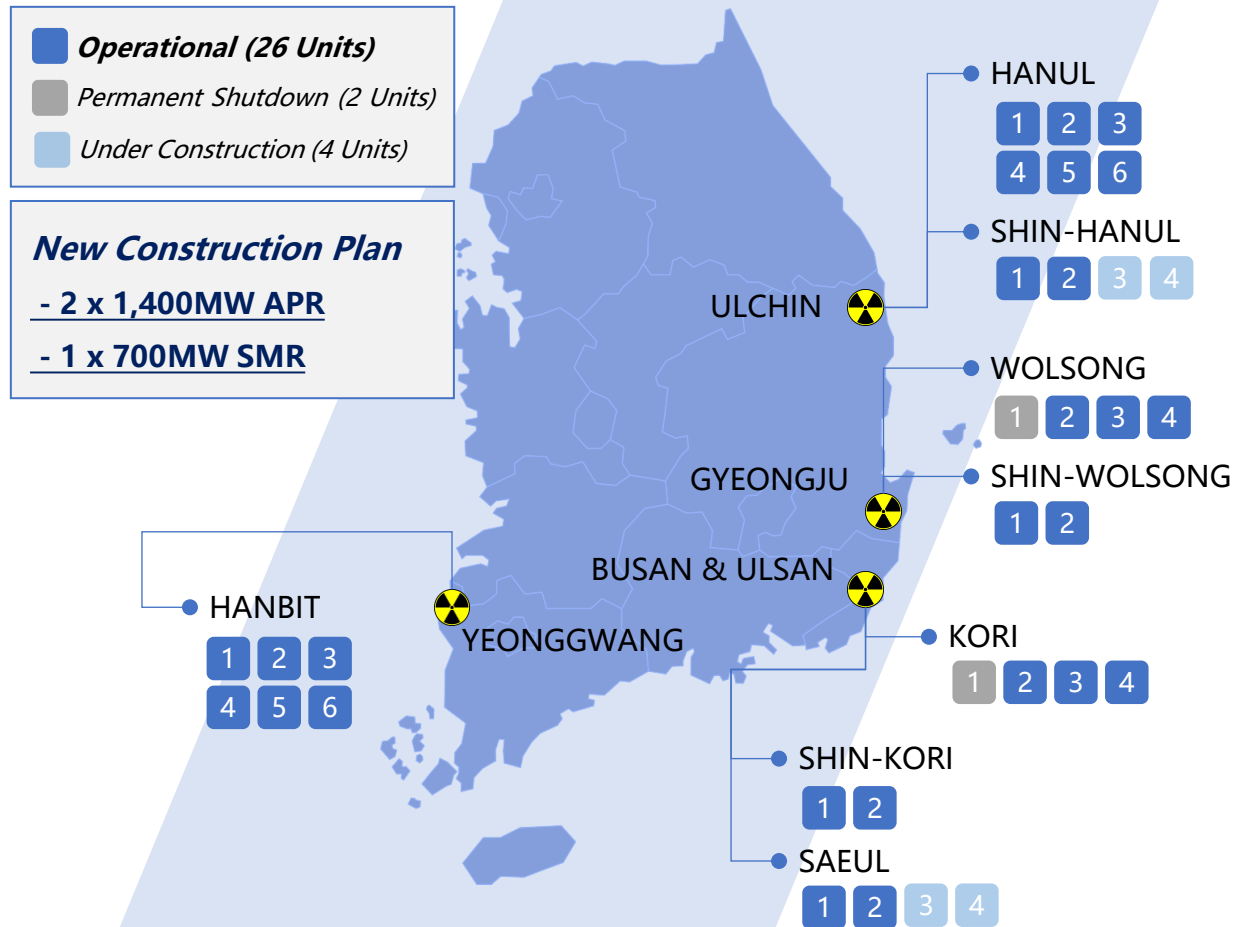
< Main Activities of KAIF >

01	Global Cooperation
02	Human Resources Development
03	Corporate Business Support
04	Nuclear Policy Advocacy & Implementation
05	Communication & Networking

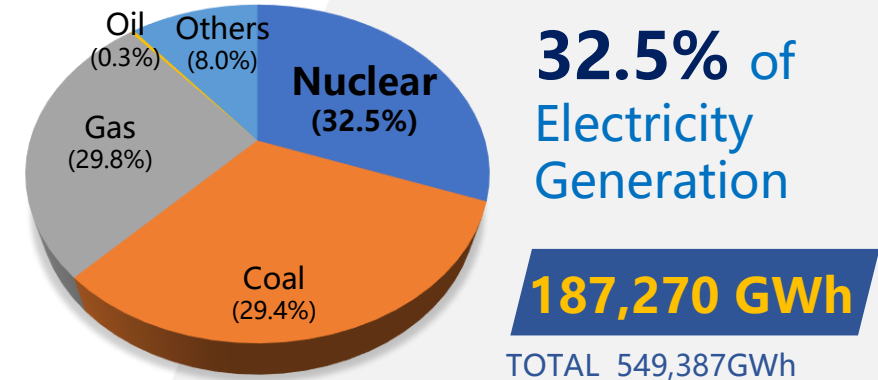


Nuclear Power in Korea

< Current Status of Nuclear Power Plants >



As of December 2024



As of December 2024

NPP Deployment in Korea



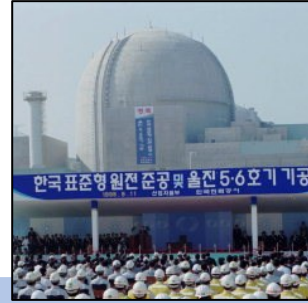
Introduction of Nuclear Power

- Turnkey Approach
- Led by foreign suppliers



Promotion of Localization

- Non-Turnkey Approach
- Joint Implementation
- Localization plans



Technology Self-Reliance

- OPR1000
- Led by local suppliers



Technology Advancement

- APR1400
- Export to UAE



Technology Renovation

- Design Certification in USA & Europe



Technology Expansion

- EUR Certification for APR1000
- Supplier diversification

1970s

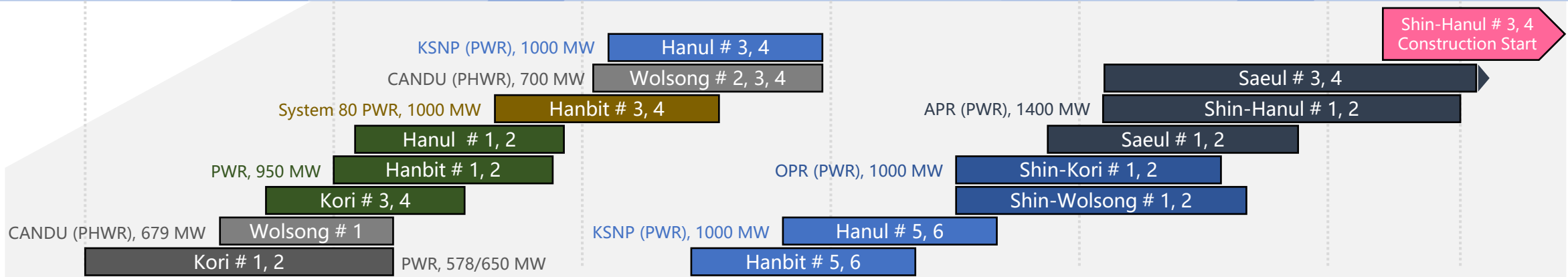
1980s

1990s

2000s

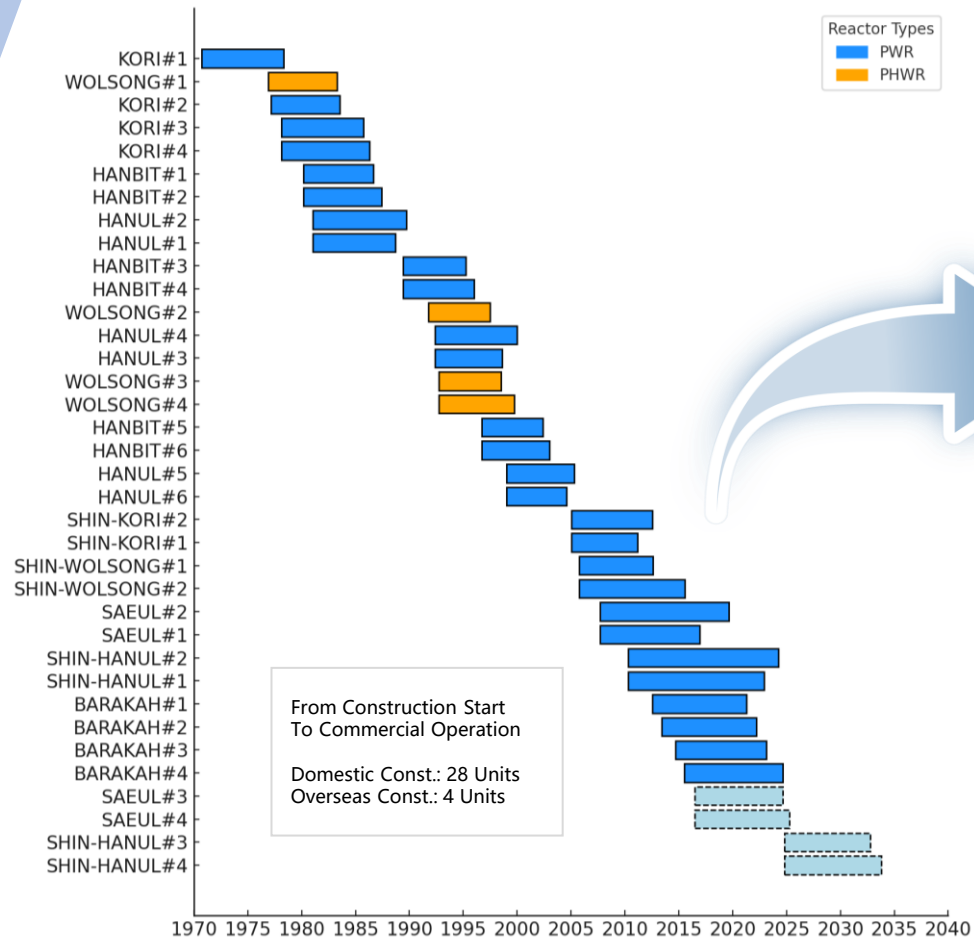
2010s

2020s



Supply Chain Readiness

- Continuous nuclear power plant construction and operation record have enabled **over 1,200 companies to participate** in the entire nuclear industry supply chain.
- Ensuring the **sustainability of nuclear power supply chain** is essential for the successful new deployment and safe operation.



1,200 Companies in Full-cycle Supply Chain

