Japan–U.S. Cooperation FIRST / AOTS Global South Program

Invitation Program for Senior Indonesian Nuclear Officials

In collaboration with the Association for Overseas Technical Cooperation and Sustainable Partnerships (AOTS) and under the Japan– U.S. Foundational Infrastructure for the Responsible Use of SMR Technology (FIRST) Program, JICC invited senior officials from Indonesian nuclear-related organizations, including DEN (National Energy Council), relevant ministries, and PT PLN (state-owned electricity company), to Japan. As AOTS experts, JICC delivered lectures and organized site visits.

<Background / Objectives>

Indonesia is formulating a national energy plan, targeting approximately 250 MW of SMR capacity by 2032. This program aimed to support these efforts by enhancing understanding of Japan–U.S. nuclear cooperation policies on the responsible use of SMR technology, nuclear infrastructure development, and industry trends.

<Details>

The opening ceremony was held at the Indonesian Embassy in Japan, with remarks given by the Indonesian Ambassador and representatives from METI and the U.S. Embassy. During the keynote session, METI presented on its policy for international cooperation in nuclear energy, and DEN shared an update on Indonesia's progress in considering the introduction of nuclear power. Then, Japanese and U.S. experts delivered lectures on nuclear infrastructure development (regulatory framework, site requirements, promoting public understanding, etc.) and conducted visits to sites including the JAPC Tsuruga Nuclear Power Station. In addition, presentations on nuclear energy were given by the Mitsubishi Research Institute, Hitachi GE Vernova Nuclear Energy, the Asian Development Bank, and the Nuclear Energy Commission of the Cabinet Office, and a tour of IHI's nuclear equipment manufacturing plant and Shimizu corporation's advanced Research Facility for Earthquake Disaster Prevention was also conducted.

<Results>

① The lectures and site visits enhanced the Indonesian delegation members' understanding of Japan–U.S. international nuclear cooperation policies on the responsible use of SMRs, regulatory frameworks, human resource development, and stakeholder engagement.

② Through discussions and industry presentations, understanding of nuclear technology including SMRs was enhanced and key challenges for nuclear power deployment in Indonesia were shared, reaffirming the direction of future Japan-U.S.-Indonesia cooperation and continued support under the Japan–U.S. partnership.



