

Japan-U.S. Cooperation FIRST / AOTS Global South Program  
Invitation Program for Senior Indonesian Nuclear Officials

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

<Background / Objectives>

Indonesia is formulating a national energy plan toward carbon neutrality by 2060, targeting approximately 250 MW of SMR capacity by 2032 alongside renewable energy expansion. 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.

<Detail>

The opening was held at the Embassy of Indonesia in Japan, with remarks by the Chargé d’Affaires of Indonesia, METI, and the U.S. Embassy. Keynotes were delivered by METI, the U.S. Department of State, and DEN. Japanese and U.S. experts delivered lectures on nuclear infrastructure development and conducted site visits, including to the JAPC Tsuruga Nuclear Power Station. Courtesy visits, SMR presentations, and a visit to IHI’s Yokohama Works for nuclear components were also conducted.

<Results>

- ① Lectures and site visits enhanced Indonesian delegation members’ understanding of Japan-U.S. nuclear cooperation policies on the responsible use of SMRs, regulatory frameworks, human resource development, and stakeholder engagement.
- ② Through discussions and industry presentations, understanding was enhanced and key challenges for nuclear power deployment in Indonesia were shared, reaffirming the direction of future cooperation and continued Japan-U.S. support.



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