

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

JICC, in collaboration with the Association for Overseas Technical Cooperation and Sustainable Partnerships (AOTS), invited senior officials from Malaysian nuclear-related organizations to Japan under the Japan-U.S. Foundational Infrastructure for Responsible Use of Small Modular Reactor Technology (FIRST) Program, including PETRA, MyPower, the Energy Commission, MOSTI, the Malaysian Nuclear Agency, TNB, and PETRONAS. As AOTS experts, JICC delivered lectures and organized site visits.

<Background / Objectives>

Malaysia is advancing consideration of nuclear power for carbon neutrality by 2050, with the 13th Malaysia Plan also targeting approximately 300 MW-class nuclear capacity by 2031. 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>

Opening remarks were delivered by METI and the U.S. Embassy in Japan, followed by keynotes by METI and PETRA. 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 Malaysian delegation members' understanding of Japan-U.S. nuclear cooperation, 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 Malaysia were shared, reaffirming the direction of future cooperation and continued Japan-U.S. support.

