

[Press Release]

Japan Petroleum Exploration Co., Ltd.
JGC Corporation

JAPEX commenced FEED for Onshore Terminal and Receiving Jetty Topside of the Carbon Capture and Storage Project in Sarawak, Malaysia

Japan Petroleum Exploration Co., Ltd. (JAPEX) and JGC Corporation (JGC) are pleased to announce that JAPEX and JGC have commenced the Front-End Engineering Design (FEED^(*1)) work (hereinafter the "FEED Work") for CO₂ Onshore Terminal and Receiving Jetty Topside of the Carbon Capture and Storage^(*2) in Sarawak, Malaysia (hereafter "Eastern CCS Hub Project" or "ECH Project"). JGC has received an order to conduct the FEED Work as a FEED specialist.

The FEED Work is an initiative following the agreement entrusted by Japan Organization for Metals and Energy Security (JOGMEC) for the design work, etc. related to the Eastern CCS Hub Project^(*3).

The ECH project will involve the international transport of CO₂ from Japan to Malaysia, making it the first commercial project in the world to involve transport at low temperatures and low pressures conditions.

In this FEED Work, JAPEX along with other partners^(*2) conduct joint technical and commercial studies on CO₂ Onshore Terminal and Receiving Jetty Topside by utilizing the experience and knowledge of planning, designing and operating of oil and gas fields.

JGC has a track record of conducting feasibility studies for CCS facilities, as well as design and construction, and will use this knowledge to undertake the FEED Work. Through the provision of this FEED, JGC will support the early realization of its customers' CCS businesses and contribute to the realization of decarbonization in the region.

By promoting the FEED Work with the aim of early commercialize the ECH project, JAPEX and other partners will contribute towards carbon neutrality in 2050, including the realization of a decarbonized society in Asia targeted by the "Asia Energy Transition Initiative (AETI)"

Notes)

- *1: Abbreviation for Front End Engineering Design, referring to basic engineering conducted after conceptual design and feasibility studies.
- *2: Abbreviation for Carbon Capture and Storage, referring to the process of CO₂ capture and storage.
- *3: Please refer to a joint press "[Commission a CCS engineering design work in Sarawak, Malaysia as the "Japanese Advanced CCS Projects" in FY2024](#)" released on September 13, 2024