



August 25, 2023

Electric Power Development Co., Ltd.
ENEOS Corporation
JX Nippon Oil & Gas Exploration Corporation

**Signing of a contract for “Study on Implementation of
Japan’s Advanced CCS Project” in FY2023**

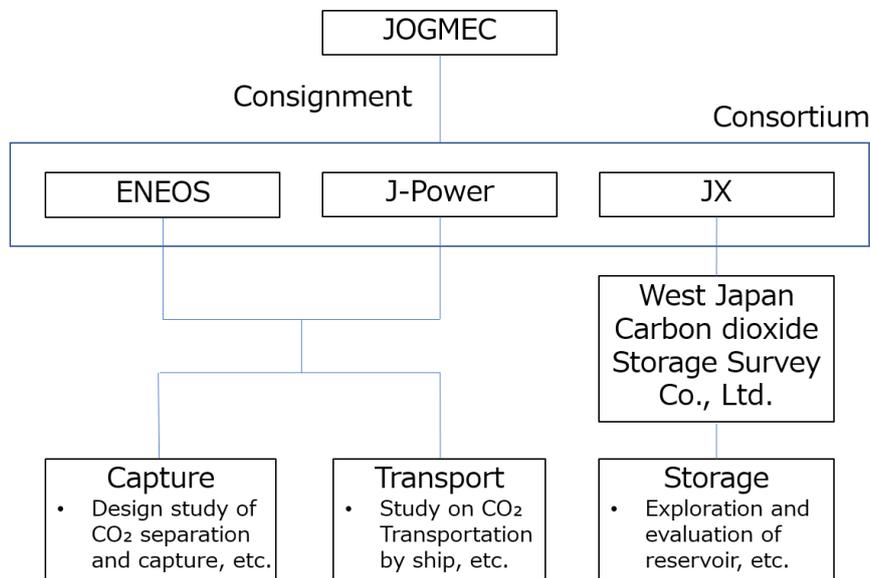
Electric Power Development Co., Ltd. (President: Kanno Hitoshi, “J-POWER”), ENEOS Corporation (President: Saito Takeshi, “ENEOS”) and JX Nippon Oil & Gas Exploration Corporation (President: Nakahara Toshiya, “JX”) jointly signed a consignment contract with Japan Organization for Metals and Energy Security (Chairman & CEO: Takahara Ichiro, “JOGMEC”) for a “Study on the Implementation of Japan’s Advanced CCS <Note 1> Project” in FY2023.

The study is to conduct design work related to CO₂ separation, capture, transport, and storage as well as reservoir evaluation, as a part of a study on the implementation of advanced CCS projects that assumes the start of CO₂ storage in FY2030 or earlier. The three companies jointly proposed this study, and JOGMEC selected it as a candidate in June 2023 <Note 2 & 3>.

The three companies are working together on the possibility of starting a CCS project to separate, capture, transport, and store CO₂ from J-POWER’s thermal power plants and ENEOS’s refineries in western Japan by FY2030. J-POWER and ENEOS will take the lead in conducting studies on separation, capture and transport, while JX and subcontractor (West Japan Carbon dioxide Storage Survey Co., Ltd. <Note 4>) will take the lead on storage.

Through the study, the three companies aim to contribute to the achievement of Japan’s greenhouse gas emission reduction targets while ensuring stable energy supply by implementing Japan’s first full-scale CCS value chain <Note 5> in FY2030 <Note 6>.

【Promotion structure of the study】



Note 1: CCS stands for Carbon dioxide Capture and Storage.

Note 2: "Selection of Candidate Project for "Study on Implementation of Japan's Advanced CCS Project" in FY2023" released on June 13, 2023.

(https://www.jpowers.co.jp/english/news_release/pdf/news230613e.pdf)

Note 3: "First Step to Launch Japanese CCS Project - JOGMEC selected 7 projects, starting CO2 storage by FY2030", announced by JOGMEC.

(https://www.jogmec.go.jp/english/news/release/news_10_00036.html)

Note 4: "Japan's first full-scale CCS: J-POWER, ENEOS and JX and to establish joint venture for feasibility study of domestic CCS storage projects" released on January 26, 2023.

(https://www.jpowers.co.jp/english/news_release/pdf/news230126e.pdf)

Note 5: Value chain consisting of the separation, capture, transportation, injection, and storage of CO2.

Note 6: "J-POWER and ENEOS collaborate on carbon neutralization of energy supply" released on May 10, 2022.

(https://www.jpowers.co.jp/english/news_release/pdf/news220510e.pdf)