

October 15, 2024

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

**JOGMEC officially selected the Offshore Western Kyushu CCS in the
"Engineering Design Work for Advanced CCS Projects" in FY2024**

ENEOS Corporation (President: Yamaguchi Atsushi, "ENEOS"), JX Nippon Oil & Gas Exploration Corporation (President: Nakahara Toshiya, "JX"), Electric Power Development Co., Ltd. (President: Kanno Hitoshi, "J-POWER"), and West Japan Carbon dioxide Storage Survey Co., Ltd. (President: Furutachi Kosuke) <Note 1> have jointly signed a consignment contract with Japan Organization for Metals and Energy Security (Chairman & CEO: Takahara Ichiro, "JOGMEC") for "Engineering Design Work for Advanced CCS <Note 2> Projects" <Note 3> (hereinafter referred to as "the Project").

The Project aims to conduct engineering design work for the CCS value chain <Note 4> as well as exploratory drilling in the planned CO₂ storage site, as part of the Japanese advanced CCS projects targeting the start of CO₂ storage by FY2030.

The four companies are examining the possibility of starting a CCS project to separate, capture, and transport CO₂ emitted from ENEOS's refineries and J-POWER's thermal power plants in the Setouchi and Kyushu regions, and to store it in the offshore aquifers off the coast of western Kyushu. Following the feasibility study conducted in FY2023 <Note 5>, the Project will enhance the accuracy of the project and reduce costs by conducting engineering design related to the CCS value chain as well as conducting preliminary surveys for exploratory drilling, procuring long lead items, and evaluating the storage potential.

Through the Project, the four companies aim to contribute to the achievement of Japan's greenhouse gas emission reduction targets while ensuring a stable energy supply by implementing one of Japan's first full-scale CCS value chains in western Japan by FY2030.

Note 1: West Japan Carbon dioxide Storage Survey Co., Ltd. is a joint venture established by the three companies (ENEOS, JX and J-POWER) in February 2023 to promote exploration and evaluation for selecting CO₂ storage candidate sites.

Note 2: CCS stands for Carbon dioxide Capture and Storage.

Note 3: "Advanced Efforts for Commercialization of CCS - JOGMEC selects Nine projects as Japanese Advanced CCS Projects - " released on June 28,2024.

(https://www.jogmec.go.jp/english/news/release/news_10_00072.html)

Note 4: Value chain consisting of the separation, capture, transportation, injection, and storage of CO₂.

Note 5: "Signing of a contract for 'Study on Implementation of Japan's Advanced CCS Project' in FY2023" released on August 25,2023.

(https://www.jpower.co.jp/english/news_release/pdf/news230825e.pdf)

【Overview of the Project】

CO2 Emission Source	ENEOS's Oil refinery and J-POWER's Electric power plant in Setouchi/ Kyushu region
Transportation	Ship and Pipeline
Area of CO2 Storage	Offshore western Kyushu (Offshore saline aquifer)
CO2 Storage Volume	Approximately 1.7 million tons/year

【Promotion structure of the Project】

