



August 25, 2023

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

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

JX Nippon Oil & Gas Exploration Corporation (President: Nakahara Toshiya, “JX”), ENEOS Corporation (President: Saito Takeshi, “ENEOS”) and Electric Power Development Co., Ltd. (President: Kanno Hitoshi, “J-POWER”) 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.

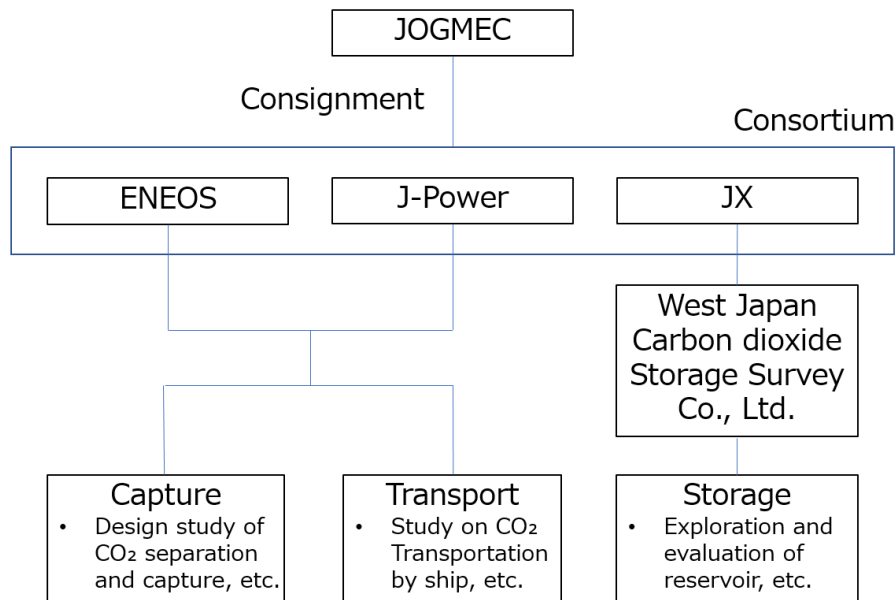
The study is to conduct design work related to CO<sub>2</sub> separation, capture, transport, and storage as well as reservoir evaluation, as a part of a study on the implementation of advanced CCS projects that assumes the start of CO<sub>2</sub> storage in FY2030 or earlier. The three companies jointly 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 CO<sub>2</sub> from ENEOS's refineries and J-POWER's thermal power plants in western Japan by FY2030. ENEOS and J-POWER will take the lead in conducting studies on separation, capture & 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>.

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【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.nex.jx-group.co.jp/english/newsrelease/upload\\_files/20230613EN.pdf](https://www.nex.jx-group.co.jp/english/newsrelease/upload_files/20230613EN.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](https://www.jogmec.go.jp/english/news/release/news_10_00036.html)

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

[https://www.nex.jx-group.co.jp/english/newsrelease/upload\\_files/20230126\\_EN.pdf](https://www.nex.jx-group.co.jp/english/newsrelease/upload_files/20230126_EN.pdf)

Note 5: Value chain consisting of the separation, capture, transportation, injection, and storage of CO<sub>2</sub>.

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

[20220613\\_01\\_01\\_2006437.pdf \(eneos.co.jp\)](https://www.eneos.co.jp/20220613_01_01_2006437.pdf)

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