

November 17, 2023

PRESS RELEASE

Chiyoda Awarded the Study for CCUS Hubs and Clusters Concept in Niigata by MGC

Chiyoda Corporation (Chiyoda) is pleased to announce that it has been awarded the study for a CCUS^(*) hubs and clusters concept in East-Niigata by MITSUBISHI GAS CHEMICAL COMPANY, INC. (MGC).

The study is a part of the feasibility study of CCS in East-Niigata area, which is a public solicitation by Japan Organization for Metal and Energy Security (JOGMEC) regarding the Request for Proposal on the “Business Feasibility Study on Japanese Advanced CCS Project” in the fiscal 2023, which is entrusted to Japan Petroleum Exploration Co.,Ltd, MGC, Tohoku Electric Power Co.,Inc., Hokuetsu Corporation, and Nomura Research Institute,Ltd.(hereinafter the “Consortium” for the five companies together) and Chiyoda has been awarded the contract by MGC.

The feasibility study will be conducted by the Consortium aiming at launching a CCS project by 2030, while examining CO₂ separation and capture from existing chemical plant, papermaking plant and power station, CO₂ injection and storage point, and transportation pipeline to connect these venues in the East-Niigata area which is a target region in the “Niigata Carbon Neutrality Site Development and Foundation Establishment Strategy” unveiled in March 2023 by Niigata Prefecture. Continuing from last year, Chiyoda will conduct a study on facilities towards the construction of a hydrogen production unit using a Steam Methane Reformer (SMR).

Chiyoda has constructed over half of the large-scale hydrogen production units using SMRs for refineries in Japan and will be actively engaged in the expansion of blue hydrogen produced by adding CO₂ separation and capture units to SMRs as a realistic method for reducing carbon emissions.

As an integrated engineering company, Chiyoda has been engaged in studies and EPC projects, and the development of technologies to realize a carbon neutral society, and will continue to contribute to the development of a sustainable society in line with our management philosophy of “Energy and Environment in Harmony”.

Note)

*1: Carbon Capture, Utilization and Storage

For further information, please contact:

Chiyoda Corporation

IR、PR & Sustainability Advanced Section

Email: irpr@chiyodacorp.com

URL: <https://www.chiyodacorp.com/en/contact/index.ph>