

**PRESS RELEASE**

16 June 2023

**Chiyoda Awarded an Engineering, Procurement and Construction Contract  
for a 400Nm<sup>3</sup>-CO<sub>2</sub>/h Methanation Test Plant**

Chiyoda Corporation (Chiyoda) is pleased to announce that it has been awarded an Engineering, Procurement and Construction (EPC) contract by INPEX CORPORATION (Customer) for a 400Nm<sup>3</sup>-CO<sub>2</sub>/h methanation test plant.

The plant is part of a technology development project being conducted by the Customer, in collaboration with Osaka Gas Co. Ltd under a New Energy and Industrial Technology Development Organization (NEDO) grant, to demonstrate the practical application of a CO<sub>2</sub>-methanation system for the carbon neutralization of gas.

The test plant's equipment will have the world's largest e-methane production capacity of approximately 400 Nm<sup>3</sup>-CO<sub>2</sub>/h and, through this project, Chiyoda will contribute to the early social implementation of methanation technology, a key component for gas decarbonization.

As an integrated engineering company, Chiyoda are engaged in EPC projects around the world and the development of technologies for CO<sub>2</sub> separation and capture, and many others, to realize a carbon neutral society, including the construction of hydrogen supply chains for synthetic fuel feedstock such as e-methane. Chiyoda will continue contributing to the development of a sustainable society in line with our management philosophy of 'Energy and Environment in Harmony'.

For your reference:

Press Release published by INPEX CORPORATION and Osaka Gas Co. Ltd on 16 June 2023

"INPEX, Osaka Gas to Commence Construction of Test Facility for CO<sub>2</sub> Emissions Reduction and Practical Application of Effective CO<sub>2</sub> Use Through One of World's Largest Methanation Operations - Targeting Practical Application of Technology Enabling Carbon Neutralization of City Gas –"

URL: <https://www.inpex.co.jp/english/news/assets/pdf/20230616.pdf>

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