

June 29, 2026

MITSUBISHI GAS CHEMICAL COMPANY, INC.

Mitsubishi Gas Chemical and Gold Hydrogen Sign MOU to Assess the Feasibility of a Green Methanol Project Utilizing Natural Hydrogen in South Australia

Mitsubishi Gas Chemical Company, Inc. (MGC; Head Office: Chiyoda-ku, Tokyo; President: Yoshinori Isahaya) has entered into a Memorandum of Understanding (MOU) with Australia-based Gold Hydrogen Limited (Gold Hydrogen; Head Office: Brisbane; CEO: Neil McDonald) to jointly assess the feasibility of green methanol production on the Yorke Peninsula in South Australia.

Gold Hydrogen is advancing the Ramsay Project, which aims to pursue the commercial extraction of natural hydrogen and helium resources discovered underground in South Australia. With a view to the future commercialization of natural hydrogen and helium development project and the potential expansion into a green methanol business utilizing natural hydrogen, MGC has made an equity investment in Gold Hydrogen.

Under this MOU, both companies will aim to conduct a stepwise feasibility assessment for green methanol production, with natural hydrogen expected to be supplied from Gold Hydrogen's project on the Yorke Peninsula as the core feedstock while utilizing regional resources and infrastructure such as renewable power, and, in line with the progress of the production test at Gold Hydrogen's natural hydrogen exploration well scheduled to commence in late June, plan to launch a preliminary feasibility study in the second half of 2026.

MGC is promoting Carbopath™, an environmentally circular platform designed to realize a methanol-based carbon cycle by producing methanol from multiple sources such as captured CO₂, waste plastics, and biomass, and supplying it for use as fuels, materials, and chemical products. Through collaboration with Gold Hydrogen, MGC aims to realize the supply of green methanol using natural hydrogen, which has the potential to enable zero emissions, thereby accelerating the adoption of environmentally circular methanol across the methanol value chain and contributing to the realization of a sustainable society.

*: [News Release on July 3, 2025, "Investment in Gold Hydrogen Limited"](#)

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INQUIRIES

Public Relations Department
Administrative & Personnel Division
MITSUBISHI GAS CHEMICAL COMPANY, INC.
TEL: +81-3-3283-5040 <https://www.mgc.co.jp/eng/>