

July 3, 2025

MITSUBISHI GAS CHEMICAL COMPANY, INC.

**Investment in Gold Hydrogen Limited**

Mitsubishi Gas Chemical Company, Inc. (MGC; Head Office: Chiyoda-ku, Tokyo; President: Yoshinori Isahaya) announces that it has decided to invest in Gold Hydrogen Limited (Gold Hydrogen; Head Office: Brisbane, Australia; CEO: Neil McDonald), a company promoting the development of natural hydrogen<sup>\*1</sup> and helium in Australia. Through this investment, MGC will also explore possibilities for direct participation in future commercialization projects related to natural hydrogen and helium development.

Gold Hydrogen is a startup company driving the Ramsay Project, aiming to explore and commercialize natural hydrogen and helium resources in South Australia. Through its drilling activities conducted in the Ramsay region of the Yorke Peninsula, South Australia, Gold Hydrogen has confirmed the presence of high-purity natural hydrogen, helium, and helium-3<sup>\*2</sup>, raising significant expectations for the future commercialization potential of the Ramsay Project.

This project has the potential to achieve zero-emission hydrogen production and is expected to have wide-ranging applications in industrial uses, transportation, and power generation. Additionally, helium-3 has promising potential as a critical material in advanced technological fields and is anticipated to contribute to MGC's expansion into new business domains.

MGC has identified the promotion of sustainability management as a key objective in "Grow UP 2026", the medium-term management plan, and is accelerating initiatives toward achieving carbon neutrality. Hydrogen is gaining attention as a next-generation clean energy source, and this investment is positioned as part of MGC's efforts to secure essential hydrogen resources for its long-term and sustainable growth strategy.

The funds invested by MGC in Gold Hydrogen will be allocated for further drilling operations and the design and planning of pilot facilities for the separation and refinement of hydrogen and helium within the Ramsay Project, which is set to commence in Q4 2025. Additionally, MGC intends to closely collaborate with Gold Hydrogen through technical support and joint studies in the development process aimed at commercializing natural hydrogen, including exploring the potential for green methanol production.

MGC remains committed to investing in innovative companies and technologies to realize a sustainable clean energy society in the future.

\*1: Natural Hydrogen: Hydrogen that naturally exists underground and can be directly extracted. It does not emit CO<sub>2</sub> during the extraction process and has the characteristics of being cost-effective and sustainable, making it a pioneering option and attracting attention as a next-generation energy source.

\*2: Helium-3: A rare isotope of helium with two protons and one neutron in its nucleus, making it lighter than the common helium-4, which has two protons and two neutrons. Helium-3 is considered a promising fuel for future nuclear fusion power generation.

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[Reference]

For more about Gold Hydrogen Limited: <https://www.goldhydrogen.com.au/>

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## INQUIRIES

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