

August 9, 2024  
Mizuho Securities Co., Ltd.

## **Mizuho Securities Co., Ltd. signs MoU with Gold Hydrogen Ltd. to drive Natural Hydrogen businesses**

Mizuho Securities Co., Ltd. (President & CEO: Yoshiro Hamamoto) concluded a non-binding memorandum of understanding (MoU) with Gold Hydrogen Ltd. To establish a framework for the development of relationship. It also including the consideration of future advisory assignments and the cooperative promotion of Natural Hydrogen usage.

Mizuho Financial Group states the hydrogen as one of the most promising area to decarbonize along many industrial sectors. And released that Mizuho aims to provide JPY 2 trillion in financing for the production and supply of hydrogen and related technologies\* by 2030, to strengthening our ability to finance supply chains for hydrogen and related technologies in May 2024. Natural hydrogen is hydrogen that can be extracted as an underground resource. It is attracting attention as the lowest-cost hydrogen with the least environmental impact. Mizuho Securities has been studying Natural Hydrogen since beginning of 2023, hence lacking of low cost / sustainability beneficial hydrogen recently.

Gold Hydrogen is a leading Natural Hydrogen / Helium exploration and development company in Yorke Peninsula in South Australia. Known in Japan by lectured at “Japan Energy Summit & Exhibition” in June 2024, and also Japanese documentary about Natural Hydrogen which partly featured Gold Hydrogen released on April 2024. Now, new results that have shown purity levels for Natural Hydrogen to be up to 95.8% and for Helium to be up to 20 to 25%.

Based on the MoU, Mizuho Securities would use discovery, usage and ESG / sustainability benefits of Natural Hydrogen and Helium to support investment and growth strategies of the domestic/global hydrogen related clients in the future.

\* "Hydrogen and related technologies" refers to areas including hydrogen, ammonia, and e-methane.

[Reference Information]

Mizuho Financial Group:

[Strengthening our ability to finance supply chains for hydrogen and related technologies](#)