



WOODSIDE, JSE AND KEPCO EMBARK ON DEVELOPMENT OF LIQUID HYDROGEN SUPPLY CHAIN

September 25, 2025

Woodside Energy

Japan Suiso Energy, Ltd.

The Kansai Electric Power Co., Inc.

Woodside Energy (Woodside), Japan Suiso Energy, Ltd. (JSE) and The Kansai Electric Power Co., Inc. (KEPCO) have teamed up under a new memorandum of understanding (MOU) to pioneer the development of a liquid hydrogen supply chain between Australia and Japan.

Under the MOU, the parties will embark on the creation of an innovative supply chain in which liquid hydrogen, produced at Woodside's proposed H2Perth Project in Western Australia, would be shipped in liquid hydrogen carriers to receiving terminals in Japan.

Woodside's H2Perth Project would be located in the Rockingham and Kwinana Industrial Zones in Perth, Western Australia. The facility is intended to produce liquid hydrogen via natural gas reforming, with the intention of achieving net zero Scope 1 and 2 greenhouse gas emissions from the start of operations. This would be achieved through the application of carbon capture and storage (subject to further technical assessments and securing all necessary commercial arrangements and regulatory approvals) and to the extent needed the use of carbon credits as offsets.

The MOU reflects the parties' shared ambition to accelerate the energy transition, bringing together technology, infrastructure and international collaboration to help power a lower-carbon future, underpinning the value of a hydrogen supply chain and further strengthening Australian–Japan relations.



About Woodside Energy

Woodside is a global energy company. Driven by a spirit of innovation and determination, we established the liquefied natural gas industry in Australia in the 1980s. We have safely and reliably delivered gas to homes and businesses in Australia and customers around the world for decades, supporting the development of industry and driving economic prosperity. Today, our strategy is to thrive through the energy transition with a resilient and diversified portfolio of oil, gas and new energy projects building on our current projects in Australia, North America and Africa. For more information, visit <https://www.woodside.com/>.

About Japan Suiso Energy, Ltd

Japan Suiso Energy (JSE) is a Japanese energy company focused on developing a global supply chain for liquefied hydrogen. Established in 2021, JSE leads the "Liquefied Hydrogen Supply Chain Commercialization Demonstration Project" under Japan's Green Innovation Fund, in partnership with ENEOS Corporation. The company is building infrastructure to support hydrogen production, liquefaction, transport and supply, including the Kawasaki LH₂ Terminal in Kawasaki City. This facility will enable large-scale domestic and international hydrogen logistics, supporting Japan's goal of carbon neutrality by 2050. For more information, visit <https://www.japansuisoenergy.com>.

The Kansai Electric Power Co., Inc.

The Kansai Electric Power Co., Inc. (KEPCO) is a leading Japanese energy provider. Established in 1951, KEPCO has played a significant role in delivering reliable electricity and energy solutions to households, businesses, and industries across the Kansai region, including major cities like Osaka, Kyoto and Kobe, and beyond. In 2021, KEPCO established the "Zero Carbon Vision 2050," aiming for carbon neutrality throughout the entirety of its business activities, including power generation, by 2050. With priority given to safety, KEPCO is making best efforts to maximize the introduction of renewable energy and nuclear power, as well as working to decarbonize thermal power. KEPCO also looks to contribute to decarbonization on an international level. For more information, visit <https://www.kepcoco.jp/english/>.

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Signing Ceremony of the MOU in Osaka, Japan

From left to right

1. Andy Drummond, Executive Vice President Strategy, Woodside
2. Hon Madeline King MP, Australian Government, Minister for Resources
3. Eiichi Harada, Representative Director of the board, President and CEO, JSE
4. Hon Roger Cook MLA, Premier of Western Australia
5. Satoshi Kuwano, Executive Vice President, KEPCO