

Iwatani begins a study into green hydrogen production, liquefaction, and importing, to launch business with Stanwell, Australia,

Iwatani Corporation (Head Offices: Osaka and Tokyo, President: Hiroshi Majima, Paid-in Capital: 35 billion yen) has begun a study into the production of green hydrogen, liquefaction, and import, with the goals of launching business with Australian power company Stanwell and building a large-scale hydrogen supply chain in the future.

In this study, Iwatani plans to produce hydrogen in the state of Queensland, Australia, using renewable energy such as solar and wind power. Iwatani is also examining ways to liquefy the green hydrogen it will produce at a liquid hydrogen plant and export it to Japan using large liquid hydrogen carriers.

Operated directly by the state government, Stanwell is the largest power company in Queensland and operates a power transmission and distribution business. Utilizing the expertise and existing resources of Stanwell, the two companies will begin this study into a potential business.

Against the background of increasing global awareness of the environment, the utilization of green hydrogen energy is expected. To achieve the carbon-neutral or decarbonized society that the Japanese Government has declared to be a goal, Iwatani will secure a large amount of inexpensive liquid hydrogen overseas to facilitate a society capable of the large-scale utilization of hydrogen, an ultimately clean energy, to contribute to society.

Since Iwatani began dealing in hydrogen in 1941, it has built a nationwide end-to-end network, including manufacturing, transportation, storage, supply, and security. In 2006, Iwatani built Japan's first liquid hydrogen plant in Sakai City, Osaka. Currently, Iwatani is the only liquid hydrogen supplier in Japan capable of producing 120 million m³ of liquid hydrogen every year (3 bases, 6 plants). It also has compressed hydrogen plants at 10 locations nationwide. Utilizing its overwhelmingly advantageous business foundation, Iwatani's has a 70% share of the hydrogen market in Japan. As the leader in hydrogen, Iwatani will leverage the technology and know-how it has cultivated to date, and will continue its efforts to enable a hydrogen energy society.