



ENEOS

HENCA Tokyo 2024

ENEOS Hydrogen Business Overview

ENEOS Corporation
[E'-ne-ohs]

ENEOS Group Japan's Premier Energy and Materials Corporate Group

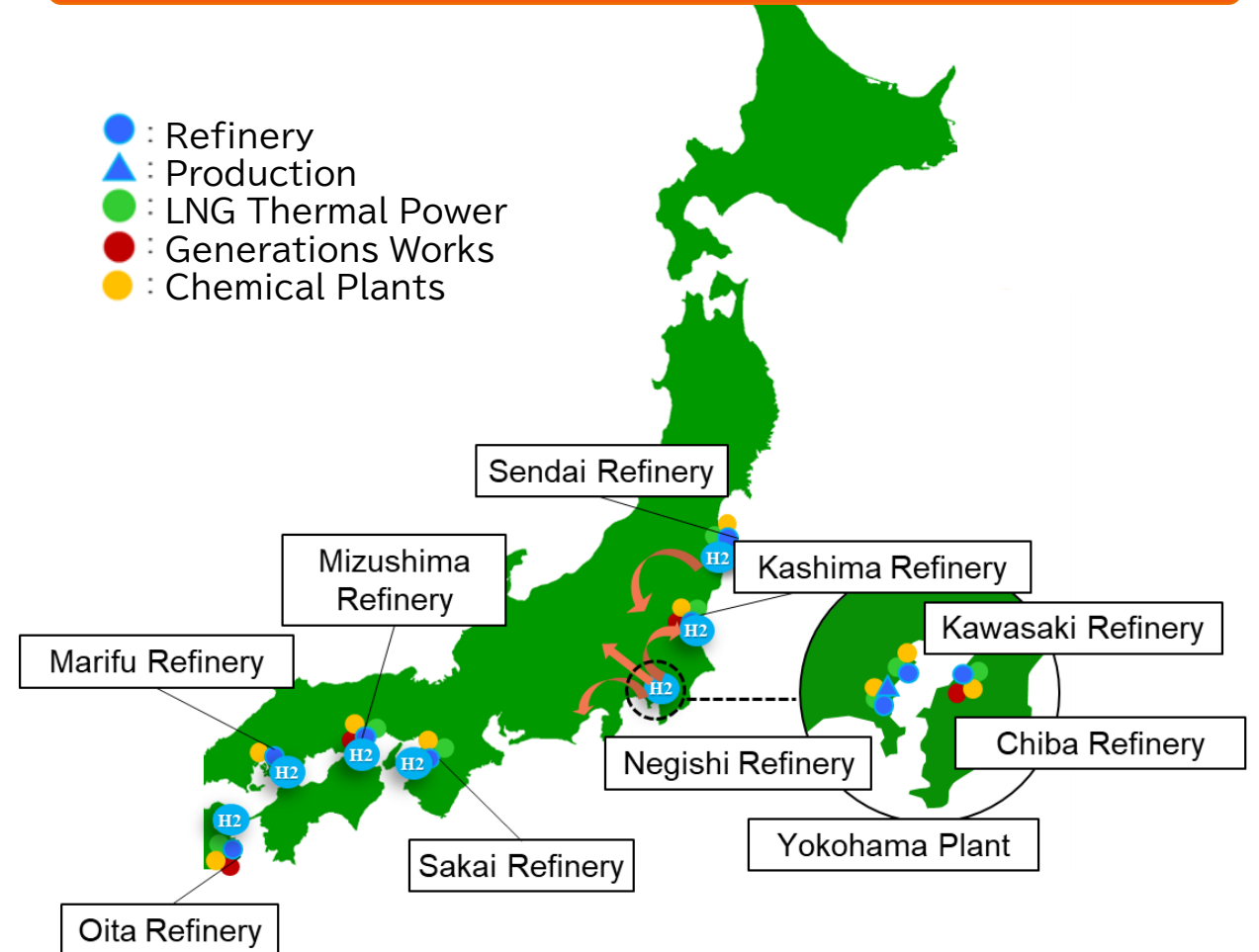
ENEOS Clean Hydrogen Supply Chain

- Exploring Australia, South-East Asia, Middle East, and US as clean hydrogen sources.
- Considering to use ENEOS refineries as hydrogen hub for international hydrogen supply chain.

Supply source of Clean Hydrogen



Receiving at ENEOS refineries in Japan



Supply and use around ENEOS refineries

Mizushima

Direct hydrogen-reduction steelmaking

■ Partner : **JFE Steel**

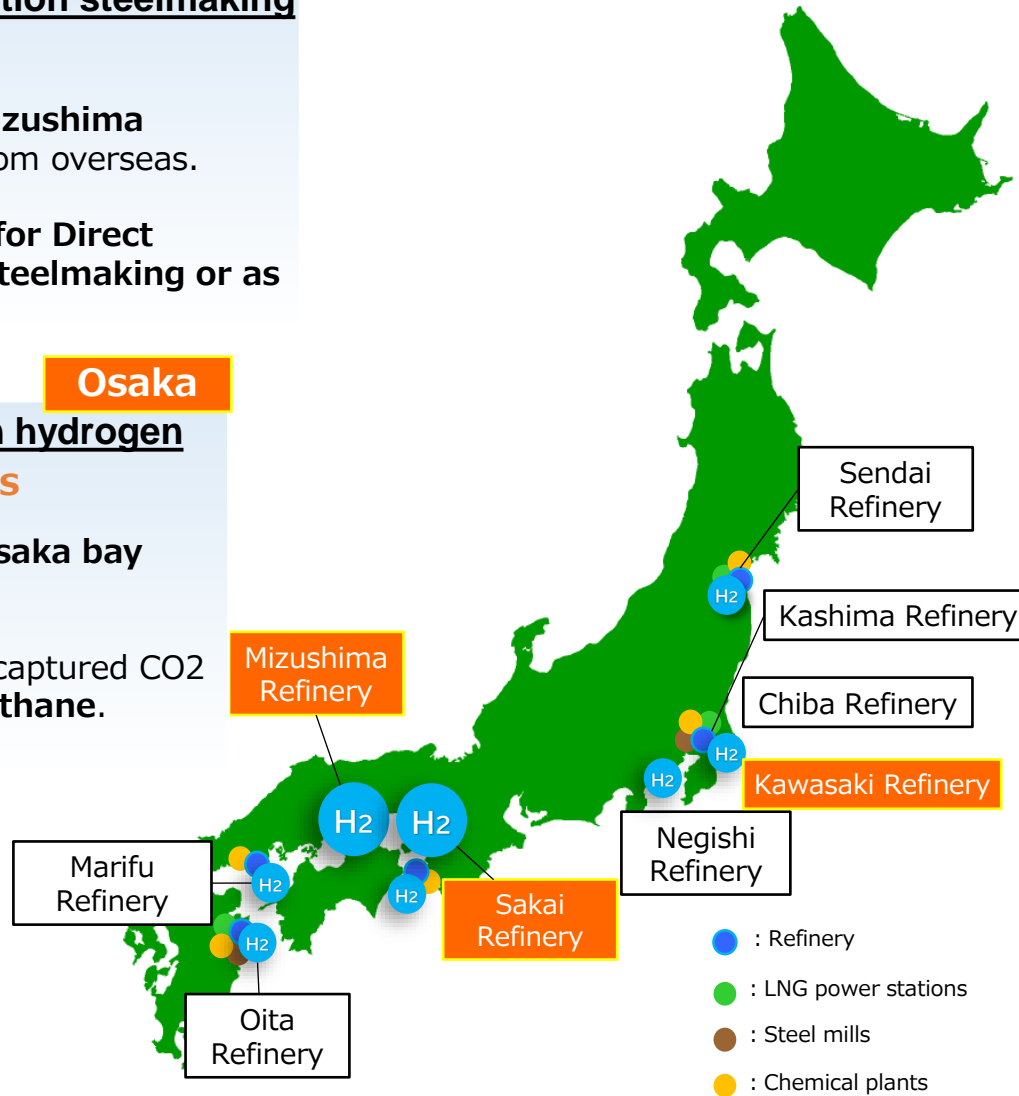
- Transporting MCH to **Mizushima Industrial Complex** from overseas.
- Utilization of hydrogen for **Direct hydrogen-reduction steelmaking** or as a **fuel** in the steel mill.

Osaka

E-methane using green hydrogen

■ Partner : **Osaka Gas**

- Transporting MCH to **Osaka bay area** from overseas.
- MCH and domestically captured CO2 used to **produce e-methane**.



Hydrogen supply to Haneda Airport

Kawasaki

■ Partner : **Japan Airport Terminal, Airport Facilities**

- Utilization of hydrogen for **electricity and heat sources GSE (Ground Support Equipment) vehicles** within Haneda Airport facilities.
- **Importing hydrogen produced overseas to the Kawasaki coastal area and supplying it to Haneda Airport.**

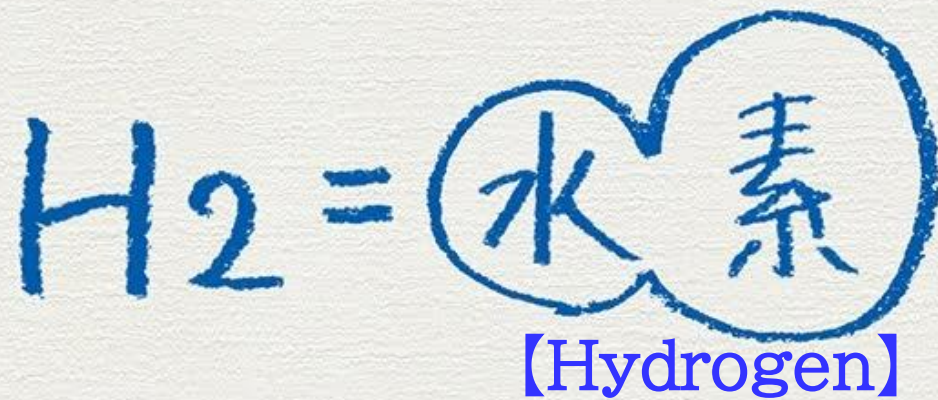
Liquefied hydrogen supply chain

■ Partner : **JSE, KHI, Iwatani**

- Conducting a commercial demonstration of the **liquefied hydrogen supply chain**.
- With Kawasaki Heavy Industries (KHI), which is engaged in the development of liquefied hydrogen carriers, and Iwatani Corporation, which possesses expertise in handling liquefied hydrogen, along with their joint venture, Japan Suiso Energy(JSE)

Image of Hydrogen pipeline plan in the west side of Tokyo Bay





未来のクリーンエネルギー
【Future Clean Energy】

