History

For more than 120 years since its foundation, the Kawasaki Group has constantly been on the cutting edge of technology, creating numerous national and global firsts.

Now, in anticipation of the increasingly widespread use of hydrogen energy as a means of achieving carbon neutrality, we will be drawing on our more than 40-year accumulation of technology and expertise to advance our hydrogen business.

Kawasaki's History

Contributing to the nation—to society—through expertise — by Shozo Kawasaki

Kawasaki Dockvard

completed Co., Ltd., established in 1902 Kohe 1896

Establishment of Kawasaki Tsukiji



Shipyard in Tokyo by Shozo

1878

1897

Kawasaki Dockyard's first ship, the cargo-passenger

Construction of a dry

Shipyard's first dock, is

dock, the Kobe



1922



locomotive completed

1911

Kawasaki's first airplane, Type Otsu 1 Surveillance

CO₂-free Hydrogen Energy

low-NOx

technology

2015

Supply-Chain Technology



1936

Production and sale of

screw pumps started

1943

Successful test flight of Japan's first aircraft jet

engine, the Ne O Engine

The Hydrogen Council, a

global initiative, is launched

Kawasaki achieves the world's

area using 100% hydrogen

hydrogen-fueled gas first cogeneration (combined

turbine combustion heat and power) in an urban

2018—

GPS200 gas turbine generator developed 1976

Kawasaki-Unimate 2000, Japan's first industrial robot, is released 1969

1979 Production of Jet Ski® watercraft begun 1973



1981 Delivers the first LNG carrier built in Japan

First flight of the BK117

Authority

1991

1983

325 subway cars delivered

to New York City Transit

of the Eurotunnel



2004 Kawasaki's tunnel Ships first 700T train to Taiwan High Speed Rail boring machines successfully complete excavation



Kawasaki Green Gas Engine

48.5% electrical efficiency

2007 -

achieved the world's highest

2015

Kawasaki launches automated PCR testing services



Kawasaki is developing Japan's first robotic assisted surgery system "hinotori™ Surgical Robot System"

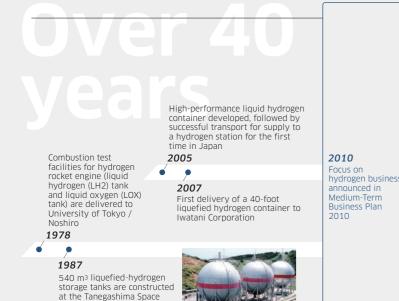
Group Vision 2030 formulated motorcycles launched

2019



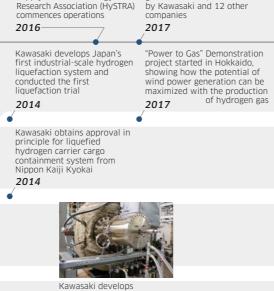


-Hydrogen. Energy of hope for a carbon neutral world.



Center of the IAXA (former

National Space Development Agency [NASDA])







Demonstration project for the commercialization of liquefied hydrogen supply chain Innovation Fund Support 2021

Development of large-scale high-efficiency equipment for hydrogen liquefiers selected for NEDO Green Innovation

Fund Support 2021

The Japan Hydrogen

Kawasaki

2020

2020

Association is launched by

Selling of the hydrogen liquefier which was the first

developed by made-in-Japan

technologies started

87 companies, including

Kawasaki completes world's first liquefied hydrogen receiving terminal Kobe LH2 Terminal (Hy touch Kobe) Kawasaki completes basic design for world's largest class (11,200 m³) spherical liquefied
hydrogen storage tank

The L30A, a 30 MW class nd MHFS (Marine Hydrogen Fuel System) oject, and Kawasaki hydrogen aircraft core gas turbine capable of hnology development project selected for fuel combustion, delivered

HySTRA celebrates completion of world's first liquefied hydrogen vessel voyage in

Janan

2022



Supply chain

Kawasaki obtains approval in principle for large 160 000m3 iquefied hydrogen carrier 2022

Kawasaki and Airbus

to study use of hydrogen in Japan

2022

Kawasaki Report 2022 Kawasaki Report 2022