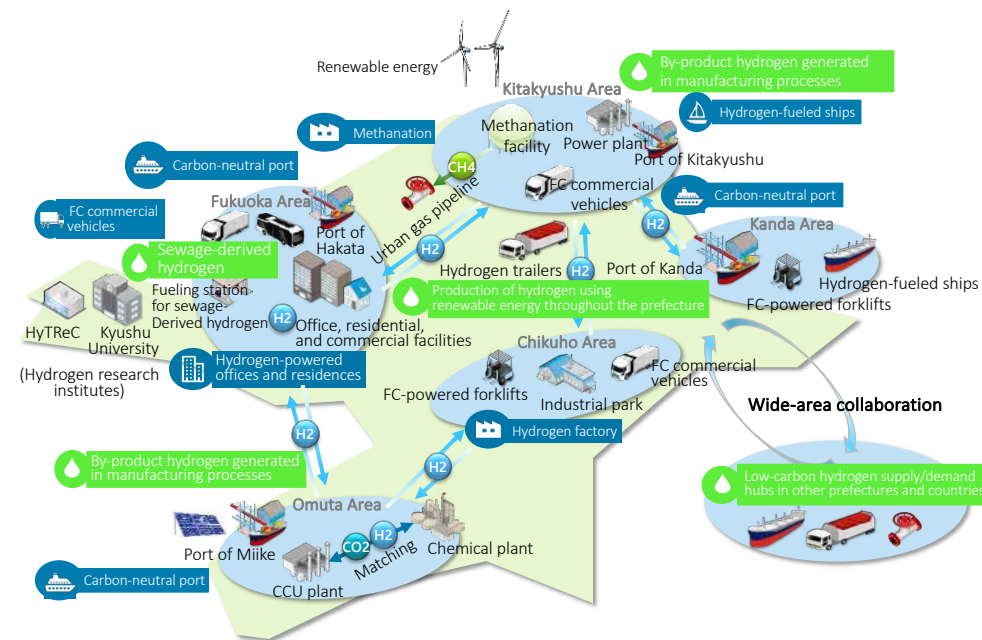


Construction of a hydrogen supply chain

Fukuoka Prefecture's Advantages

- 1 The establishment of a hydrogen site of the largest scale on the Sea of Japan side will contribute to energy security
- 2 A diverse mix of hydrogen sources will ensure a steady supply of hydrogen
- 3 The area has strong potential for large hydrogen demand
- 4 A framework that includes Kyushu University can be established to provide integral support from information collection to business development



Fukuoka Prefecture selected as a "core local government" in a priority area for FC commercial vehicle promotion!

- Among local governments nationwide, Fukuoka Prefecture promotes the spread of FC mobility by providing top-level support for both vehicles and hydrogen stations.
- In recognition of its efforts, in May 2025, Fukuoka was selected as one of six prefectures designated as "core local governments" in priority areas for FC commercial vehicle promotion.



Major achievements in FC mobility

- Introduction of 20 FC trucks (including 3 school lunch delivery trucks and 3 garbage collection trucks)
- Demonstration introduction of 1 ambulance
- Commercial operation of hybrid FC vessels for the first time in Japan
- Development of 8 hydrogen stations, including at the prefectural office (4th largest number nationwide)

(As of July 2026)

Land acquisition support

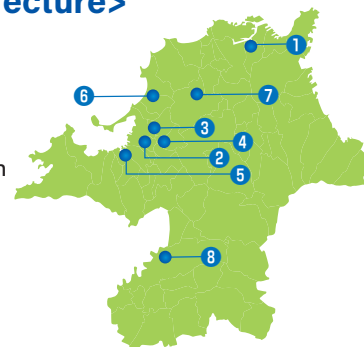
Consistent support, from the introduction of candidate sites to negotiations with land owners

Financial support

Support by means of prefectural subsidies in addition to national subsidies

<Hydrogen stations in Fukuoka prefecture>

- 1 Iwatani Hydrogen Station Kokura
- 2 Iwatani Hydrogen Station Fukuoka Government Office
- 3 Dr. Drive Self Fukuoka Airport SS Hydrogen Station
- 4 Dr. Drive Self Dazaifu Interchange SS Hydrogen Station
- 5 Fukuoka City Hydrogen Station
- 6 Dr. Drive Self Koga SS Hydrogen Station
- 7 Fukuoka-Miyata Hydrogen Station
- 8 Hydrogen Station Kurume

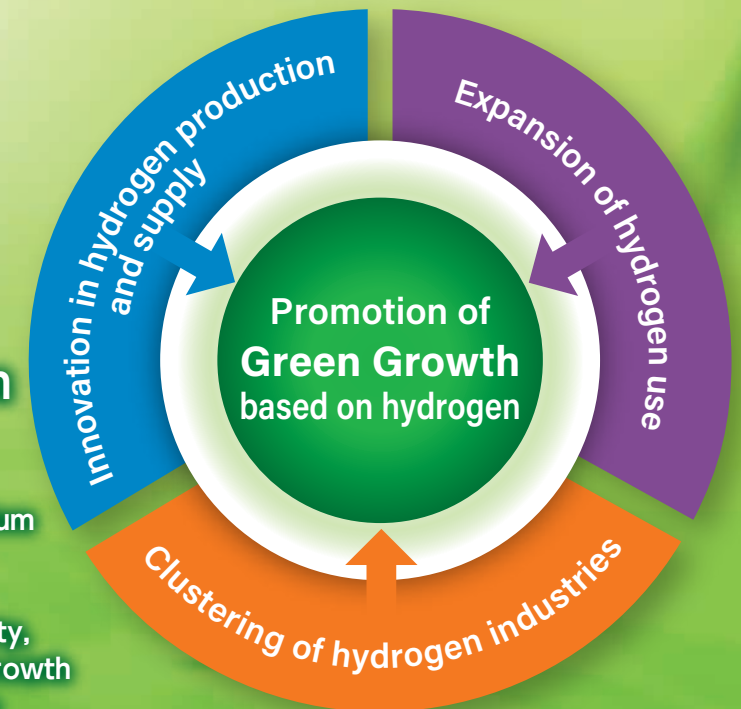


Fukuoka Prefecture Hydrogen Green Growth Strategy Conference

Promoting Fukuoka Prefecture as a Front Runner in Realizing a Hydrogen Society via Industry-Academia-Government Collaboration

Fukuoka is the first prefecture nationwide to launch hydrogen initiatives through an industry-academia-government consortium established in 2004.

To realize carbon neutrality across the industrial sectors and throughout society, the Fukuoka Prefecture Hydrogen Green Growth Strategy Conference will pursue initiatives to achieve Green Growth based on the use of hydrogen and create a direct link between environmental measures and economic growth.



Fukuoka Prefecture Hydrogen Green Growth Strategy Conference

Establishment

August 2, 2022 (establishment of the predecessor organization on August 3, 2004)

Chairman

Naoki Sato <Nippon Steel Corporation>

Vice Chairmen

Shigehiro Yabuno <Iwatani Corporation>
Yuichiro Fujiyama <ENEOS Corporation>
Atsushi Hayata <Kyushu Electric Power Co., Inc.>
Nobutaka Iwahara <Toyota Motor Kyushu Co., Ltd.>
Kazunari Sasaki <Kyushu University>

Advisors

Seitaro Hattori <Governor of Fukuoka Prefecture>
Mitsuaki Hoshino <Director, Kyushu Bureau of Economy, Trade and Industry>
Katsuji Bansho <Director, Kyushu Environment Bureau>
Kazuhisa Takeuchi <Mayor of Kitakyushu City>
Soichiro Takashima <Mayor of Fukuoka City>
Tatsuro Ishibashi <President of Kyushu University>

Chief Secretary

● Nippon Steel Engineering Co., Ltd.

Deputy Secretary

● Hydrogen Energy Test and Research Center

Secretaries

● Iwatani Corporation ● Kyushu Electric Power Co., Inc.
 ● Saibu Gas Co., Ltd. ● Shimizu Corporation
 ● ENEOS Co., Ltd. ● Electric Power Development Co., Ltd.
 ● Toyota Motor Kyushu Co., Ltd. ● Honda R&D Co., Ltd.
 ● Mitsubishi Heavy Industries, Ltd.
 ● Panasonic Electric Works Co., Ltd.
 ● Hydrogen Institute for Sustainability, Kyushu University
 ● Saga University
 ● Kyushu Bureau of Economy, Trade and Industry
 ● Kyushu Regional Environmental Office
 ● Fukuoka Prefecture ● Kitakyushu City ● Fukuoka City

Members

957 companies and institutions

(As of July 2026)

Two Visions of the New Strategy



Fukuoka Prefecture Hydrogen Green Growth Strategy

1 Roll out industrial policies in response to the creation of an enormous hydrogen market and the trend toward decarbonization

- An enormous hydrogen market has emerged that is worth 160 trillion yen. Measures are needed to support entry into this potential growth industry.
- Manufacturing industries in Fukuoka are also pressed to respond to the decarbonization trend and require support for introducing hydrogen technologies.

2 Transition from gray hydrogen to blue hydrogen and further to green hydrogen

- The 2050 Carbon Neutrality Declaration will hereafter promote a shift from gray hydrogen to blue hydrogen and further to green hydrogen.
- Emphasis will be placed on initiatives in the green hydrogen sector by leveraging Fukuoka's strengths as an advanced renewable energy region.

Three Pillars of the New Strategy

1 Innovation in hydrogen production and supply

The dissemination of green hydrogen requires cost reduction and diversification of hydrogen production and supply

[Example initiatives]



Construction of a hydrogen supply chain

The foundation for a hydrogen supply chain will be built centered on Fukuoka Prefecture. In addition, support will be provided for feasibility studies on the development of hydrogen local production and consumption networks throughout the prefecture by leveraging the characteristics of hydrogen that can be produced using a variety of methods.



Promotion of industry-government-academia exchanges with foreign countries in the hydrogen sector

The trade fair scheduled to be held in New South Wales, Australia as a counterpart party to an MOU, will be promoted by supporting the participation of Japanese companies and organizing business discussions with local companies.



2 Expansion of hydrogen use

Hydrogen use will be expanded to new applications, including trucks, buses, and government vehicles

[Example initiatives]



Development of large-scale hydrogen stations

Support will be provided for the development of large-scale hydrogen stations for use by large trucks and buses.



Promotion of the introduction of hydrogen commercial vehicles with costs comparable to diesel vehicles

Support for the introduction of fuel cell (FC) commercial vehicles and other hydrogen-powered commercial vehicles, as well as subsidies for fuel costs, will be provided at one of the highest levels in Japan.



Conversion of regional transport and garbage collection vehicles to fuel cell (FC)

The introduction of hydrogen to community-based mobility will be promoted.



3 Clustering of hydrogen industries

High-growth hydrogen industries need to be clustered for maximum benefit

[Example initiatives]



Operation of the Fukuoka Hydrogen Green Innovation Support Center

Fukuoka and Kyushu University will work together to provide one-stop support for inquiries related to the hydrogen sector, including inquiries about (1) entering the hydrogen industry, (2) introducing hydrogen technologies, and (3) planning and arranging social demonstration projects via industry-academia-government collaboration.



Support for the development of new green hydrogen products

Subsidies will help cover the development costs of hydrogen products, and support will be provided to expand market opportunities through exhibitions at trade fairs.



Development of human resources for hydrogen-related industries

The Hydrogen Energy Human Resources Center will provide on-demand courses and facility tours to promote the creation of new market entrants and develop engineers. In addition, bus tours will be offered to junior high and high school students to broaden the base of future human resources.

Fukuoka is a leading hydrogen region that is home to a cluster of cutting-edge research and testing institutions

Hydrogen Institute for Sustainability, Kyushu University

Provides an integrated approach, from basic research to applied and empirical research. A world-class center for education and research in hydrogen energy, bringing together industry, academia, government, and the local community. Leverages the strengths of its divisions to contribute to the realization of a low-carbon society.

Hydrogen Production Research Division

Research, development, and demonstration of catalysts, electrochemistry, and photochemical processes aimed at low-cost green hydrogen production

Hydrogen Delivery and Storage Research Division

Development of a foundation for safety and reliability utilizing metal and polymer materials, hydrogen properties, evaluation methods and standards, and machine learning

Hydrogen Utilization Research Division

Advancement of hydrogen utilization technologies such as fuel cells, research on materials, devices, and systems, and their application to mobility and other fields

International and Interdisciplinary Collaboration Research Division

Advancement of global and interdisciplinary collaboration and promotion of the design, demonstration, and social implementation of integrated energy systems for hydrogen production, delivery, storage, and utilization

Hydrogen Energy Test and Research Center (HyTReC)

At HyTReC, hydrogen products can be tested using world-class testing facilities. As a third-party institution that evaluates the performance and reliability of hydrogen products, HyTReC supports the R&D and product testing activities of small and medium-sized venture companies.



Conducting a durability test using hydrogen gas

Public testing institution for hydrogen products

Prototypes, etc.

- Gas cycle tests
- Burst tests
- Hydraulic cycle tests
- Expansion measurement, etc.



Measuring the expansion of a large hydrogen cylinder

Support provided by the Strategy Conference

Hydrogen production and utilization

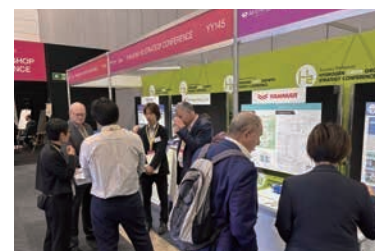
Support for hydrogen production within the prefecture

Support is provided for cost estimation and surveys of hydrogen demand and other factors needed to develop hydrogen projects for local production and consumption. Up to 10 million yen (50% subsidy rate)

Business matching with overseas companies

Support for participation in trade fairs overseas

Support is provided for participation in hydrogen-related trade fairs held in Australia.



Introduction of FC mobility

Vehicle introduction subsidies

Subsidies are provided for the conversion of existing trucks to hydrogen engines. Up to 15 million yen/vehicle

Fuel cost subsidies

Subsidies are provided for the fuel costs of operating FC commercial vehicles (covering the price difference between hydrogen and diesel). Up to 4.8 million yen

Hydrogen stations

Subsidies for operating costs

Subsidies are provided for the cost of operating hydrogen stations in proportion to the number of FC commercial vehicles served.

Call for infrastructure operators

Infrastructure operators are being sought to work with Fukuoka Prefecture in studying and planning the development of Kyushu's first large-scale hydrogen station for large FC commercial vehicles

Market entry support

Dispatch of advisors

Advice on entering the hydrogen sector and utilizing hydrogen is provided by former and current professionals of major manufacturing companies.

<Advisors>

Mr. Noboru Hashimoto (former employee of Panasonic Corporation)
Mr. Hidemi Onaka (former employee of Toyota Motor Corporation)
Mr. Keisuke Koide (Kawasaki Heavy Industries, Ltd.)

Product development support

Support is provided for feasibility studies of seeds studies and full-fledged production development by industry-government-academia collaboration teams.

[Feasibility studies] Up to 5 million yen (50% subsidy rate)

[Commercialization research (three years)] Up to 25 million yen (50% subsidy rate)

Support for participation in trade fairs

Support is provided for participation in trade fairs in Japan such as the FC EXPO, to expand market opportunities for hydrogen products.