



How many stations does hydrogen energy have





Overview

There are over 400 hydrogen fueling stations globally. Countries like the US, Japan, and Europe have extensive hydrogen station networks. Efforts are ongoing to expand hydrogen station availability worldwide. South Korea, China, and Japan lead in hydrogen infrastructure.

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Munich-- In 2024, around 125 new hydrogen refuelling stations were opened worldwide: 42 in Europe, around 30 in China, 25 in South Korea, 8 in Japan and 13 in North America. This is the result of the 17th annual evaluation of H2stations.org, an information service of LBST GmbH. 45 countries now.

According to the latest figures from LBST's H2stations.org report, the number of operational hydrogen refuelling stations worldwide has officially crossed the 1,000 mark. Specifically, by the end of 2024, around 1,160 stations were up and running – an impressive milestone for an industry once.

The United States hydrogen refueling network has 52 operational stations as of 2025—and it's shrinking. After Shell closed seven California stations in February 2024, the infrastructure that was supposed to revolutionize transportation is collapsing instead of expanding. California holds 50 of.

Find hydrogen fueling stations in the United States and Canada. For Canadian stations in French, see Natural Resources Canada. An unexpected error occurred. Please try again or contact us for assistance. These stations are only available to a certain subset of customers. An unexpected error.

By the end of 2023, there were 1,063 hydrogen refueling stations (HRS) in operation in 35 countries worldwide. The number of stations globally is forecast to increase to 6,080 by 2030, fueled by favorable government policies and rising demand for hydrogen-powered vehicles. The HRS supply chain.

The U.S. hydrogen fueling landscape is pretty sparse, with just 74 stations



nationwide. California, naturally, hogs most of them - 54 retail locations. The rest?

Scattered like breadcrumbs across seven states, with Hawaii managing two stations and others settling for one each. Michigan and Ohio.



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[Hydrogen Fueling Station Locations](#)

Use this tool to view alternative fuel corridors designated by the Federal Highway Administration and to measure the distance between stations that meet the Round 8 criteria for corridors. ...

[China tops world in hydrogen stations, fueling a clean energy future](#)

China is at the forefront of the global hydrogen race, boasting the world's largest network of hydrogen refueling stations. With its ambitious clean energy goals and substantial ...



[There are only 1,160 hydrogen refuelling stations worldwide](#)

However, by the end of 2024 there were only 1,160 hydrogen refuelling stations in operation worldwide. Of these, 748 were in Asia, with China leading the way with 384 stations.



[5 Fast Facts about Hydrogen and Fuel Cells](#)

Although not well-known, hydrogen & fuel cells have the potential to solve some of the biggest problems in energy. Here are 5 ...

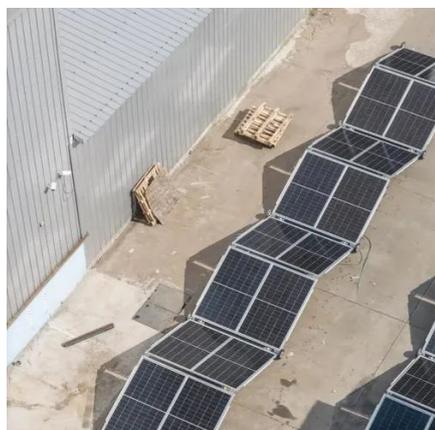


[Hydrogen Energy Explained: Everything You ...](#)

Hydrogen energy is emerging as a key clean fuel in the global move toward sustainability, offering the potential to decarbonise industries, transport ...

FAQs

Where does the hydrogen come from for the BC station network? Today, HTEC uses locally produced hydrogen made by electrolysis with ...



[Over 1,000 Hydrogen Refuelling Stations Worldwide in 2024](#)

Milestone reached: Around 1,160 hydrogen refuelling stations in operation worldwide at the end of 2024, with new stations opened in Europe, Asia, and North America.



Hydrogen Stations in the US: Current Status

California dominates with 54 hydrogen stations while the rest of America shares just 20. Is this the future we really want? The numbers ...



1000 hydrogen refueling stations in operation

The number of stations globally is forecast to increase to 6,080 by 2030, fueled by favorable government policies and rising demand for hydrogen-powered vehicles.



By The Numbers , H2FCP

By The Numbers FCEV Sales, FCEB, & Hydrogen Station Data The table shows how many fuel cell cars have been sold and leased, how many fuel cell buses are on the road, ...



Hydrogen Vehicle Fueling Infrastructure and Fuel Production ...

The California Energy Commission (CEC) is committed to meeting the goal of 200 publicly available hydrogen refueling stations. The CEC has allocated \$20 million per year through the ...



How Many Hydrogen Fuel Stations Are There in ...

There are over 400 hydrogen fueling stations globally. Countries like the US, Japan, and Europe have extensive hydrogen ...

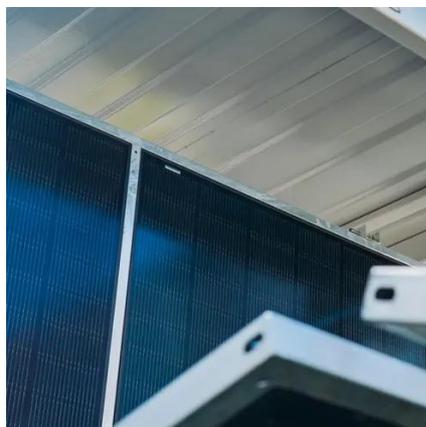


Hydrogen Stations in the US: Current Status

As of 2024, there are just 74 hydrogen fueling stations across the entire country. Despite decades of hype around hydrogen vehicles, ...

Global Hydrogen Station Database 1Q 2025: Over ...

According to the database, more than 800 hydrogen stations have been deployed globally so far. The number of hydrogen stations is ...



Hydrogen infrastructure

Hydrogen infrastructure Hydrogen pipelines A hydrogen infrastructure is the infrastructure of points of hydrogen production, truck and pipeline ...





[Hydrogen Stations in the US: Current Status](#)

As of 2024, there are just 74 hydrogen fueling stations across the entire country. Despite decades of hype around hydrogen vehicles, America's fueling network remains ...



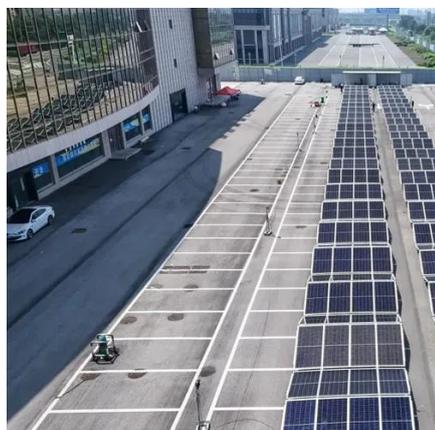
[Hydrogen Delivery , Department of Energy](#)

Because hydrogen has a relatively low volumetric energy density, its transportation, storage, and final delivery to the point of use comprise a ...



[DOE Hydrogen Program Record 21002: Hydrogen Fueling ...](#)

The stations have been designed to meet the SAE International J2601 fueling standard [4] to ensure the safe dispensing of hydrogen into fuel cell light-duty vehicles. Some ...



[Milestone reached: over 1,000 hydrogen refuelling stations in ...](#)

In 2024, around 125 new hydrogen refuelling stations were opened worldwide: 42 in Europe, around 30 in China, 25 in South Korea, 8 in Japan and 13 in North America.



[New report: There are now 1,000+ hydrogen ...](#)

According to the latest figures from LBST's H2stations report, the number of operational hydrogen refuelling stations worldwide ...





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