
Current status of hydrogen energy base stations

How many hydrogen refuelling stations are there in 2024?

Around 1,160 hydrogen refuelling stations were in operation worldwide at the end of 2024, which represents a further increase compared to the previous year. This also includes 384 hydrogen refuelling stations in China. New to the list of countries with hydrogen refuelling stations in operation are New Zealand, Bulgaria and Slovakia.

How many hydrogen refuelling stations are there in Asia?

The first hydrogen refuelling stations in Bulgaria and Slovakia have been opened in their capitals. While many projects in Europe are still in the planning phase, the ratio of stations already in operation in East Asia continued to rise. At the end of 2024, 748 hydrogen refuelling stations were in operation in Asia, 384 of them in China.

Where can I find information on hydrogen refuelling stations?

For 20 years, LBST has been providing information on hydrogen refuelling stations worldwide for international industrial customers. The H2stations.org website offers the most comprehensive overview of all hydrogen refuelling stations that are in operation, planned or have been decommissioned.

How many hydrogen refuelling stations are there in Europe?

At the end of the year, Europe had 294 hydrogen refuelling stations, 113 of which were in Germany. France was in second place in Europe with 65 refuelling stations, followed by the Netherlands with 25 and Switzerland with 19. The first hydrogen refuelling stations in Bulgaria and Slovakia have been opened in their capitals.

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Through the supports, the government try to decrease the price of hydrogen gas to 2500 won/kg until 2050. Our findings provide the current status of hydrogen society ...

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Global hydrogen refuelling stations surpassed 1,000 in 2024, with 1,160 now in operation across 45 countries.

1000 hydrogen refueling stations in operation globally, with a six-fold increase forecast by 2030 By the end of 2023, there were 1,063 hydrogen refueling stations (HRS) in ...

Hydrogen Hydrogen is an alternative fuel that can be produced from a variety of resources. Government--including the U.S. Department of Energy Hydrogen and Fuel Cells Technology ...

Munich. In 2023, 37 new hydrogen stations opened in Europe, 12 in Japan, 29 in South Korea and 7 in

North America. 92 percent of the new European hydrogen refuelling ...

This review highlights the current status, potential, and challenges of both renewable and non-renewable hydrogen production. A new strategy for simultaneous ...

Explore the current landscape of hydrogen fueling stations in the U.S., covering infrastructure growth, challenges, and future opportunities.

The present manuscript aims to present an overview of the most recent literature on hydrogen stations, by presenting the technological status of the system at the global level, and ...

Abstract Hydrogen is the most environmentally friendly and cleanest fuel that has the potential to supply most of the world's energy in ...

Hydrogen production from renewable energy is the most important source of green hydrogen, and the active development of hydrogen production from renewable energy is of ...

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.

DUBLIN-- (BUSINESS WIRE)--The "Global Hydrogen Station Database, 1Q 2025" has been added to ResearchAndMarkets "s ...

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