
How many hydrogen energy base stations are there nationwide

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.

How many hydrogen refuelling stations are there in North America?

Outside of China, South Korea was the world leader in the expansion of hydrogen refuelling infrastructure for the third time in a row with 25 stations in operation. In North America, 13 new petrol stations were opened last year, with the number in Canada increasing by four to twelve.

How many hydrogen stations are there?

The 2019 data showed 47 public stations operating nationwide, highlighting the slow growth of hydrogen infrastructure. Technical hurdles in hydrogen storage and dispensing keep popping up like unwanted guests at a party, and the distribution network is about as widespread as palm trees in Alaska.

How many hydrogen stations are there in America in 2024?

Despite decades of hype around hydrogen vehicles, America's fueling network remains sparse, with just 74 stations nationwide in 2024. And if you're thinking of taking a cross-country road trip in your hydrogen car, good luck with that - a whopping 54 retail stations are crammed into California alone. The rest of America?

Number of hydrogen fueling stations for road vehicles worldwide as of 2025, by country [Graph], Hydrogen Tools, & US Department of Energy, August 12, 2025. [Online].

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Electric Vehicle Charging Infrastructure Trends The U.S. Department of Energy's Alternative Fueling Station Locator contains information on public and private non-residential ...

In Europe, Germany has the most hydrogen stations, but during 2021, France deployed the highest number of these stations. There have been a limited number of hydrogen ...

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 ...

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