

The latest ranking of hydrogen energy base stations across the country





Overview

Which country has the most hydrogen refuelling stations in the world?

Source: IEA (2025), Global Electric Vehicle Outlook 2025. China leads the global roll-out of hydrogen refuelling stations, whereas station availability has declined in the United States, due to reliability and hydrogen supply issues.

Which countries have the most hydrogen stations?

(Image: H2stations.org) Asia leads by a wide margin, boasting 748 active stations. China accounts for the largest share at 384, followed by South Korea with 198 and Japan at 161. Notably, South Korea added 25 stations – its third consecutive year at that pace – reinforcing its position as a major hydrogen hub.

How many hydrogen refuelling stations are there in South Korea?

In South Korea, 198 refuelling stations were in operation and in Japan it is possible to refuel vehicles at 161 locations. 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.

How many hydrogen refuelling stations are there in 2024?

It might feel like the hydrogen conversation has been building for ages, but 2024 was a real turning point. 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.



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Number of hydrogen fuel stations by country 2025, Statista

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