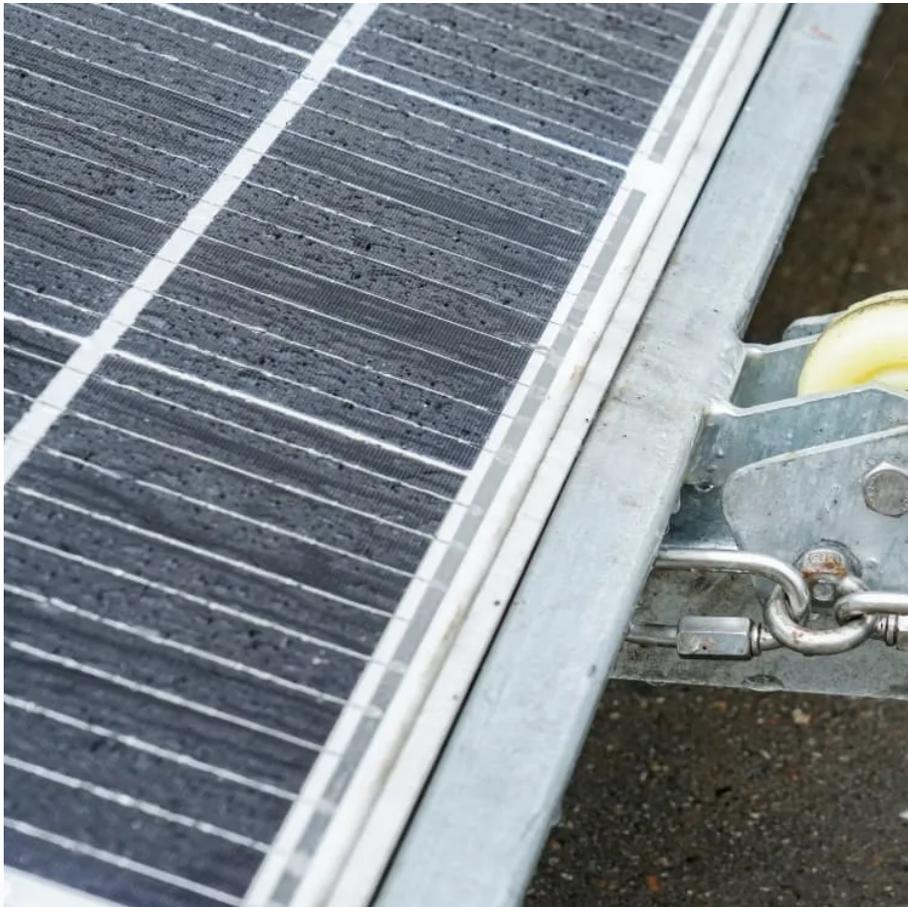


# **Current status of hydrogen energy base stations**





## Overview

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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.



## Current status of hydrogen energy base stations

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Global Hydrogen Station Database 1Q 2025: ...

Jan 27, 2025 · DUBLIN-- (BUSINESS WIRE)--The "Global Hydrogen Station Database, 1Q 2025" has been added to ResearchAndMarkets 's ...

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DOE Hydrogen and Fuel Cells Program Record 18003: ...

3 days ago · Background This record estimates the levelized cost of hydrogen delivery from centralized production to fueling stations, and dispensing into fuel cell electric vehicle (FCEVs) ...

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Hydrogen Production from Renewable Energy: Current ...

Feb 7, 2024 · a hydrogen energy supply system mainly based on industrial by-product hydrogen and hydrogen from renewable energy will be initially built. The number of fuel cell vehicles will ...

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Global Hydrogen Station Database 1Q 2025: Over 800 H2 Stations ...

Jan 27, 2025 · DUBLIN-- (BUSINESS WIRE)--The "Global Hydrogen Station Database, 1Q 2025" has been added to ResearchAndMarkets 's offering. This Excel-based database contains ...

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New report: There are now 1,000+ hydrogen refuelling stations ...

Feb 17, 2025 · Global hydrogen refuelling stations surpassed 1,000 in 2024, with 1,160 now in operation across 45 countries.

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The current status of hydrogen energy: an overview

Thus, in this report, we present a current status of achievable hydrogen fuel based on various scopes, including production methods, storage and transportation techniques, the global ...

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The current status of hydrogen energy: an overview.,RSC

Sep 25, 2023 · Hydrogen is expected to solve the problem of energy shortages in the near future, especially in complex geographical areas (hills, arid plateaus, etc.) and harsh climates (desert, ...

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Milestone reached: over 1,000 hydrogen refuelling stations ...

Feb 11, 2025 · 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 ...

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Over 1,000 Hydrogen Refuelling Stations ...

Feb 12, 2025 · Milestone reached: Around 1,160 hydrogen refuelling stations in operation worldwide at the end of 2024, with new stations opened in ...

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Milestone reached: over 1,000 hydrogen ...

Feb 11, 2025 · 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 ...

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New report: There are now 1,000+ hydrogen ...

Feb 17, 2025 · Global hydrogen refuelling stations surpassed 1,000 in 2024, with 1,160 now in operation across 45 countries.

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Current status and prospects of hydrogen energy utilization

Jun 13, 2025 · This paper thoroughly expounds the current status of hydrogen energy application in China's various key fields such as industry,electricity,transportation,and construction,and ...

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Review of hydrogen infrastructure: The current status and ...

Jan 15, 2023 · 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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Hydrogen Fueling Infrastructure Analysis , Hydrogen and ...

5 days ago · Hydrogen Fueling Infrastructure Analysis NLR's technology validation team is analyzing the availability and performance of existing hydrogen fueling stations, benchmarking ...

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Global Hydrogen Review 2024 - Analysis

Oct 2, 2024 · The Global Hydrogen Review is an annual publication by the International Energy Agency that tracks hydrogen production and demand worldwide, as well as progress in critical ...

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Hydrogen: China's Progress and ...

Sep 21, 2020 · Yet, to reach that goal, huge research and development gaps need to be filled. This article provides an overview of China's industry ...

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A literature review on hydrogen refuelling stations and infrastructure

Oct 1, 2019 · This study aims to analyse the current status and future prospects of hydrogen refuelling stations (HRSs) through a literature review in order to provide the necessary ...

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The current status of hydrogen energy: an overview

Jan 20, 2025 · Thus, in this report, we present a current status of achievable hydrogen fuel based on various scopes, including production methods, storage and transportation techniques, the ...

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Global Hydrogen Review 2024 - Analysis

Oct 2, 2024 · The Global Hydrogen Review is an annual publication by the International Energy Agency that tracks hydrogen production and demand ...

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1000 hydrogen refueling stations in operation globally, ...

May 24, 2024 · 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 ...

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Hydrogen , Transportation , 2024 , ATB , NLR

Hydrogen Pathway Emissions: Emissions for all hydrogen pathways are from the Research & Development Greenhouse gases, Regulated Emissions, and Energy use in Technologies ...

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Over 1,000 Hydrogen Refuelling Stations Worldwide in 2024

Feb 12, 2025 · 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.

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The current status of hydrogen energy: an ...

Jul 30, 2023 · Abstract Hydrogen is the most environmentally friendly and cleanest fuel that has the potential to supply most of the world's energy in ...

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