

Major hydrogen energy base stations in China





Overview

How many hydrogen refueling stations are planned in China?

By then a network of at least 1000 is planned service stations During the "14th Five-Year Plan" period, 1,000 hydrogen refueling stations will be planned. Sinopec, the national service station operator, aims to build 1,000 hydrogen refueling stations to become the first hydrogen supplier for the Chinese auto industry.

What is China's new guideline for hydrogen energy?

The new guideline for hydrogen energy will add fuel to China's new-energy and green development sectors, supplementing the plan on the development of hydrogen energy for the 2021-2035 period, released in March.

Can hydrogen energy be developed in China's transportation sector?

Meng et al. (2021) and Huang et al. (2024b) reviewed the hydrogen energy development strategy in China's transportation sector and put forward suggestions for the development of hydrogen energy in the transportation sector. Hydrogen safety is one of the hot topic in the development process of the hydrogen energy industry.

What is China's hydrogen energy industry?

In recent years, China's hydrogen energy industry is developing rapidly, and has formed a complete industrial chain of production, storage, transportation, application. China has now become the world's largest hydrogen producing country, and has commercialized high pressure gaseous hydrogen storage technology.



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China Has 40% of World's Hydrogen Refueling Stations

Jul 4, 2024 · For example, Guangdong is carrying out a hydrogen energy supply demonstration project along the Guangzhou-Zhanjiang Expressway that requires the construction of ...

China HYDROGEN ECONOMY REPORT

Jul 22, 2024 · Source: China Hydrogen Energy and Fuel Cell Industry Data Handbook 2022
Hydrogen demonstration city clusters have set targets for establishing hydrogen refueling ...

'Chinese wisdom' underpins nation's hydrogen efforts

Dec 5, 2025 · The energy giant has been actively advancing its hydrogen energy infrastructure, having built 11 hydrogen fuel cell supply centers nationwide in addition to 142 hydrogen ...

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China tops world in hydrogen stations, fueling a clean energy ...

Jan 1, 2024 · 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 ...

China Launches Major Nationwide Hydrogen Pilot Initiative

Jun 12, 2025 · China's National Energy Administration (NEA) has unveiled an extensive pilot initiative aimed at scaling up hydrogen technology, infrastructure, and applications across the ...

Hydrogen Station Database 1Q 2025: China Leads with the

Jan 21, 2025 · According to the database, the highest number of hydrogen stations have been built in China, followed by Japan. In the Asia-Pacific region, the deployments in China grew ...

China added 33 hydrogen refueling stations ...

Oct 7, 2024 · China has added 33 hydrogen refueling stations by August this year, raising the total number to 466, according to latest industry survey ...

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Hydrogen energy industry in China: The current status, ...

Jun 1, 2025 · Third, the current status and problems of China's hydrogen energy industry



safety support system are discussed systematically. Finally, based on research findings and the ...

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Hydrogen Stations in China. Map and List

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