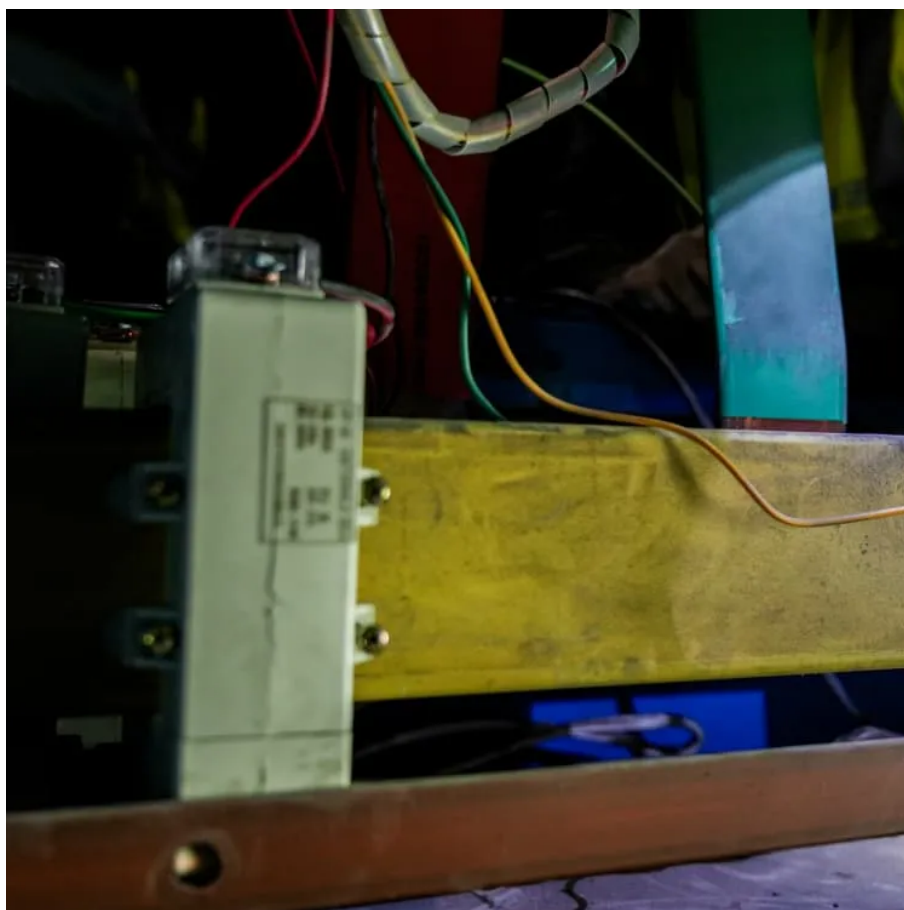




# How many hydrogen energy stations are there in Brazil





## Overview

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According to the consulting firm CELA, there are 111 ongoing green hydrogen and its derivative projects across 15 states in Brazil, totaling investments of approximately US\$82 billion.

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The current situation in much of the world is the lack of specific hydrogen service stations. There are signs that this may change in the coming years, but it is currently an unquestionable problem for drivers. Edson Orikassa, manager of Toyota Brazil and president of the Brazilian Automotive.

Brazil's green hydrogen ambitions are picking up steam like never before—over 100 projects and a whopping US\$80 billion in pledges are now on the table. The federal Ministry of Mines and Energy (MME) just narrowed its inaugural hydrogen hub auction to 12 powerhouse consortia, including CSN Group.

In recent years, Brazil has gained a prominent position in the global clean energy landscape. Based on recent data, the consultancy Clean Energy Latin America (CELA) revealed that there is more than 100 green hydrogen projects under development in the country. Furthermore, these ventures are.

According to the consulting firm CELA, there are 111 ongoing green hydrogen and its derivative projects across 15 states in Brazil, totaling investments of approximately US\$82 billion. These projects, which include green hydrogen, ammonia, e-methanol, and green steel, will require around 90 GW of.

In 2023, Brazil had an estimated USD 30 billion project pipeline for the production of low-carbon hydrogen. Many of these projects are planned to develop as hydrogen hubs: clusters located in export processing zones and integrated with existing port infrastructure. The Northeast region of Brazil.

The Brazil Hydrogen Fueling Station Market is projected to grow from USD 1.74 billion in 2025 to USD 6.12 billion by 2031, registering a CAGR of 23.1% during the forecast period. Market growth is primarily driven by increasing deployment of fuel



cell vehicles, supportive government incentives, and. How many hydroelectric power stations are there in Brazil?

According to the Associação Brasileira de Distribuidores de Energia Elétrica (ABRADEE) there are 201 hydroelectric power stations in Brazil with a nameplate capacity of more than 30 MW; the total capacity of these power stations in 2015 was 84,703 MW.

How much green hydrogen will Brazil export by 2040?

By 2040, exports could reach USD 4-6 billion, or 2-4 million tonnes of green hydrogen (3) . The domestic market is the largest opportunity for Brazil, and by 2040 can reach USD 10-12 billion, driven mostly by trucking, green steel, and other industrial energy uses.

How can Brazil become a major hydrogen producer & exporter?

Taking advantage of the great variety of sources for hydrogen production, Brazil's abundant natural energy resources beyond renewable energy, such as ethanol, natural gas, biogas, biomass and even natural hydrogen reservoirs also contribute greatly for the country's potential to become a major hydrogen producer and exporter.

Does Portugal have a hydrogen fuel station?

Portugal has seen remarkable progress in its fuel station infrastructure, especially when it comes to the implementation of clean technologies such as hydrogen. Since the opening of the first hydrogen station in 2019, the country has seen steady growth in the adoption of this technology, with a clear vision towards a more sustainable future.



## How many hydrogen energy stations are there in Brazil



### Green Hydrogen Development in Brazil: Major Projects Advance ...

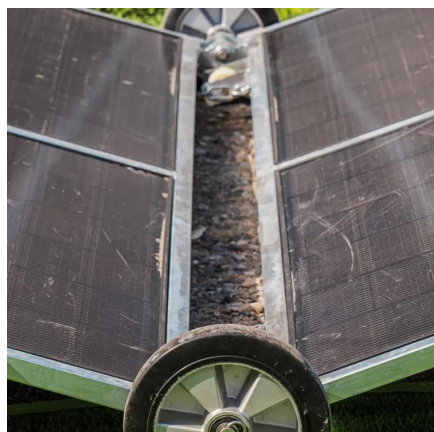
More than 100 green hydrogen projects need roughly 90 GW of new renewable capacity. MME's 2025 hydrogen hub call includes big names like CSN Group, Petrobras and Eletrobras. State ...

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### [Brazil has more than 100 green hydrogen projects under ...](#)

In recent years, Brazil has gained a prominent position in the global clean energy landscape. Based on recent data, the consultancy Clean Energy Latin America (CELA) ...

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Edson Orikassa, manager of Toyota Brazil and president of the Brazilian Automotive Energy Association, has set a goal of 800,000 vehicles and 900 hydrogen stations by 2030.

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The Northeast region of Brazil, comprised of nine states, is home to over 58% of the current estimated potential of low-carbon ...

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### [H2-View News: Brazil shortlists 12 hydrogen hubs for \\$1bn](#)

The Ministry of Mines and Energy (MME) on December 20 said the 12 projects plan to produce hydrogen from grid-connected electricity, wind, solar, ethanol, biomass and more, with outputs ...

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### **Brazil Hydrogen Fueling Station Market Size and Forecasts 2031**

In Brazil, hydrogen fueling stations are emerging as a critical component of the clean energy transition, particularly in transportation decarbonization. They support passenger ...

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### **111 green hydrogen projects underway in Brazil with US\$82 ...**

According to the consulting firm CELA, there are 111 ongoing green hydrogen and its derivative projects across 15 states in Brazil, totaling investments of approximately US\$82 ...

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## [Hydrogen Policy ...](#)

January 2024: In 2023, Brazil released the three-year action plan (2023-2025) establishing the National Hydrogen Program. This plan outlines key milestones, investments, and regulatory ...

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By December, the government had received 70 proposals for low-carbon hydrogen hub projects. This year, the government looks set to continue its decarbonisation push.

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## **Green Hydrogen Innovation Centre , International Solar Alliance**

New applications in industry and transport expand significantly to meet more ambitious energy and climate targets, while hydrogen demand for oil refining grows less than in the Baseline ...

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