

# How many hydrogen energy stations are there in Indonesia

How many green hydrogen plants are there in Indonesia?

Muara Karang Steam Gas Power Plant. PLN Doc ASIATODAY.ID, JAKARTA - The Green Initiative initiated by the Indonesian State Electricity Company (PLN) continues to develop. Today, 21 Green Hydrogen Plants were officially launched.

How much does hydrogen cost in Indonesia?

Hydrogen energy, despite its potential as a clean fuel, remains economically uncompetitive in Indonesia compared to other energy options. The production cost of low-carbon hydrogen ranges between USD 5-10 per kg, while green hydrogen, produced from renewable sources, is even more expensive at USD 6-12 per kg.

Are there hydrogen fueling stations in Indonesia?

There are currently no hydrogen fueling stations in Indonesia. March 30, 2021. Pertamina has already announced plans to invest in the hydrogen space.

Can Indonesia produce hydrogen?

The document also cited Indonesia's strong potential for abundant renewable energy resources to produce hydrogen, with a total potential for new and renewable energy (NRE) at around 3,689 GW, out of which only 0.3% has been utilized so far.

Is hydrogen a potential energy carrier in Indonesia?

The government, particularly the Ministry of Energy and Mineral Resources (MEMR), has acknowledged hydrogen's potential as an energy carrier and has pledged to expedite Indonesia's energy transition.

Can hydrogen be used as an alternative energy source in Indonesia?

Three drivers for hydrogen implementation in Indonesia by 2031: minimizing production costs, implementing carbon taxes, and providing incentives for development. This research examines potential uses of hydrogen as an alternative energy source in Indonesia.

Nov 20, 2023 &#183; &#183; PLN Doc ASIATODAY.ID, JAKARTA - The Green Initiative initiated by the Indonesian State Electricity Company (PLN) continues to develop. Today, 21 Green Hydrogen ...

Apr 1, 2025 &#183; &#183; This research examines potential uses of hydrogen as an alternative energy source in Indonesia. Hydrogen presents a more environmentally friendly ener...

Nov 21, 2023 &#183; &#183; State-owned electricity company (PLN) inaugurated the first batch of 21 green hydrogen plants (GHP) across Sumatra, Java and Bali, earning Indonesia the reputation of the ...

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Mar 20, 2025&ensp;&#0183;&ensp;In the domestic context (Indonesia), there are priority industrial and economic areas with high energy consumption needs but ...

Aug 19, 2025&ensp;&#0183;&ensp;Number of hydrogen fueling stations for road vehicles worldwide as of 2025, by country [Graph], Hydrogen Tools, & US ...

Nov 14, 2025&ensp;&#0183;&ensp;As the world shifts towards sustainable energy solutions, hydrogen companies in Indonesia are emerging as key players in the global energy transition. With its abundant ...

Apr 15, 2025&ensp;&#0183;&ensp;JAKARTA, KOMPAS - The government intends to develop hydrogen as a clean energy source for the future. The government has ...

Feb 15, 2025&ensp;&#0183;&ensp;Therefore, if Indonesia enters the phase of hydrogen-powered vehicle development, it is expected that many automotive manufacturers ...

Jan 23, 2024&ensp;&#0183;&ensp;According to Indonesia's Net Zero Emission Roadmap 2060, hydrogen share is expected to be around 5-10% of total energy supply. In October 2023, the first green hydrogen ...

Feb 24, 2025&ensp;&#0183;&ensp;The new hydrogen refuelling station in Indonesia features two types of pressure systems. Toyota has installed a 350-bar pump for ...

Nov 20, 2023&ensp;&#0183;&ensp;Indonesia marked a historic moment as PT PLN (Persero) unveiled 21 state-of-the-art Green Hydrogen Plant (GHP) units ...

Jun 4, 2025&ensp;&#0183;&ensp;HDF Energy (Hydrog&#232;ne de France) has signed a tripartite agreement with Indonesia's PLN and PT SMI to fund EUR2.3 billion (\$2.6 ...

Feb 27, 2024&ensp;&#0183;&ensp;The Senayan HRS is equipped with hydrogen-based electric vehicle chargers with the same function as public electric vehicle charging stations. A Hydrogen Center and ...

Dec 23, 2023&ensp;&#0183;&ensp;Indonesia's low-carbon hydrogen strategy focuses on energy sovereignty, developing a domestic hydrogen market, and positioning the ...

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