

# **New Hydrogen solar Site in New Zealand**





## Overview

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What are New Zealand's green hydrogen ecosystem developments in 2024-2025?

New Zealand's Green Hydrogen Ecosystem developments during 2024-2025  
Source: New Zealand Hydrogen Council () 1. Renewable Energy Advantage: New Zealand's high renewable electricity generation provides a competitive advantage for green hydrogen production. 2.

What is New Zealand's first green hydrogen AI data centre?

New Zealand's North Rakaia has partnered with Mobii Green Energy Group from Taiwan to develop the first green hydrogen AI data centre. This \$2 billion venture includes solar and wind farms, green hydrogen production, and AI data centre campuses in Canterbury, all powered entirely by renewable energy sources.

Where is New Zealand's first green hydrogen refuelling station?

On Monday 22 April 2024, Halcyon, New Zealand's leading green hydrogen producer, opened the country's first green hydrogen fast refuelling station at Wiri, South Auckland. This is the second step in a growing nationwide network of supply locations being pioneered by Halcyon and other early adopters of hydrogen technology.

Why is New Zealand a good source of hydrogen?

Source: New Zealand Hydrogen Council () 1. Renewable Energy Advantage: New Zealand's high renewable electricity generation provides a competitive advantage for green hydrogen production. 2. Strategic Location: The country's position in the Pacific makes it well-placed for hydrogen exports to Asia-Pacific markets.



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### [Green Hydrogen Innovation Centre , International Solar ...](#)

4 days ago · Green Hydrogen Innovation Centre, an initiative from International Solar Alliance, the mission is to provide a one-stop platform that consolidates and disseminates the latest ...

### [From hydro nation to solar giant: New Zealand's renewable ...](#)

Dec 5, 2025 · Results show that New Zealand needs to increase its installed power generation capacity by up to 13 times by 2050, with solar photovoltaics providing over 65 % of electricity.

...



### [NZ Hydrogen Projects -- New Zealand Hydrogen Council](#)

Utilising its Allied Petroleum refuelling station network that operates throughout New Zealand, HWR will produce, distribute and utilise green hydrogen within its heavy vehicle fleet by adding

...

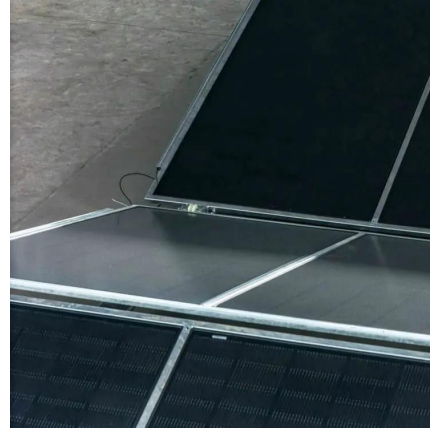


### [Scaling Hydrogen Production: MyFarm and Hiringa Energize ...](#)

In a big leap for New Zealand's hydrogen production roadmap, MyFarm Investments and Hiringa Energy are joining forces to build five 5 MW solar farms across Northland. Together,



these ...



### [New Zealand's Green Hydrogen Ecosystem Update 2025](#)

Hydrogen Truck Field Testing TR Group organised practical demonstrations of hydrogen trucks in Auckland, giving truck drivers and fleet operators their first hands-on experience with zero ...



### [Plans Underway for Green Hydrogen Data Centre in NZ](#)

Oct 7, 2024 · New Zealand's North Rakaia has partnered with Mobii Green Energy Group from Taiwan to develop the first green hydrogen AI data centre. This \$2 billion venture includes ...



### [Mobii Green Energy Leads New Zealand's Green Hydrogen](#)

Oct 11, 2024 · On September 27th, Mobii Green Energy Group and New Zealand energy company North Rakaia Ltd. officially signed the "Green Hi-City Cooperation Agreement" at ...





## [MyFarm and Hiringa to Build Solar-to-Hydrogen Farms in ...](#)

Sep 4, 2025 · Rural investor MyFarm Investments and green hydrogen producer Hiringa Energy will proceed with the construction of two additional 5 MW solar-to-hydrogen farms in ...



## [Green hydrogen production potential in New Zealand cities: ...](#)

Applied to Auckland and Christchurch, New Zealand, FlexiGIS-H2 reveals substantial technical potential for urban green hydrogen production. While local PV could support substantial ...

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