

Will nghe be a cornerstone of Saudi Arabia's green energy ambitions?

NGHC is set to be a cornerstone in Saudi Arabia's green energy ambitions, producing up to 600 tonnes of green hydrogen daily using renewable energy from the vast solar and wind farms situated in NEOM -- a futuristic city being built in northwest Saudi Arabia. Wesam Al-Ghamdi, CEO of NEOM Green Hydrogen Company. (Supplied)

Does Saudi Arabia have a green hydrogen plant?

The initiative will not only help Saudi Arabia reduce its domestic carbon footprint but also position the Kingdom as a major global supplier of green hydrogen, helping other countries reduce their emissions. To ensure that its green hydrogen plant is carbon-free, NGHC produces hydrogen only from solar and wind, said CEO Wesam Al-Ghamdi.

Is Saudi Arabia a world leader in green hydrogen production?

Hydrogen production from renewable energy sources. (Shutterstock) RIYADH: As global efforts to combat climate change intensify, Saudi Arabia is making bold strides in green hydrogen production, positioning itself as a world leader in the manufacture and export of sustainable energy.

The Saudi Green Initiative (SGI) emphasizes emissions reduction, afforestation, and land and sea protection, pledging that half of the country's energy will be from renewable sources by 2030, including investments in carbon capture, energy efficiency programs, and new energy sources.

The Red Sea hydrogen plant is a joint venture signed in 2020 between US-based Air Products, the Saudi ACWA Power and the Neom company. But the primary driver behind Saudi Arabia's green...

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A car-free, carbon-free city built in a straight line over 100 miles long in the desert. These are some of the plans for Neom - a futuristic eco-city that is part of Saudi Arabia's pivot to go...

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RIYADH: Saudi Arabia is accelerating its leadership in sustainability, committing over \$180 billion to a green economy while driving innovation in climate technologies, according to a new...

An international research team has investigated the economic and technical green energy potential of Saudi

Arabia and has found that the country should address a series of structural...

The Saudi Green Initiative (SGI) is an initiative whose details were announced by HRH Crown Prince Mohammed bin Salman in October 2021. SGI aims at promoting efforts to enhance quality of life and protect future generations in the Kingdom, through harmonizing all sustainability plans, maximizing renewable energy utilization, reducing emissions ...

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SGI supports Saudi Arabia's ambition to reach net zero emissions by 2060 through the Circular Carbon Economy approach and is also accelerating the country's transition to a green economy. Three overarching targets guide SGI's work - emissions reduction, afforestation, and ...

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