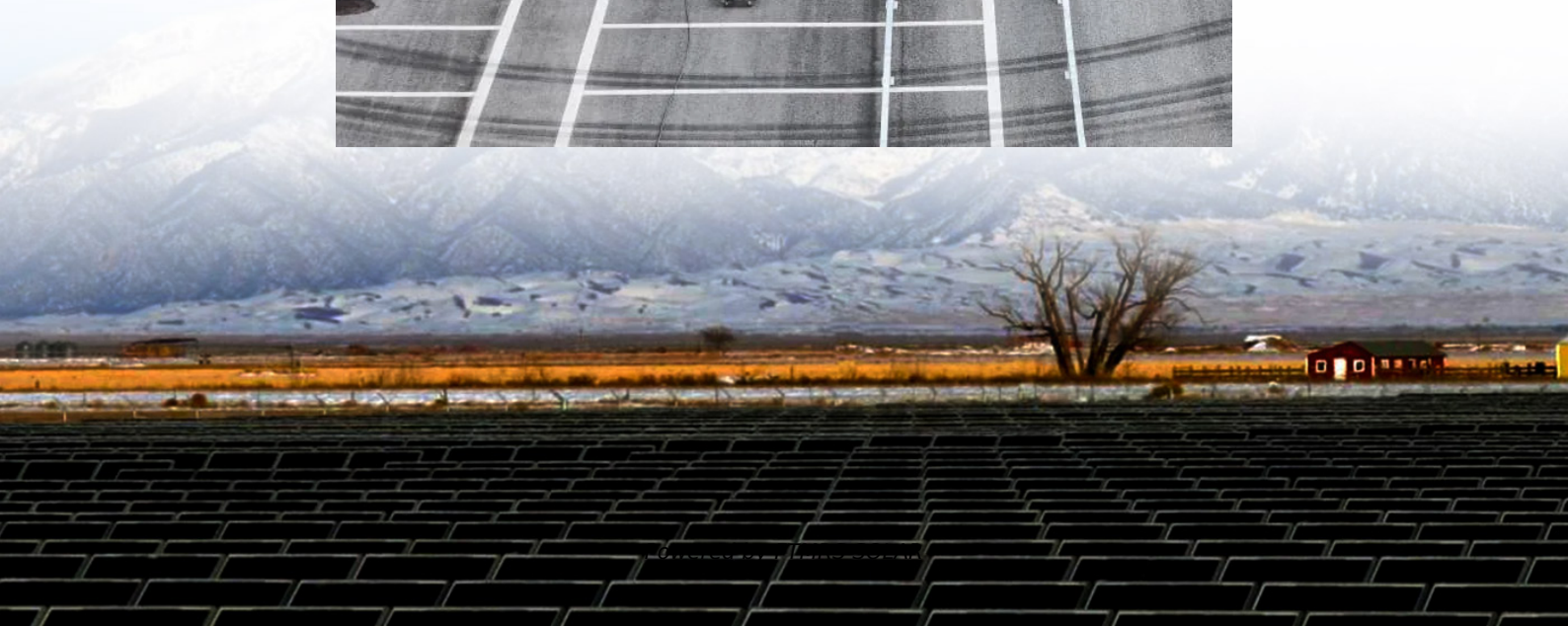
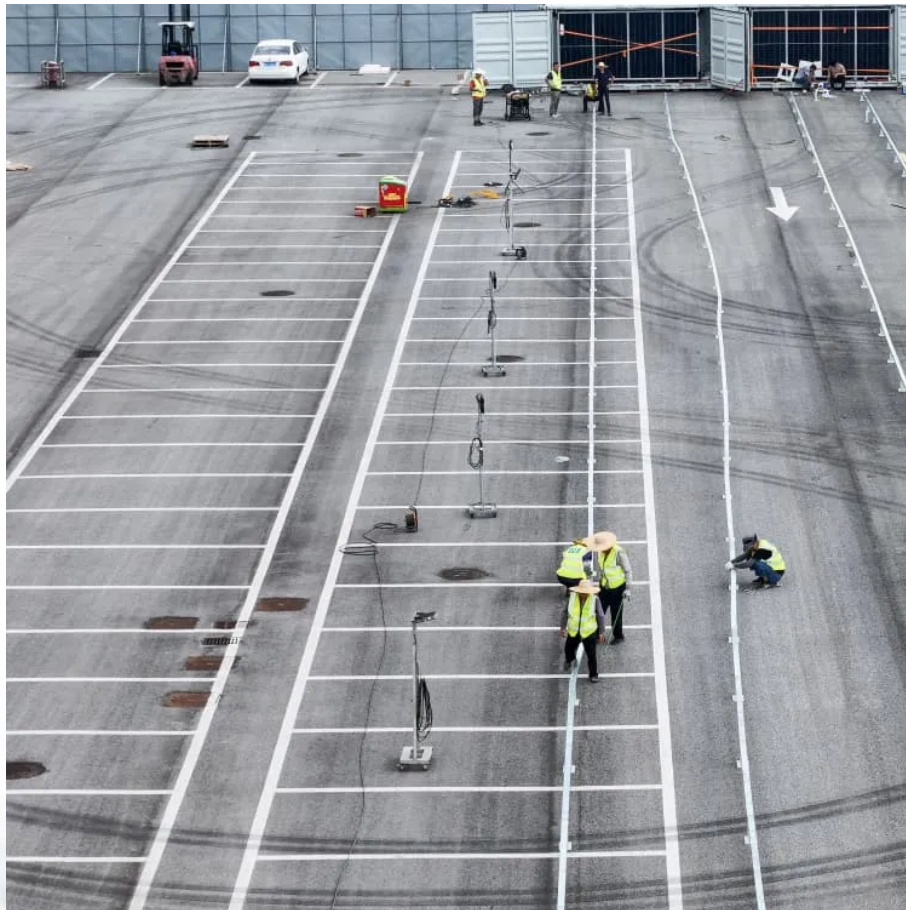


How much is the hybrid power supply for Namibia's green base station





Overview

Can Namibia produce green hydrogen?

According to cost-projections, Namibia can theoretically produce some of the most cost-competitive green hydrogen globally. While the country is endowed with significant solar and wind resources, it is today highly dependent on energy imports and drought-vulnerable hydropower.

What is Namibia's energy strategy?

Renewable energy expansion strategy
Transition Namibia's energy mix towards clean and sustainable sources.
70% of electricity generation from renewable energy: solar, wind, and hydro.
Green hydrogen strategy
Position Namibia as a leading producer of green hydrogen for local use and export.
10-12 million tons of green hydrogen annually.

Will hydrogen production affect Namibia's energy supply?

Significant energy demand from hydrogen production could strain Namibia's supply of renewable energy and compete with and delay its efforts to reduce dependence on fossil fuel-intensive imports and scale the renewable share in its energy mix.

What is Namibia's Hydrogen strategy?

Namibia's hydrogen strategy plans to export hydrogen to Europe, China, Japan, and South Korea in the form of ammonia, green hydrogen-based hot briquetted iron, methanol, and e-kerosene, but the country needs to develop more complex technical and industrial capacity to produce these derivatives.



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The landscape of green hydrogen in Namibia

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