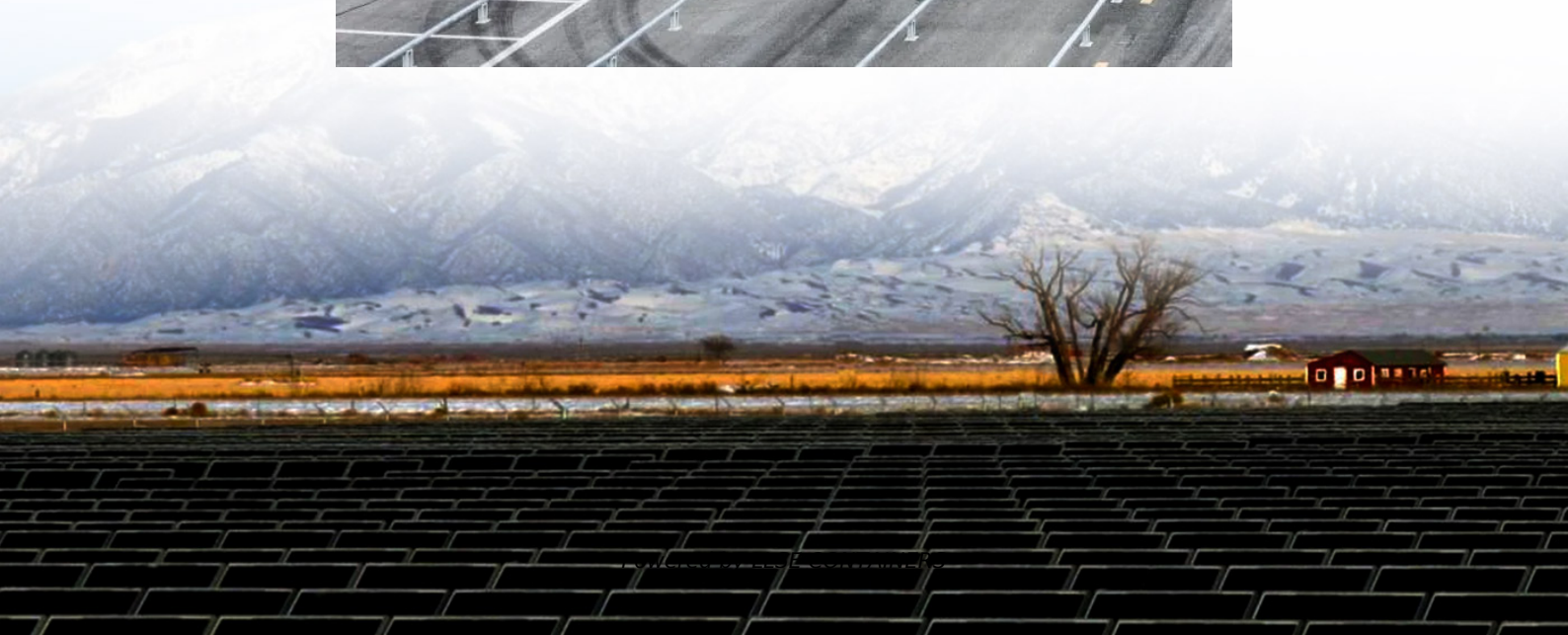


Gaborone Hydrogen Energy Base Station





Overview

What is the African Green Hydrogen strategy?

The African Union (AU) has adopted the African Green Hydrogen Strategy at the continental level, establishing a foundation for large-scale GH₂ production, investment, and trade. Regionally, organisations such as ECOWAS are developing policies to integrate GH₂ into their energy systems, ensuring alignment with national energy transition goals.

Where is Namibia's first GH₂ refuelling station?

The Cleanergy Solutions Namibia Hydrogen Refuelling Station (HRS) is in Walvis Bay. It represents Africa's first public GH₂ refuelling station with onsite production. It is a joint venture between the Ohlthaver & List Group and CMB.TECH and features a 10-hectare solar park, feeding a 5 MW PEM electrolyser, and a 5 MWh battery storage system.

Will gh₂/ptx regulations affect hydrogen production in Africa?

These regulations, as briefly mentioned in Section 2.2.1., could significantly impact hydrogen production in Africa. The following section summarizes the current sustainability requirements for exporting GH₂/PtX to the EU, Japan, and South Korea, which may shape production practices in Africa.

How many GH₂ projects are there in Namibia?

Namibia has seven GH₂ projects undergoing feasibility assessment, ranking second in Africa. These include the Daures Green Hydrogen Development with 2.5 GW electrolyser capacity and the Cleanergy-CMB study for hydrogen infrastructure.



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