

A-Core Container

North Africa Lithium Power Energy Storage Project



Overview

The Red Sands project is located in the Northern Cape, about 100km southeast of Upington, and will be the largest standalone battery energy storage system in Africa to reach financial close and start construction, and Globeleq's first large-scale BESS project in South Africa. What is Africa's largest battery energy storage system?

Located in the Northern Cape, this groundbreaking project is set to become Africa's largest standalone battery energy storage system. With a capacity of 153 MW, it will play a vital role in stabilising the grid and supporting the integration of renewable energy sources.

Why are African countries exporting lithium ore?

As demand for lithium skyrockets due to its critical role in electric vehicle (EV) batteries and renewable energy storage, several African nations are ramping up production. The increasing demand has led to countries like Zimbabwe and Namibia beginning to export lithium ore, highlighting the region's importance in meeting global needs.

Why is Africa a key player in the global lithium supply chain?

Thanks to its vast lithium reserves and increasing investments in mining and processing facilities, Africa is emerging as a key player in the global lithium supply chain. As demand for lithium skyrockets due to its critical role in electric vehicle (EV) batteries and renewable energy storage, several African nations are ramping up production.

Why is Africa's lithium mining sector a hotspot for foreign investment?

As a result, Africa's lithium mining sector is poised for significant growth, making it a hotspot for foreign investment and technological advancement. The Arcadia Lithium Project in Zimbabwe stands out as one of the world's largest hard rock lithium resources, boasting measured reserves of 42.3 million tons.

Why is the lithium mining industry gaining global attention?

The continent's lithium mining industry is gaining global attention due to surging demand for lithium-ion batteries, which power electric vehicles and store renewable energy. With global markets turning to more sustainable energy sources, lithium has become an essential mineral for the green transition.

Where is lithium found in Africa?

Africa is home to several notable lithium mines and projects, with countries like Zimbabwe, Namibia, Ghana, the Democratic Republic of Congo, and Mali possessing commercial quantities of this critical resource.

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