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Title: North African Steel Company Energy Storage Project

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Can MENA become a global leader in steel decarbonisation?

Recent announcements on developing low-emissions iron and steel capacities highlight the Middle East and North Africa's (MENA) potential to become a global leader in steel decarbonisation. MENA steelmakers must rapidly incorporate renewables into their energy mix to substantially lower indirect (Scope 2) emissions.

Can MENA lead the Global Race to produce green iron & steel?

Please click [here](#) to read our full disclaimer. 19 September 2024 - (IEEFA Australia): Steelmakers in the Middle East and North Africa (MENA) can capitalise on advantages over competitors to take the lead in the global race to produce green iron and steel, according to the Institute of Energy Economic and Financial Analysis (IEEFA).

Is Mena ready for a green Iron & Steel transition?

Annual global DRI trade is projected to reach up to 85 million tonnes by 2050, with MENA tipped to contribute almost half of global exports. A flurry of announcements of low-emissions iron and steel projects across the MENA region show the green iron and steel transition is already gaining momentum (see map above).

Will Germany produce green steel in Morocco?

The German government has signed an agreement to produce 10,000 tonnes of green hydrogen in Morocco, to be sent to Germany to produce 50,000 tonnes of green steel. This green hydrogen will be distributed to offtakers through an international public tender, expected to commence in late 2024.

What is the Drakensberg pumped storage scheme?

Designed to generate electricity for 10 hours per day through its four 250 MW turbine generators, the Drakensberg Pumped Storage Scheme is an energy storage facility, situated in the northern parts of the Drakensberg Mountain range of South Africa, which provides up to 27.6 GWh of electricity storage.

Why do Mena steelmakers use DRI technology?

As global producers turn to DRI technology to slash their carbon footprints, MENA steelmakers have been producing DRI for decades, giving them a head start on the competition.

The Middle East and North Africa (MENA) region is potentially in a good position to begin producing carbon-neutral or green steel, as it has particular advantages over other ...

Not only in steel sector, but also in power generation, cement industry, fertilizer production, etc. Taking into account the enormous potential for RES development (the level of ...

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According to Expert Market Research, The leading companies in the Africa steel market are AIG, ESG, NSC, POSCO, Acerinox, Outokumpu, EMS, SSC, LISCO, among others.

The project will include the construction of 11.5 GW of wind and solar generation infrastructure, a 22.5GWh/5GW battery energy storage ...

Countries in North Africa - including Egypt, Algeria, Morocco and Tunisia - are advancing cooperation with global partners to advance the ...

Africa Steel Holdings (ASH) is 100% woman-owned, South African-based business that operates in the steel and metal industry. It was established by experienced industry professional ...

Namibia has broken ground on the Hylron Oshivela Project which puts it at the forefront of first-time industrial green steel production in Africa. ...

Experience the best of strong and reliable steel with our construction steel products. Designed with durability in mind, each product features high-quality ...

Welcome to North Africa, where the energy storage study isn't just academic--it's the missing puzzle piece for unlocking solar and wind potential. With countries like Morocco ...

[EMBARGOED TO 16 NOVEMBER 2023] (IEEFA Australia): If it plays its cards right, the Middle East and North Africa (MENA) region could become a world ...

The Middle East and North Africa (MENA) region has the opportunity to lead global industry's transition to green iron and steel. As the ...

Updated 1st July 2025 - The Red Sands Battery Energy Storage System (BESS), set to be Africa's largest of its kind, has officially reached commercial close. ...

This ambitious project is expected to harness renewable energy sources to produce 15,000 tonnes of iron annually while completely ...

Why North Africa's Energy Storage Market Is Hotter Than a Sahara Afternoon solar panels stretching across golden dunes while battery systems hum beneath the scorching sun. ...



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