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Several African countries have formally expressed interest to join the groundbreaking Battery Energy Storage Systems (BESS) Consortium, launched Saturday during COP28, which could revolutionise Africa's energy landscape by developing advanced energy storage solutions through collaboration and innovation.

Spearmint Energy, a renewable energy company that focuses on BESS, has announced that Elda River Capital Management will join its \$200m enhanced credit facility alongside Nuveen's Energy Infrastructure Credit team ...

The BESS Consortium is a multi-stakeholder partnership set up to ensure these BESS benefits transform energy systems across low- and middle-income countries (LMICs). The Consortium is on track to meet its target of ...

The solar plus BESS project, located in Queensland, Australia, once completed, will generate clean and sustainable energy in excess of 400 GWh annually, sufficient to power approximately 72,500 households. This will reduce CO2 emissions by approximately 260,000 metric tons per year, equivalent to permanently taking around 93,000 cars off the road.

While there is much more variety in the BESS supply landscape today, there are relatively few suppliers able to offer products for "grid-forming, enduring infrastructure assets", developer and operator Dais Energy's CEO said.

Gridstor, a developer of standalone battery energy storage system (BESS) assets, has acquired a 450MW/900MWh project in Texas, US, the company's first in the booming ERCOT market. Gridstor announced last week (6 March) that it has bought the large-scale Evelyn Battery Energy Storage project in Texas' Galveston County from Balanced Rock ...

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energy systems across low- and middle-income countries (LMICs). The Consortium is on track to meet its target of securing 5 GW of BESS commitments by the end of 2024 and deploying these by the end of 2027.

Optimizing BESS with AI: Integrating artificial intelligence (AI) in energy management optimizes BESS charge and discharge cycles, maximizing efficiency and extending battery life. Leveraging AI technology is essential for enhancing the performance and longevity of energy storage systems.

As a multi-stakeholder partnership, the BESS consortium can bring the benefits of energy storage to low and middle-income countries. The consortium also pledged to mobilise \$1bn in concessional finance, expedite project deployment, enhance the regulatory environment, build a market for BESS and open up commercial and public financing.

Spearmint Energy, a renewable energy company that focuses on BESS, has announced that Elda River Capital Management will join its \$200m enhanced credit facility alongside Nuveen's Energy Infrastructure Credit team and Aiga Capital Partners.

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The developer said last week (17 October) that construction is underway on the Hidden Lakes Reliability Project 220MW/440MWh standalone battery energy storage system (BESS) in Texas" Galveston County.

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