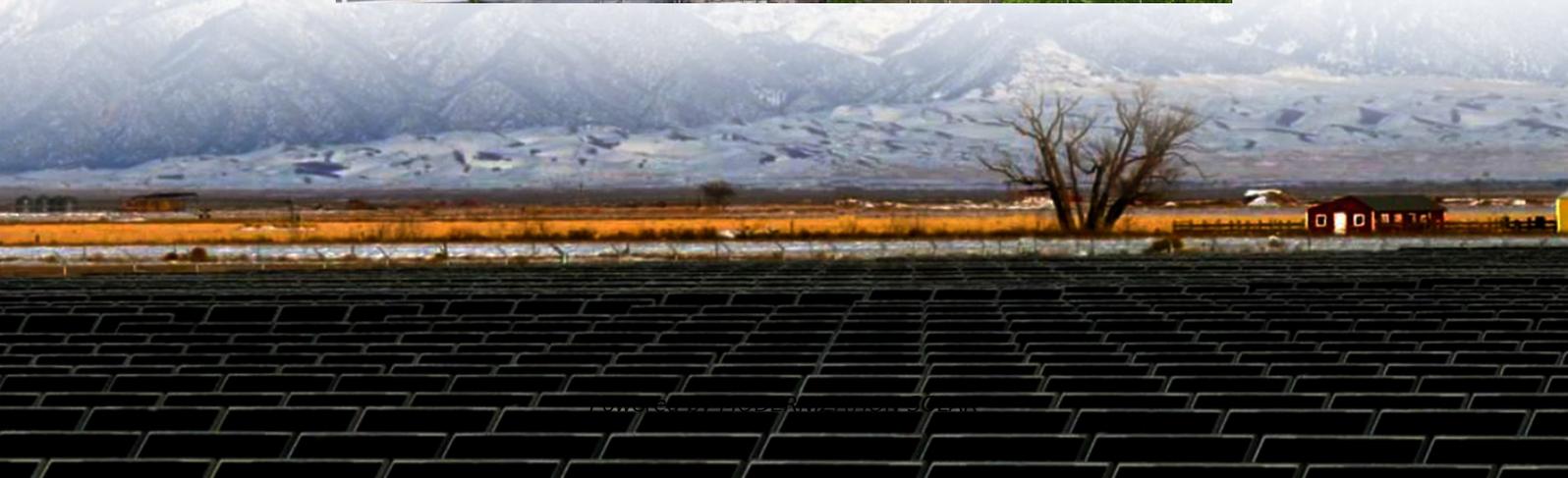
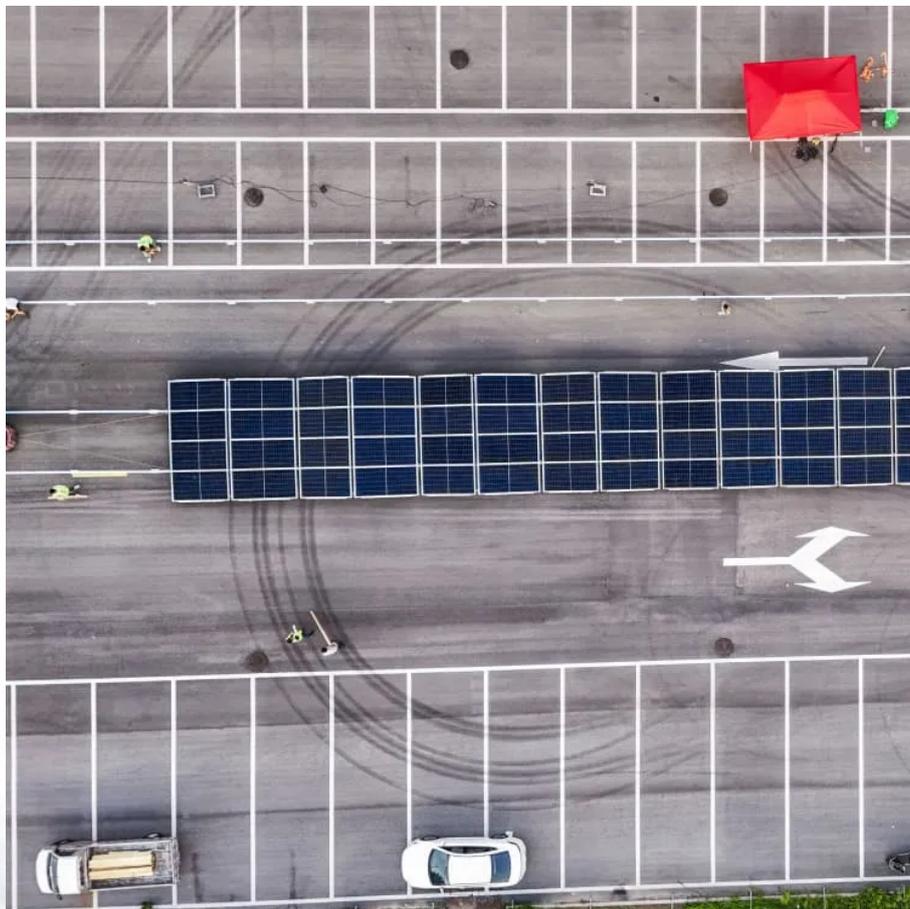


Central Africa BESS power supply outdoor communication power supply





Overview

What is Bess & how does it work?

It considers the potential contribution from BESS to the power system, as well as opportunities, barriers or challenges and recommendations to achieve an optimal contribution to the continental power system. BESS is another form of energy storage, similar to the more familiar pumped storage hydropower.

Does Bess work in Africa?

Experience in the African context is even more limited with very few grid-scale BESS projects that are operational. As an emerging technology it is expected that technical performance will continue to mature and improve. Already, rapid and significant improvements have been seen across most performances metrics.

Why is a Bess regulatory framework important?

The most important requirement to ensure BESS potential is exploited and optimally deployed is an energy storage or BESS-specific regulatory framework that recognises the unique features of this asset in the power system, provides stability over the life of the BESS investment and ensures the long-term sustainability of the BESS industry.

What is Bess energy storage?

BESS is another form of energy storage, similar to the more familiar pumped storage hydropower. Batteries do not generate electricity, rather their value lies in a range of ancillary services that can enhance system stability throughout the electricity supply chain.



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[The African Continental Power Systems Masterplan](#)

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