What is Energy Vault's strategic partnership with Helena?

While supporting Energy Vault's expansion through Helena's vast network,the strategic partnership will focus on accelerating adoption by global energy providers of the company's transformative technology,in particular its advanced material remediation innovations.

Why did Helena invest $20 million?

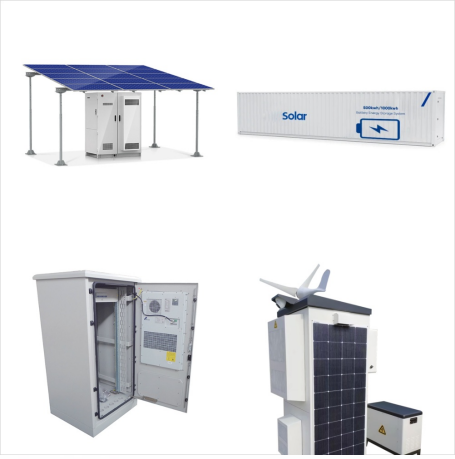
Helena Also Invests $20 Million to Further Expand the Circular Economic Value Propositionof the Company's Energy Storage Platform and its Breakthrough Remediation Technologies.

How big is energy storage?

Energy storage is a $59bn+a yearindustry with over 160 GWhs installed globally. This has increased massively -- by 117% from 2019 to 2020 alone -- and is projected to grow by 91% through 2035. Energy storage is not a new concept.

How can material science be used in energy storage?

The unique application of material science to the main energy storage medium - the composite blocks- enables the use of alternative materials to replace environmentally unfriendly substances like concrete,which accounts for 7-8% of greenhouse gas emissions.



This document sets out a plan for phased delivery of improvements in the energy sector on St Helena, particularly to support plans for energy transition on St Helena. The Energy Delivery Plan recognises that globally countries are making every effort to reduce

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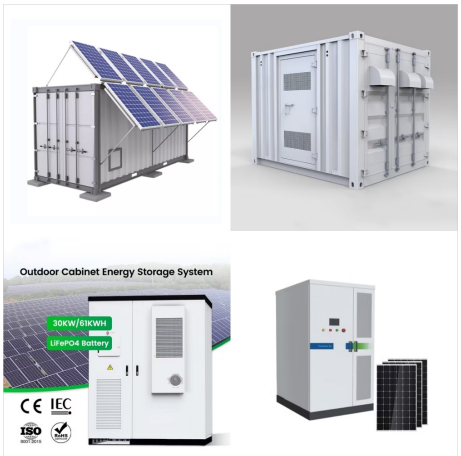
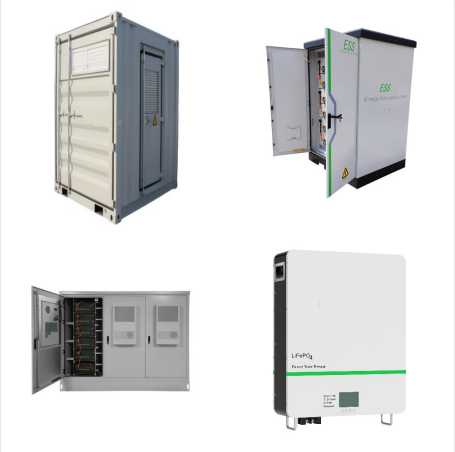
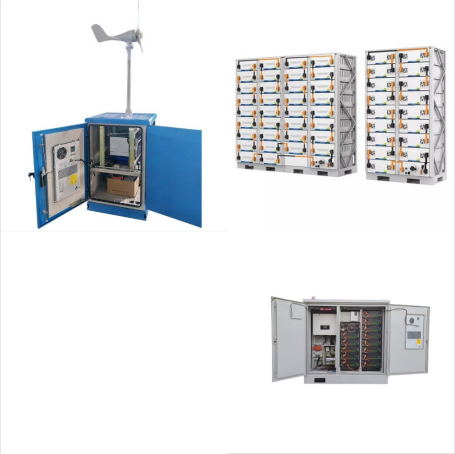


The Energy Delivery Plan provides a roadmap for phased delivery of improvements in the energy sector on St Helena, particularly to support plans for energy transition on St Helena. It supports the objective of reaching 80% electricity generation from renewable energy by 2027/28.



The long-term commitment is to enable Saint Helena Government (SHG) to actualize its vision of transitioning to 100% renewable energy sources by 2020. The project will be developed by PASH Consortium and some of the world's most reputable equipment manufacturers for renewable energy projects.



The agreement with Connect Saint Helena Ltd includes a microgrid for the South Atlantic island that combines a 568 kWp/500 kW solar farm; a three-turbine, 2.7 MW wind farm; and a 3.2 MWh/3.5 MW

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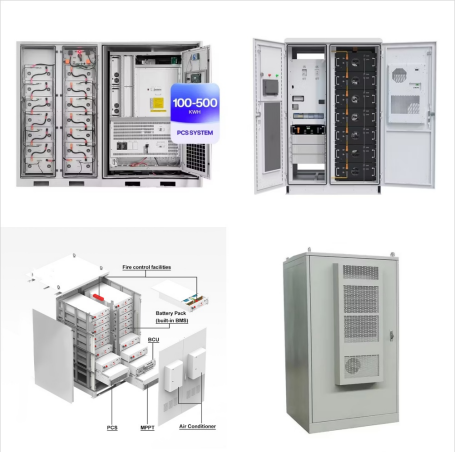
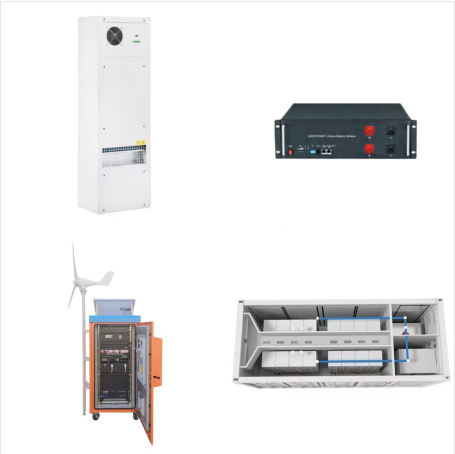
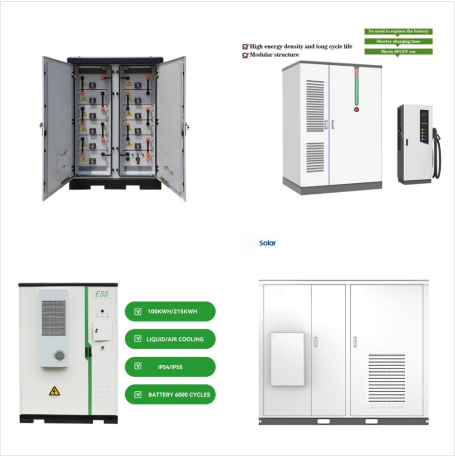


Energy Vault's energy storage systems lift heavy and highly dense objects to store energy and release those objects to release energy. For the purposes of this page, we are defining these objects as "weights", but they are also frequently referred to as "bricks" or "mobile masses."



The intention of the Energy Strategy is for St Helena to become 100% self-sufficient through renewable energy by 1 April 2022. This will be achieved through the following: A mixed model of energy production and storage; A targeted strategy to reduce demand through greener more efficient products and practices, which will include electric vehicles



LOS ANGELES and LUGANO, Switzerland, July 20, 2021 ??? Global problem-solving organization Helena and Energy Vault, the creator of renewable energy storage products that are transforming the world's approach to utility-scale energy storage for grid resiliency, today announced a strategic partnership to identify additional opportunities for

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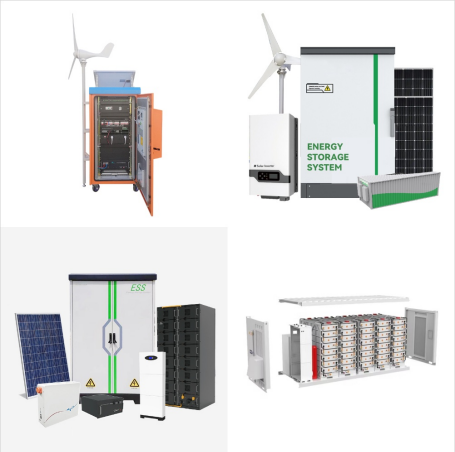
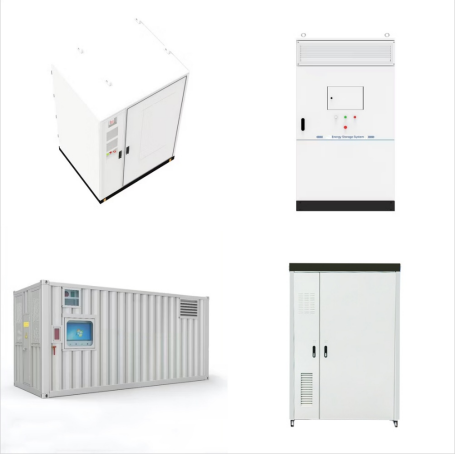


St Helena's energy strategy will aim to improve the social and economic well-being of its population, and minimize the impact on the environment. It will increase the production of energy through renewable sources, and reduce the island's reliance on imported fuels, increase fuel security and prize stabilization Deliverables of the strategy 12.



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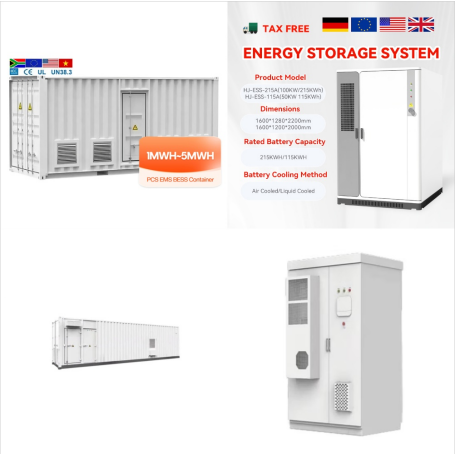

The renewables developer, which is majority-owned by Singapore-based commodities trader Trafigura Group Pte Ltd, has signed the contract with Connect Saint Helena Ltd, the sole utility on the island. The PPA will lead to the construction of a minigrid that comprises a 568-kWp/500-kW solar farm, a 2.7-MW wind farm and a 3.2-MWh/3.5-MW battery

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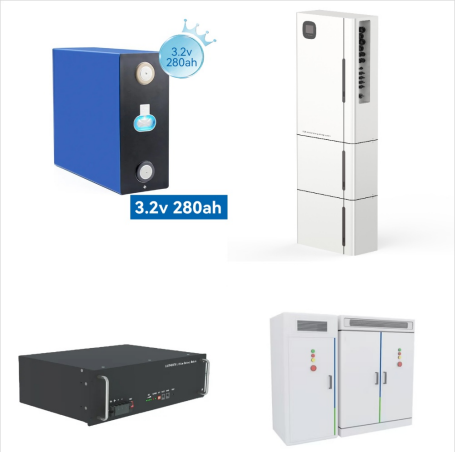

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