

Silbat is a deep tech startup founded in 2019 for the development, production, and marketing of a disruptive electricity storage solution based on the latent heat of metal-grade silicon and its back-conversion to electricity using thermophotovoltaics.

Silbat Energy Storage Solutions, SL specializes in innovative electricity storage technology designed to make renewable energy sources such as solar and wind fully dispatchable. The company's cutting-edge approach involves storing electricity as heat in molten silicon at 1410°C and later converting it back to electricity using ...

Demonstrated expertise in energy and infrastructure equity, debt origination, underwriting, deal structuring, and portfolio management. Proven management skills through experiences successfully leading various teams of managers and staff specialists.

Silbat has developed a silicon battery that is set to transform the landscape of long duration stationary storage. The solution is based on the latent heat of metal-grade silicon and its back-conversion to electricity using thermophotovoltaics.

Energy Storage in Molten Silicon - Silbat. Creating a disruptive energy storage technology that stores electricity in molten silicon and withdraws it using thermophotovoltaic cells. <https://silbat/>



**Cabo Verde silbat energy storage  
solutions**

