



# Heliostorage oy Central African Republic

What is heliostorage borehole thermal energy storage?

The Heliostorage borehole thermal energy storage solution provides large-scale underground energy storage that enables the long term, energy efficient and eco-friendly storage of heat. One of the biggest challenges with any sensible heat storage solution is overcoming losses.

Who is heliostorage?

Finnish Cleantech company Heliostorage is receiving financing from the Nordic Green Bank to scale up its emission-free seasonal thermal energy storage solution in Europe. Heliostorage is a Finnish cleantech company that has developed an energy-optimisation system that enables energy independence for heating that is free of emissions.

Why should you choose heliostorage?

Heliostorage provides innovative technology to optimise the efficient storage and delivery of thermal energy for low-cost heating and cooling. With a strong commitment to sustainability, Heliostorage is dedicated to helping customers navigate the challenges of rising energy costs and emissions reduction targets.

Can heliostorage be used as a heat battery?

One of the biggest challenges with any sensible heat storage solution is overcoming losses. Through multiple iterations and variations of drilling patterns over an 8 year period, the Heliostorage team have created an optimized borehole configuration that effectively charges and discharges the earth converting it into a heat battery.

Who financed heliostorage?

Nefco, the Nordic Green Bank has financed Heliostorage to support the scale-up its solution internationally.

About Heliostorage For real estate owners paying for expensive fossil based heating, our high temperature bedrock storage solution provides all year free solar heating. In summer we ...

By integrating solar thermal collectors and a seasonal thermal energy storage a heat pump, Heliostorage enables you to produce the required thermal energy while using approximately 25% of the electrical energy typically consumed by heat pumps alone.

Heliostorage General Information Description. Provider of emission-free and zero-cost heating alternatives intended to store waste heat and recover it for heating in winter. The company's solar collector roofing is used as a watertight roofing component that replaces the existing roofing, enabling the building owners to provide their own ...

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Heliostorage can help you to analyze your current usage and costs, proposing solutions that will reduce your energy bills and improve overall system efficiency, while also reducing your emissions! Get in touch today to find out more.

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Central to our system is our innovative borehole thermal energy storage (BTES), designed for the long term storage of heat. Additionally, we add heat pumps and short term storage tanks as ...

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The Heliostorage solution captures and stores energy from the summer sun to maximize heat pump efficiency regardless of time of year, producing the required volume of thermal energy using a fraction of the electricity. [View Top Employees from Heliostorage](#)

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Nefco finances Heliostorage to scale up its emission-free seasonal thermal energy storage solution in Europe and enable energy independence.

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About Heliostorage For real estate owners paying for expensive fossil based heating, our high temperature bedrock storage solution provides all year free solar heating. In summer we collect solar heat and store it 40 meters below ground level.



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