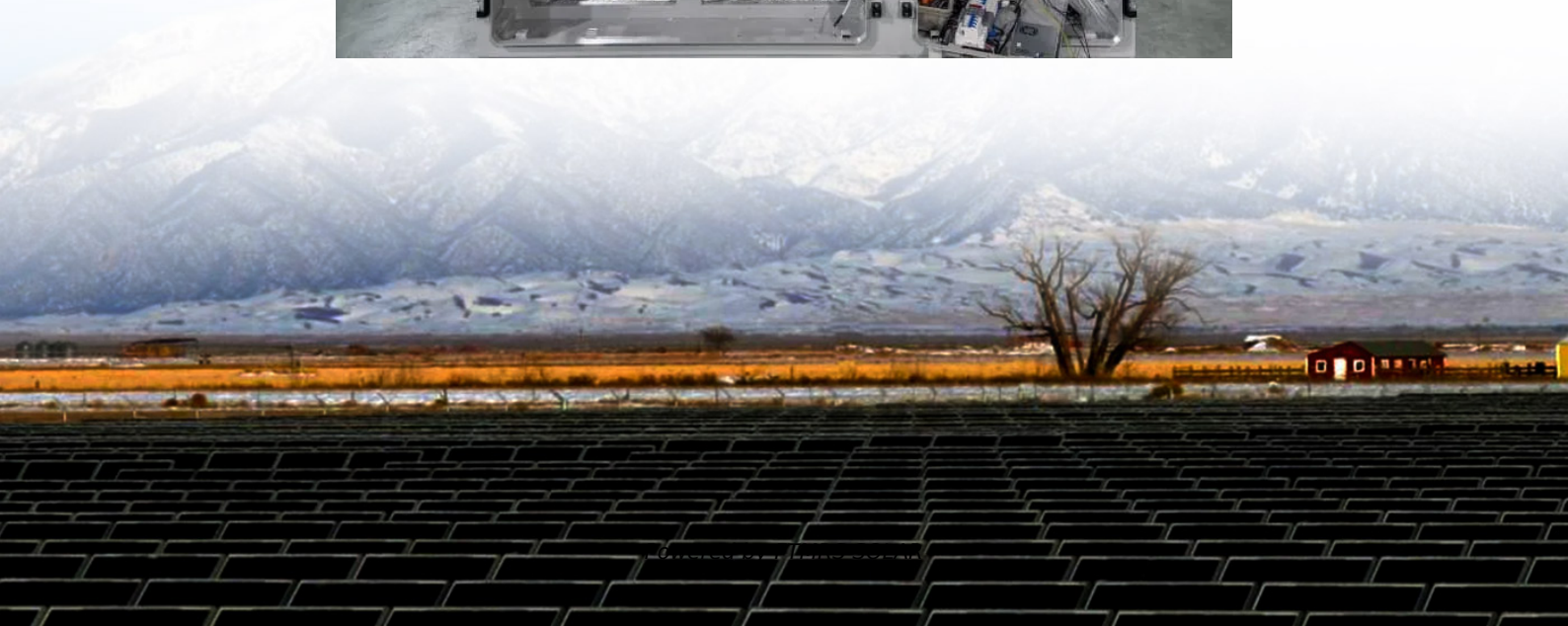


# **Sodium-ion battery energy storage in Tampere Finland**





## Overview

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What is the future of energy storage in Finland?

Reserve markets are currently driving the demand for energy storage systems. Legislative changes have improved prospects for some energy storages. Mainly battery storage and thermal energy storages have been deployed so far. The share of renewable energy sources is growing rapidly in Finland.

Which energy storage technologies are being commissioned in Finland?

Currently, utility-scale energy storage technologies that have been commissioned in Finland are limited to BESS (lithium-ion batteries) and TES, mainly TTES and Cavern Thermal Energy Storages (CTES) connected to DH systems.

How much funding does business Finland get for lithium ion batteries?

The research organizations have received a total funding of about 1.2 MEUR from Business Finland for three years (2021–2024). The project is a part of Business Finland's Smart Mobility and Batteries from Finland program. Our promising results can be found in this file [Testing Lithium ion batteries at Aalto University](#).

Is energy storage legal in Finland?

Like the energy storage market, legislation related to energy storage is still developing in Finland. The two are intertwined as who is allowed to own and operate energy storages will define the business models of the storages. A major barrier to the implementation of ESS was removed when the issue of double taxation was solved.



## Sodium-ion battery energy storage in Tampere Finland

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Tampere University is leading an EU consortium to enhance ...

Aug 2, 2024 · Photo: LFE group Tampere University, Finland, along with its partners from six European countries, is working to revolutionise the field of electrochemical energy storage. ...

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NextGenBat , Aalto University

Jun 4, 2021 · Aalto University, Tampere University and VTT Technical Research Centre of Finland Ltd will support the companies in the synthesis and characterization of battery materials and ...

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A review of the current status of energy storage in Finland ...

Jul 15, 2024 · This study reviews the status and prospects for energy storage activities in Finland. The adequacy of the reserve market products and balancing capacity in the Finnish energy ...

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Top 43 Sodium Ion Battery Companies in Finland (2025)

The Sodium Ion Battery industry in Finland presents several key considerations for researchers and investors. Finland's robust commitment to sustainability and clean energy offers a ...

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Finland sodium ion grid storage

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Market Forecast By Type (Sodium-Sulphur Battery, Sodium-Salt Battery, Sodium-Air Battery), By Application (Stationary Energy Storage, Transportation) And Competitive Landscape

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Battery Voltage Energy Storage in Tampere Powering

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