



# Latvian New Energy Storage Innovation Society





## Overview

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With EU directives pushing for 45% renewable integration by 2030, the Baltic state faces a make-or-break moment. Enter energy storage containers – the Swiss Army knife of modern power management. Local manufacturers aren't just copying Chinese designs – they're reinventing cold.

With EU directives pushing for 45% renewable integration by 2030, the Baltic state faces a make-or-break moment. Enter energy storage containers – the Swiss Army knife of modern power management. Local manufacturers aren't just copying Chinese designs – they're reinventing cold.

Energy company Latvenergo said February 18 it is investing heavily in battery systems with the stated intention of becoming the the Baltic market leader in battery energy storage systems (BESS). "A growing demand in the energy market for battery energy storage system (BESS) technologies is.

In Latvia, renewable energy sources account for a significant portion of the country's electricity generation, with a target of 57% by 2030 [1]. Hydroelectric power is the main source of renewable electricity in Latvia, followed by solar, wind and biomass cogeneration plants. In 2024, solar power.

Latvia state-owned utility and power generation firm Latvenergo intends to deploy 250MW/500MWh of BESS in the next five years. Latvenergo said it will build the battery energy storage system (BESS) projects in response to increasing demand for flexibility and to synergise with its hydropower.

A 84 MW of solar and 26 MW of energy storage portfolio will be installed in Latvia under the Niam-Evecon partnership. Discover the full project details here. The Collaboration of Niam, Evecon will also introduce 26 MW of energy storage linked to solar installations. (Photo Credit: Niam.

Therefore, in the generation portfolio of Latvenergo, alongside hydro power plants (installed capacity ~1550 MW), combined heat and power plants (~1050 MW) and solar and wind capacities under development, we planned to build a BESS which will ensure synergy with the generation and sales portfolio.

On November 1 Latvia's largest wind energy producer Utilitas Wind opened the



first utility-scale battery energy storage battery system in Latvia with a total power of 10 MW and capacity of 20 MWh in Targale, Ventspils region. This autumn, the Battery Energy Storage System (BESS) will be connected.



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### [Latvia's Smart Energy: Innovation & Sustainability](#)

Their goal is to contribute significantly to the Green Energy Revolution by providing these cutting-edge solutions to help mitigate the reliance on fossil fuels and promote sustainable energy ...

### [Latvia: Latvenergo to deploy 250MW/500MWh ...](#)

This event will bring together key stakeholders from across the region to explore the latest trends in energy storage, with a focus on ...



### [Latvenergo positive about Baltics' battery-powered future](#)

The plan is to invest in battery energy storage system technology by installing 250 MW of power with a capacity of 500 MWh by 2030.

### [Latvia: Latvenergo to deploy 250MW/500MWh BESS by 2030](#)

This event will bring together key stakeholders from across the region to explore the latest trends in energy storage, with a focus on the increasing



integration of energy storage ...



### [Niam, Evecon launch 110 MW Latvian solar storage initiative](#)

Sweden- based Niam Infrastructure and Evecon have joined forces to develop up to 110 MW of renewable energy projects in Latvia, including 84 MW of solar power and 26 MW ...

## Latvian Power Storage Solutions Innovations Driving Sustainable Energy

Latvian power storage manufacturers are reshaping Europe's renewable energy landscape with cutting-edge battery systems and grid stabilization technologies. Discover how these solutions ...



## Energy Storage Container Production in Latvia: Powering the ...

With EU directives pushing for 45% renewable integration by 2030, the Baltic state faces a make-or-break moment. Enter energy storage containers - the Swiss Army knife of modern power ...





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### [Latvia's path to energy transition: Expanding ...](#)

Energy storage systems are an essential element of Latvia's path towards a sustainable and energy-independent future. The ...

### [Latvia's largest battery energy storage system ...](#)

The largest energy storage battery system will provide energy storage to transfer the generated electricity to users when there is a ...



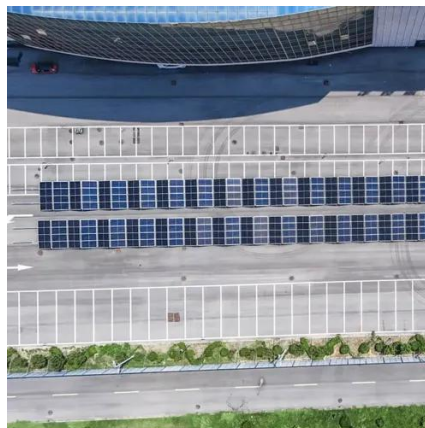
### **Experts: energy storage is critical**

The conference was organized by the Latvian Climate Neutrality Cluster and the Latvian Renewable Energy Federation. The conference was powered by Robert Bosch and ...



## Latvia's path to energy transition: Expanding renewable energy ...

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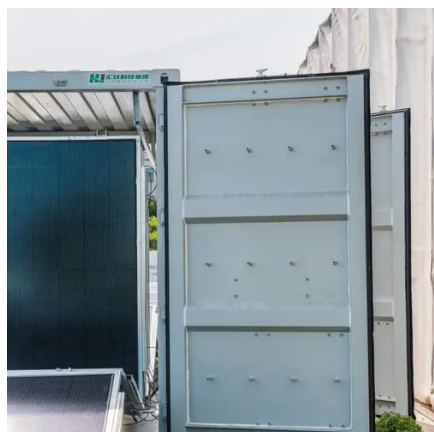
## Latvia's largest battery energy storage system unveiled

The largest energy storage battery system will provide energy storage to transfer the generated electricity to users when there is a shortage in the electricity system.



## Latvenergo invests heavily in battery systems, plans to become ...

The plans of the Group to invest in battery energy storage system technology by installing 250 MW of power with a capacity of 500 MWh by 2030 is an affirmation of the ...



## Latvia's Smart Energy: Innovation & Sustainability

Their goal is to contribute significantly to the Green Energy Revolution by providing these cutting-edge solutions to help mitigate the reliance on ...



## Contact Us

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