

## Kongres Container

# Romanian manufacturer of phase change energy storage systems



## Overview

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Simtel, an engineering and technology group and a national leader in renewable energy, together with PRIME Batteries Technology, one of the leading energy storage solutions manufacturers in the European Union and the only battery producer in Romania, announce the signing of a partnership for the.

Romania's battery storage market is gaining momentum, but it's not yet ready for takeoff. A recent Aurora Energy Research report reveals strong investor interest and promising early projects, but also highlights some regulatory gaps and unclear market access. Like many countries across Europe.

Developer Monsson Group and system integrator Prime Batteries Technology have inaugurated a 6MW/24MWh battery energy storage system (BESS) in Romania, the country's largest. Monsson inaugurated the 4-hour project in Constanta County this week and is co-located with 35MW of solar PV and a 50MW wind.

The company, Prime Batteries Technology, specializes in advanced energy storage solutions that contribute to a sustainable future. Their commitment to decarbonization and energy independence positions them as a key player in the development of profitable green energy storage options. Prime.

The Energy Regulatory Authority has issued the establishment authorization for a new battery storage facility, from 60 MW, of the group controlled by Romanian businessman Teofil Mureşan. "Establishment authorization requested by the company NOVA PS 110 SRL for the construction of the new

energy.

A subsidiary of Monsson Group submitted a battery storage project of just over 2 GWh in capacity for an environmental permit in Romania. The location is near Constanța. According to the latest data, there is only 158 MWh in operation in the entire country. Investors in battery energy storage. Is Romania's battery storage market ready for takeoff?

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Who owns a battery energy system in Romania?

Swiss firm AOT Energy has a 2 MW – 1 MWh system in Arad and Portuguese company EDPR Romania owns one of 1.2 MW and 1 MWh in Cobadin in Constanța county. Earlier this month, Electrica and Renovatio Trading received EUR 3.4 million and EUR 3 million, respectively, for battery energy storage projects in Romania.

Should you invest in battery energy storage systems in Romania?

Investors in battery energy storage systems or BESS in Romania are counting on hefty subsidies from the European Union's funds. Energy storage is among the main pillars of the country's energy transition, which has so far mostly leaned on solar power, particularly prosumers.

Where is a battery storage project located in Romania?

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Is Romania a promising battery market in southeastern Europe?

With roughly 100 MW of operational capacity — mostly pilot projects run by a few companies — the market is still nascent. Yet Romania now is one of the most promising battery capacity market in Southeastern Europe, said Filippos Falieros, Advisory Project Leader with Aurora Energy Research. What sets Romania apart is not infrastructure, but timing.

Is a re-industrialised and energy-secure Europe within reach?

A re-industrialised and energy-secure Europe is within reach!” Prime Batteries CEO Vicentiu Ciobanu said the project would be increased to 216MWh in 2025. Ciobanu and other attendees claimed the project is in the top five largest hybrid plants of its kind in Europe, and when increased to 216MWh of storage capacity would be the largest.

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