

What projects will be supported in the battery industry?

Initiatives aimed at improving the adaptability and flexibility of production processes in battery manufacturing will also be supported. In addition, projects demonstrating cost-effective, safe, and sustainable production of battery metals, precursors and active electrode materials will be eligible.

Why has Brussels stepped up its support for industrial battery production?

In a context of increasing global competition and urgent climate challenges, Brussels has stepped up its support for technological innovation and industrial battery production, aiming to reduce its reliance on third countries and to ensure the stability of the European energy system.

Why is the battery industry struggling in Europe?

Despite the momentum the battery sector is gaining in Europe, there remains a certain dependency on third countries for raw materials, as well as challenges such as regulatory fragmentation, high energy and labour costs, a shortage of skilled battery manufacturing workers, and considerable business uncertainty.

How does the critical raw materials act affect battery projects?

As such, battery projects granted strategic status benefit from fast-tracked procedures and administrative priority. Additionally, the Critical Raw Materials Act introduces measures to reinforce raw material supply chains within the EU, enhancing the competitiveness of the European battery sector.

Under the Batt4EU partnership, funding will be provided for projects addressing everything from the sustainable processing of raw materials to the design of long-life batteries ...

Battery containers are large-scale, flexible energy storage systems housed in shipping containers, crucial for grid stabilization, renewable energy integration, and providing reliable power solutions.

These developments are propelling the market for battery energy storage systems (BESS). Battery storage is an essential enabler of renewable-energy generation, helping alternatives make a steady contribution to the ...

The rapid evolution of the utility-scale battery energy storage systems (BESS) market in Australia, Europe and the US has seen the emergence of a wide range of offtake products. These arrangements offer opportunities for ...

The EnerC+ container is a battery energy storage system (BESS) that has four main components: batteries, battery management systems (BMS), fire suppression systems (FSS), and thermal management systems (TMS). These ...

Why securing project finance for energy storage projects is challenging It has traditionally been difficult to secure project finance for energy storage for two key reasons. Firstly, the nascent ...

Czechia has increased funding for its interest-free loan program for commercial and industrial (C& I) solar and storage projects to CZK 3 billion (\$132.2 million) after strong ...

European funding opportunities Horizon Europe is the EU's key funding programme for research and innovation with a budget of EUR95.5 billion. The calls in the link below come from different open Horizon Europe calls that are of direct ...

Executive Summary In this work we describe the development of cost and performance projections for utility-scale lithium-ion battery systems, with a focus on 4-hour duration ...

Additionally, the Battery Energy Storage System (BESS) portion of the project could have separate financing terms and investors, as it would likely qualify for a 2025 ...

The Polish branch of Statkraft, Europe's largest producer of renewable energy, has built a portfolio of 700 MW of battery energy storage projects. The Oslo-headquartered ...

As such, we're providing this "Cheat Sheet for Energy Storage Finance" based on our work as buy-side and sell-side investment bankers experienced in both energy storage venture capital and project finance. I'm also including some ...

A new production line for battery storage systems is being built in eastern Czechia. Several partners from Germany and the Czech Republic have joined forces for the project. According to their own statements, the driving ...

Renewable energy developer Elements Green has secured a £140 million debt facility from Goldman Sachs Alternatives to support the construction of one of the UK's largest ...

The Storage Futures Study report (Augustine and Blair, 2021) indicates NREL, BloombergNEF (BNEF), and others anticipate the growth of the overall battery industry--across the consumer ...

In an announcement released on March 7, 2025, the executive arm of the European Union said that the Czech scheme will support the installation of at least 1.5 GWh of new electricity battery energy storage system ...

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