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Title: Sodium-ion energy storage project in Eastern Europe

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Is sodium-ion storage coming to the European battery industry?

"So far, sodium-ion storage has not yet arrived in the European battery industry," says Maximilian Fichtner from the Institute of Nanotechnology (INT) of KIT and Director of the Helmholtz Institute Ulm, a research facility operated jointly by KIT, the University of Ulm and other partners, where research is also being carried out for ENTISE.

What is a sodium ion battery?

Sodium-ion offers a complementary solution to lithium-ion--cost-effective and based on abundant materials. Read about european sodium-ion battery cells here!

Are sodium-ion batteries a sustainable alternative to lithium-based storage?

Sodium-ion batteries are considered a more sustainable alternative to lithium-based storage. Sodium is not only inexpensive and abundant, but is also easy to recycle. The challenge, however, is to convert the new technology into industrially usable and scalable cells.

Are European sodium-ion cells scalable?

The cells have shown promising technical performance and represent a significant step forward in building a scalable European supply chain. " We've demonstrated that European sodium-ion cells are technically viable and can be produced with local materials," says Ronnie Mogensen, CSO at Altris.

The goal of the SPRINT project is to optimize and demonstrate two types of sustainable, techno-economically viable, and safe quasi-solid-state sodium-ion batteries that better align with the ...

Overview The SPRINT project will gather 8 industries, 2 SMEs and 8 academic partners (incl. one associated partner) for 46 months to optimise and demonstrate two sustainable, techno ...

Next-Gen Batteries for a Greener Europe SPRINT (Sustainable European sodium-ion batteries for stationary applications featuring improved PRocesses, Inherently safe and Non-Toxic materials) ...

Moonwatt launches Europe's first sodium-ion energy storage project in the Netherlands. The modular NFPP system marks a commercial milestone for alternative battery tech.

Sodium-ion energy storage project in Eastern Europe

Press release - Oct 9, 2025 Sodium-ion battery project releases explainer video ATENA+ is scaling up sodium-ion batteries to make energy storage safer, more affordable, and environmentally ...

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The EPISODE project has set itself the task of developing battery cells and battery storage systems based on sodium-ion technology.

-- KIT Karlsruhe (@KITKarlsruhe) October 23, 2024 This is where the "ENTISE" project (Development of Sodium-Ion Technology for Industrially Scalable Energy Storage) comes in, in ...

ATENA+'s main objective is to contribute to improve the competitiveness of the European Battery industry by demonstrating a new generation of safe, sustainable-by-design, high ...

The SPRINT project aims to revolutionize the stationary energy storage sector by advancing sodium-ion battery technology.

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