

Sodium-ion energy storage project in Eastern Europe





Overview

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.

Is sodium-ion battery technology suitable for the European energy and mobility transition?

The project “Sodium-Ion-Battery Deutschland-Forschung – SIB:DE FORSCHUNG”, aims to evaluate the suitability of sodium-ion battery technology (SIB) for the European energy and mobility transition to speed up industrial implementation.

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.



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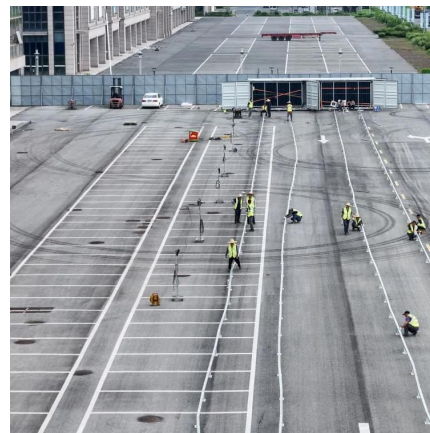


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