

# **Amsterdam Sodium-ion Battery Energy Storage Project**





## Overview

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Is the Netherlands launching a research project on sodium batteries?

The Netherlands is now starting a research project on sodium batteries. Nobian and Exergy Storage, University of Twente and innovation platform ISPT are launching a collaboration in the project STARBATCH - aimed at developing a new battery technology that uses sodium instead of lithium.

What is a new value chain for batteries in the Netherlands?

The raw materials needed, such as salt (sodium chloride, NaCl), are abundantly available, providing strategic energy storage independence for the Netherlands and Europe at lower cost. The project aims to create a new value chain for batteries in the Netherlands, from salt extraction to battery production.

Why is Atena+ scaling up sodium-ion batteries?

ATENA+ is scaling up sodium-ion batteries to make energy storage safer, more affordable, and environmentally sustainable, shaping Europe's green energy future. Views and opinions expressed are however those of the author (s) only and do not necessarily reflect those of the European Union or REA.

Can nobian create a new value chain for batteries in the Netherlands?

The project aims to create a new value chain for batteries in the Netherlands, from salt extraction to battery production. Coert van Lare, Director Innovation Program Renewable and Circular at Nobian said, "Nobian plays a crucial role in the battery value chain by providing essential chemicals for its production.



## Amsterdam Sodium-ion Battery Energy Storage Project

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Dutch Startup Develops Sodium-Ion Battery Tech for Solar ...

Mar 16, 2025 · Amsterdam-based Moonwatt is set on a mission to develop sodium-ion battery technology optimized for colocation with utility-scale solar power plants as it seeks to make ...

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Moonwatt raises EUR8 million to transform solar ...

Mar 4, 2025 · Amsterdam-based Moonwatt, an energy storage startup, has raised EUR8 million to innovate solar power with its sodium-ion battery ...

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Sodium-ion Batteries in Grid Storage: Current Projects and ...

Jun 20, 2025 · Analysts predict that sodium-ion batteries could capture a substantial share of the energy storage market within the next decade. Governments and private investors are ...

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Amsterdam's Moonwatt raises EUR8M to ...

Apr 1, 2025 · Amsterdam's Moonwatt has secured EUR8 million to scale its sodium-ion battery technology, designed to make solar energy more ...

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Sodium-Ion: A Serious Challenger to Lithium-Ion in Batteries?

Mar 18, 2025 · The growth of renewable energies over the last decade has created a surging demand for better energy storage solutions. While lithium-ion (Li-ion) technology remains the ...

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Home Sustainable sodium-ion battery ...

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

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Moonwatt raises EUR8 million to transform solar power with novel sodium

Mar 4, 2025 · Amsterdam-based Moonwatt, an energy storage startup, has raised EUR8 million to innovate solar power with its sodium-ion battery system. The funding round was co-led by ...

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Amsterdam-based Moonwatt secures EUR8M to advance Sodium-Ion batteries

Mar 5, 2025 · Amsterdam-based Moonwatt is developing sodium-ion battery technology to provide cost-effective, sustainable, and dispatchable energy storage solutions. The company has ...

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Amsterdam's Moonwatt secures EUR7.6M to scale solar-only storage ...

Mar 7, 2025 · Amsterdam-based Moonwatt, a company building solar-only energy storage systems using sodium-ion batteries, has secured \$8.3M (approximately EUR7.6M) in funding.

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Amsterdam's Moonwatt raises EUR8M to revolutionise solar energy storage

Apr 1, 2025 · Amsterdam's Moonwatt has secured EUR8 million to scale its sodium-ion battery technology, designed to make solar energy more reliable and cost-effective. The startup aims ...

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Amsterdam's Moonwatt secures EUR7.6M to ...

Mar 7, 2025 · Amsterdam-based Moonwatt, a company building solar-only energy storage systems using sodium-ion batteries, has secured \$8.3M ...

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Dutch start-up develops sodium-ion battery ...

Mar 12, 2025 · Founded by former Tesla leaders, Amsterdam-based Moonwatt is taking a novel approach to sodium-ion battery technology, ...

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Dutch start-up develops sodium-ion battery tech for solar ...

Mar 12, 2025 · Founded by former Tesla leaders, Amsterdam-based Moonwatt is taking a novel approach to sodium-ion battery technology, optimizing it for colocation with solar power plants. ...

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Netherlands wants sodium as sustainable alternative to lithium in batteries

Feb 20, 2025 · The raw materials needed, such as salt (sodium chloride, NaCl), are abundantly available, providing strategic energy storage independence for the Netherlands and Europe at ...

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