

Title: Lithium battery production in Finland

Generated on: 2026-08-13 04:59:34

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Summary: Its estimated annual production capacity is 15,000 tonnes of battery-grade lithium hydroxide monohydrate that can be used to supply the growing international lithium battery market with a life-of-mine that is expected to be at least 16 years.

Where is Finland's first lithium-ion battery cathode active material plant located?

The groundbreaking of Finland's first lithium-ion battery cathode active material (CAM) plant was celebrated today in Kotka. The event was addressed, among others, by the Finnish Minister of Economic Affairs, the Ambassador of China, and the Chairman of the City Board of Kotka.

What does Finland's new lithium-ion battery plant mean for the battery industry?

The announcement was made on Wednesday 20 March 2025, marking a major step in the development of Finland's battery value chain. The plant will produce CAM, a key component in lithium-ion batteries, with an initial capacity of 60,000 tonnes per year. Future expansion is also part of the long-term plan.

What is the EIB-led credit package for lithium production in Finland?

EIB-led credit package of EUR150 million development of lithium production in Finland for the EU. Lithium is critical raw material for the electrification of transport. Sibanye-Stillwater's Keliber lithium project aims to become EU's first integrated lithium hydroxide producer dedicated to supplying the European market directly.

How much lithium will Europe produce a year?

As the first lithium producer in Europe, the firm expects that it will produce 15,000 tonnes of battery-grade lithium hydroxide per year. Last year, Europe imported around 50,000 tonnes of lithium hydroxide, which is used in electric vehicle (EV) batteries.

What's happening in Finland's battery cluster?

Photo: Wegevision/ Sibanye-Stillwater's Keliber lithium project. Finland's battery cluster's current growth prospects remain very positive as the green transition and the electrification of the transport sector continue to increase the demand for raw materials and battery chemicals.

How much Cam can a lithium ion battery produce a year?

The plant will produce CAM, a key component in lithium-ion batteries, with an initial capacity of 60,000 tonnes per year. Future expansion is also part of the long-term plan. The project is being developed by Easpring Finland New Materials Oy, a joint venture established in 2024.

Lithium battery production in Finland

Sensmet specializes in real-time analysis technology for battery metal recycling and manufacturing, particularly focusing on lithium. Their uDOES(R) system enables precise online ...

Finnish Battery Industries is the first association in the world representing companies in the battery value chain. Our members cover the battery value ...

The plant will produce cathode active material, a key component in lithium-ion batteries used in electric vehicles and for energy storage, said ...

In its national battery strategy, the State of Finland defined the goal of making our country a leading country in sustainable battery production and electrification ...

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In the value chain of lithium-ion batteries, the battery cell phase follows the precursor cathode active material (pCAM) and cathode active material (CAM) production ...

Lithium-ion battery manufacturing is energy-intensive, raising concerns about energy consumption and greenhouse gas emissions amid surging global demand. New ...

It's a Finnish mining and battery chemical company that is in charge of the lithium production in Kaustinen. The production will begin in ...

Background There is an emerging battery industry in Sweden, Finland, and Norway, with the business and employment potential to become a new basic industry. The ...

Finnish Minerals Group and Beijing Easpring Material Technology have decided to start construction on a cathode active material (CAM) plant ...

Construction of Finland's first cathode active material (CAM) plant will begin in April 2025 in Kotka. The facility, developed by Easpring Finland New Materials Oy, will supply ...

The Keliber lithium mining and battery chemical project is expected to produce up to 15,000 tonnes per annum battery-grade lithium ...

Keliber is a Finnish mining and battery chemical company dedicated to the sustainable production of battery-grade lithium hydroxide, which is crucial for lithium-ion batteries. Positioned near ...

BloombergNEF (BNEF) has ranked Finland as 4th worldwide and 1st Europewide in their lithium-ion battery supply chain ranking.



Lithium battery production in Finland

United Lithium targets regional deposits and mining operations along with advanced infrastructure and proximity to customers allowing for rapid and cost ...

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