

What is batteries from Finland?

Batteries from Finland -project is enhancing the growth of knowledge basis and global competitiveness along the entire battery value chain -from raw material production to battery cell production, battery applications and recycling. The study was commissioned by Business Finland and jointly executed by Gaia Consulting and Spinverse.

What is Finnish battery industries?

Finnish Battery Industries is the first association in the world representing companies in the battery value chain. Our members cover the battery value chain from mining and refining to the recycling of batteries. The association is a part of the Finnish Chemical Industries.

How big is the battery industry in Finland?

The battery industry investment potential in Finland is vast. The companies have plans to make investments worth 6-9 billion euros in the next 5 years. By 2027, the companies plan to have a revenue of 9 billion euros. The number of employees is estimated to be 6 000, and indirectly as much as 20 000.

Why is Finland partnering with the European battery industry?

One of the key elements of a sustainable and competitive battery ecosystem is recycling and Finland has been chosen to coordinate the European battery industry's research on the topic. The planned pCAM and CAM factories would generate thousands of jobs in the Kymenlaakso region, enough to drain local supply of workforce.

Where does Finland rank in the lithium-ion battery supply chain?

BloombergNEF (BNEF) has ranked Finland as 4th worldwide and 1st Europe-wide in their lithium-ion battery supply chain ranking. As demand for batteries increases, the need to find solutions is urgent. Business Finland has granted the BATCircle 2.0 consortium with 10.8 million euros

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.

Companies operating in Finland can cover a significant part of the battery industry value chain: mineral reserves, the production of cathode and anode materials for battery chemicals, and eventually the production and recycling of battery cells and batteries.

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Finland has essential minerals which are needed in battery production. In addition to these, Finland also has a lot of renewable electricity and the skills and knowledge needed by the industry. The battery industry investment potential in Finland is vast. The companies have plans to make investments worth 6-9 billion euros in the next 5 years. By 2027, the companies plan to ...

In early 2021, Finland outlined a national battery strategy aspiring to elevate its industry to pioneering status by 2025. The significance of this goal is pressing: the value of the European battery market is tipped to reach 250 billion euros by that year driven by significant carbon reduction milestones looming Europe in the near future.

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Shanshan's European production base in Vaasa will annually produce 100,000 tons of lithium-ion battery anode materials for Europe, supporting 100GWh batteries, enough for 1.5 million EVs. Vaasa's sustainable ...

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As Finland continues to take steps toward carbon neutrality on a society-wide scale, the equipment and processes for extracting minerals from the ground must be developed, too. Sweden's Sandvik is gearing up to introduce to the ...

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Finland-based Circular Ecosystem of Battery Metals, BATCircle, aims at improving the competitiveness of the Finnish battery value chain. BloombergNEF (BNEF) has ranked Finland as 4th worldwide and 1st Europewide in their ...

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SVOLT Energy Technology is considering building an additional battery cell production facility, with Finland being considered one of several potential locations inside and outside the European Economic Area (EEA). The selection of Finland as a candidate for this expansion is based on significant raw material reserves, an environmentally ...

Finland Battery Market Overview. The Finland Battery Market size was valued at USD 107.7 million in 2023 and is predicted to reach USD 582.8 million by 2030, registering a CAGR of 25.1% from 2024 to 2030. The battery market refers to the industry for research, development, manufacturing, and distribution of batteries, that plays an important role in converting chemical ...

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