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Tampere Finland Large Monomer Lithium Battery Pack

Overview

What is a battery from Finland project?

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. WHY FINLAND?

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How many battery cells are there in Finland?

The factory has approximately 200,000 battery cells in stock, which come from large data centres in southern Finland. “Some of them have come from backup batteries, which have not necessarily been used at all, but after a couple of years of warranty, these practically new batteries are taken out of service and their fate is to be crushed.

Is Finland a good operational environment for Li-ion batteries?

The attractiveness of Finland as operational environment for COMPANIES currently active within the Li-ion battery value chain in Finland was mainly considered as somewhat attractive or attractive covering together 81% of the company representative answers.

Which country manufactures the most batteries in the world?

China alone accounts for over 50% of the global battery manufacturing market. Batteries are used in a wide range of products and service offerings. The global battery sectors are developing and growing fast with the electric vehicle industry as a key driver.

Which companies are integrating Li-ion batteries into their solutions?

A wide range of Finnish, Nordic and European technology companies are

integrating Li-ion batteries into their overall solutions. Especially in case of large global companies, Li-ion battery technologies and products may become part of their core offering by acquisitions or by organic growth and recruitments. Main actors are shown on the next slide.

Can a pilot plant in Tampere be used to measure cells?

A pilot plant now open in Tampere can measure cells at a rate of one million cells per year. CeLLife Technologies’ patented diagnostic technology can sustainably electrify the world. The global green transition will require a huge number of lithium-ion batteries.

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