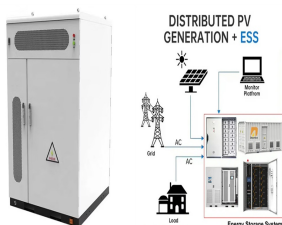


# SVALBARD AND JAN MAYEN NORTHVOLT BATTERY



Swedish battery developer and manufacturer Northvolt is set to build a wholly integrated lithium-ion (Li-ion) battery gigafactory in Quebec, Canada. Named Northvolt Six, the facility will have an annual cell ???



Northvolt has now raised over US\$3 billion to support its plans to become a major player in the European battery manufacturing space, including US\$1.6 billion in debt financing which it announced today. An initial 60GWh of annual output is planned across two lithium-ion battery cell factories, one in Sweden (40GWh) and another in Germany (20GWh).



READ: Europe's battery manufacturing struggles, Northvolt and VW scale back production plans. Brazil's storage and energy landscape. Currently, Brazil's battery storage market is still in its infancy, with only a limited number of projects in operation. However, the country boasts one of the cleanest energy grids globally, with 84% of its

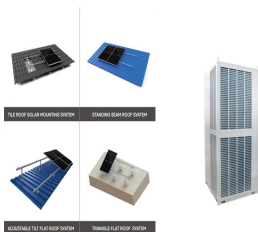


Northvolt said earlier this month that it has been selected as strategic lead supplier to Volkswagen for premium battery cells in Europe with the massive new deal, which runs for 10 years. Northvolt is building out a gigafactory in Sweden, called Northvolt Ett, from which it plans to produce lithium-ion batteries with a low carbon footprint.



Siemens partners with Northvolt to produce green lithium-ion batteries. Siemens digital factory division CEO Jan Mrosik said: "With our Digital Enterprise portfolio, we contribute to a competitive battery cell production in Europe that fully exploits the benefits of software and automation: greater flexibility, efficiency and quality with

# SVALBARD AND JAN MAYEN NORTHVOLT BATTERY



Gigafactory company Northvolt and sodium-ion battery technology firm Altris have together revealed a battery with an energy density of 160 Wh/kg, designed for energy storage systems. The firms revealed the battery's energy density today (21 November) following a research partnership and Northvolt's investment in Altris in May 2022.



The facility has the capacity to recycle 25,000 EV batteries a year. Image: Hydrovolt/Northvolt. Commercial operations have begun at the Hydrovolt battery recycling plant in Norway, a joint venture (JV) between Norwegian materials processing company Hydro and Sweden-headquartered lithium battery manufacturing startup Northvolt.



The first prismatic lithium-ion cell was produced at Northvolt Ett in Sweden just as 2021 ended. Image: Northvolt. The first lithium-ion battery cells have been produced at Northvolt's new gigafactory in Sweden and a UK sodium-ion battery startup has been acquired by the solar subsidiary of India's Reliance Industries.



Northvolt has one battery plant in operation in northern Sweden. It also has a plant under construction in Germany, with an additional \$5 billion plant being planned in Canada . Sign up for our

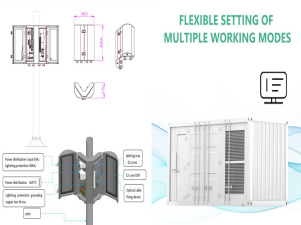


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The company's Northvolt Ett lithium-ion gigafactory. Image: Northvolt. Sweden-headquartered lithium-ion technology Northvolt has concluded its strategic review, revealing it is divesting or ceasing non-core activities, sharpening its focus to battery cell manufacturing and reducing its workforce.



Northvolt's private placement was co-led by new investors AP funds 1-4, via the co-owned company 4 to 1 Investments, and OMERS Capital Markets, together with existing investors Goldman Sachs Asset Management and Volkswagen Group.. Other existing owners, namely AMF, ATP, Baillie Gifford, Baron Capital Group and Bridford Investments, also ???



EIT InnoEnergy is also the main agency leading the European Battery Alliance and Northvolt ??? which this week announced that financing for, and investment in, its 60GWh of plants has so far surpassed US\$3 billion ??? is among the many companies it has helped along the way already. There is an expectation, highlighted in EIT InnoEnergy's



Following battery start-up Northvolt's US bankruptcy filing (under Chapter 11 for reorganisation) the company announced that Peter Carlsson will step aside from his role as CEO. However, he will

# SVALBARD AND JAN MAYEN NORTHVOLT BATTERY



The new factory will receive its supply of lithium-ion battery cells from Northvolt Ett gigafactory in Skellefte?, Sweden. Free Report How attractive are current investment opportunities in Europe? Europe has been identified as ???



The partnership will see the pair develop Northvolt battery hardware as well as battery management systems (BMS) optimised for Fluence's energy storage solutions. The intention is to lower the cost of ownership of ESS solutions and offer systems tailor-made for Fluence's customers, using digital intelligence integrated into the full battery



BERLIN ??? Swedish battery maker Northvolt, once seen as Europe's strongest competitor to Chinese battery manufacturers, filed for bankruptcy protection in the United States on Thursday.



Battery manufacturer Northvolt has announced the production of the first lithium-ion battery cell made from 100% recycled nickel, manganese, and cobalt. According to Northvolt, the inputs for the battery were recovered from battery waste through a low-energy hydrometallurgical treatment that involves the use of an aqueous solution to isolate

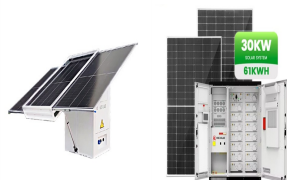


The battery cells will be produced in Europe at the Northvolt gigafactory currently under construction in Skellefte? in northern Sweden (series plant Northvolt Ett) from 2024. Go deeper with

# SVALBARD AND JAN MAYEN NORTHVOLT BATTERY



Swedish battery manufacturer Northvolt has announced plans to build a gigafactory, with an annual production capacity of 60GWh, in northern Germany. Free Report Battery energy storage will be the key to energy ???



Northvolt says its Revolt programme has produced its first lithium-ion battery cell featuring a nickel-manganese-cobalt (NMC) cathode made with metals recovered through the recycling of battery waste.



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Gigafactory company Northvolt and sodium-ion battery technology firm Altris have together revealed a battery with an energy density of 160Wh/kg, designed for energy storage systems. Northvolt and Fluence on European manufacturing: "Level playing field" and "right signals" needed.



Northvolt's business model breakdown and alternative revenue streams Competitive positioning Battery usage in energy storage Questions. 1. Recent news flow indicates that Northvolt might be speaking about an IPO, is in talks with bankers and is currently valued at more than USD 20bn. The company's latest official funding came from a EUR 1