

Is Northvolt looking to source cobalt from DRC?

REUTERS/Esha Vaish/File Photo Purchase Licensing Rights STOCKHOLM, Jan 19 (Reuters) - Swedish battery maker Northvolt is looking to source cobalt, used to make chemicals for electric vehicle batteries, from the Democratic Republic of Congo (DRC), the company said on Friday.

Where do Northvolt batteries come from?

As a producer of lithium-ion batteries that feature cobalt, Northvolt has been involved with the Democratic Republic of Congo (DRC) - the world's primary source of the cobalt used in most batteries on the market today.

Is Northvolt a Gigafactory?

Northvolt is primarily known for its gigafactories which will manufacture lithium-ion battery and battery material, as well as recycling facilities. Image: Northvolt. 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.

Should Northvolt engage with the DRC?

At various times, Northvolt has been approached by DRC stakeholders asking for the company's engagement with the country's mines and other actors, in part to support in improving working conditions in the developing region. Meaningful engagement from a company such as Northvolt is the right direction to take.

Can Northvolt batteries be used in electric vehicles?

Northvolt's current sodium-ion batteries are designed for use in energy storage, but subsequent generations with higher energy density could eventually be used in electric vehicles. Sign up for our daily news round-up! Give your business an edge with our leading industry insights.

Will Northvolt industrialise Prussian white-based batteries?

The battery does not involve the use of lithium, cobalt or nickel, and could remove global dependence on China, which dominates critical material supply chains. Northvolt plans to be the first company to industrialise Prussian White-based batteries and bring them to commercial markets. Credit: Jeppe Gustafsson via Shutterstock.

Some in that camp still praise Carlsson and Northvolt for establishing Europe's EV battery ambitions, even if Northvolt is not the one that goes on to lead the charge. Henry Sanderson, executive editor at battery materials research publisher Benchmark Mineral Intelligence, called the news a "setback for Europe's ambitions to build a ...

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

In September, Northvolt outlined a review of operations in Sweden which will result in the loss of 1,600 jobs. The restructuring comes amid slowing sales of battery electric vehicles (BEVs) in Europe.

Northvolt's team is currently engaged in building the next-generation battery factory focused on process innovation, scale and vertical integration. "We contribute to a competitive battery cell ...

The heat is rising for Quebec Premier François Legault as opposition parties demand more answers about his government's investment in the planned Northvolt battery factory near Montreal.

Sustainability is also Northvolt's central USP and the firm claims its carbon footprint is 30-40% of a standard battery (partially thanks to an abundance of clean hydropower energy in northern Sweden, where Ett is ...

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 ...

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 ...

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 ...

Swedish lithium-ion battery manufacturer Northvolt received EU approval for a substantial EUR902m (\$986.43m) German state aid package on Monday to build an electric vehicle (EV) battery production plant in Heide, ...

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 manufacturing capacity of 60 gigawatt hours (GWh). It will be constructed in phases.

Swedish start-up Northvolt announced on Tuesday a breakthrough in its sodium-ion battery technology, developed for use in energy storage systems. The battery does not involve the use of lithium, cobalt or ...

Northvolt, once the poster child of the European battery industry, shocked the world last month by filing for Chapter 11 in the United States. The Swedish battery start-up burned through billions of euros in capital from investors such as Volkswagen, Goldman Sachs, and others, with little to show for it.

An aerial view of the land being developed by Northvolt, the new EV battery plant being built by the Swedish manufacturer in Saint-Basile-le-Grand, east of Montreal, Que., Thursday, May 16, 2024.

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