

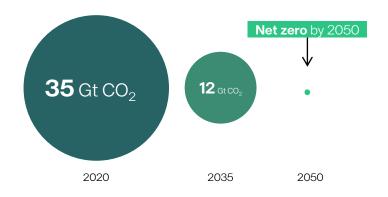
Introducing Northvolt

Founded in 2016, Northvolt aims to become a leading supplier of sustainable, high-quality battery cells and systems.

No other battery company holds as high a commitment to developing green, sustainably sourced and manufactured batteries.



The need for a sustainable battery industry



A **strategic necessity** to reduce batteries' carbon footprint to support the energy transition.

The energy sector is responsible for around threequarters of global GHG emissions today and holds the key to averting the worst effects of climate change, perhaps the **greatest challenge humankind has faced**.



Enabling the future of energy

Northvolt was founded with the mission to build the world's greenest battery and enable the transition to a decarbonized society and industry.



European leadership with European roots



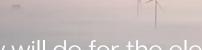
World's greenest battery



Unique vertical integration done at scale



Industry leading technology and industrialization platform



"A battery will do for the electricity supply chain what refrigeration did to our food supply chain"

Prof. Donald Sadoway

Electrochemist, MIT Materials Science

7

Years since foundation

\$8.0 bn

Raised to date in equity, debt and grants

\$55 bn

Contracted order book

5500+

Employees from 120+ nationalities

The need for a sustainable battery industry

Northvolt's commitment to sustainability through all activities



Recycling



Sourcing



Manufacturing



90%

Target reduction in emissions compared to industry benchmark



Limiting fresh resource use

50%

Recycled material target in new battery cells by 2030



100%

Target traceability of metals and key raw materials

Our goals 2030

Climate

To achieve the lowest possible carbon footprint of our battery cells.

- 10 kg CO₂e/kWh at cell level on a life cycle basis
- 33 kg CO₂e/kWh at cell level on a life cycle basis

Energy

To use fossil-free energy for all of our operations.

- 100% fossil-free energy on an annual basis
- 95% fossil-free energy on an annual basis

Recycling

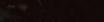
To reduce our dependence on virgin material through use of recycled material in cell production.

- 50% recycled material in cells
- 6% recycled material in cells

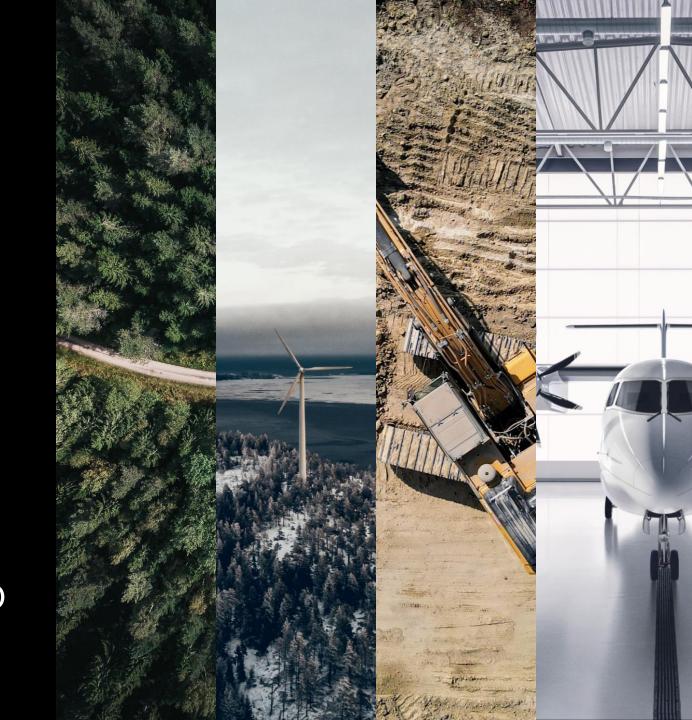


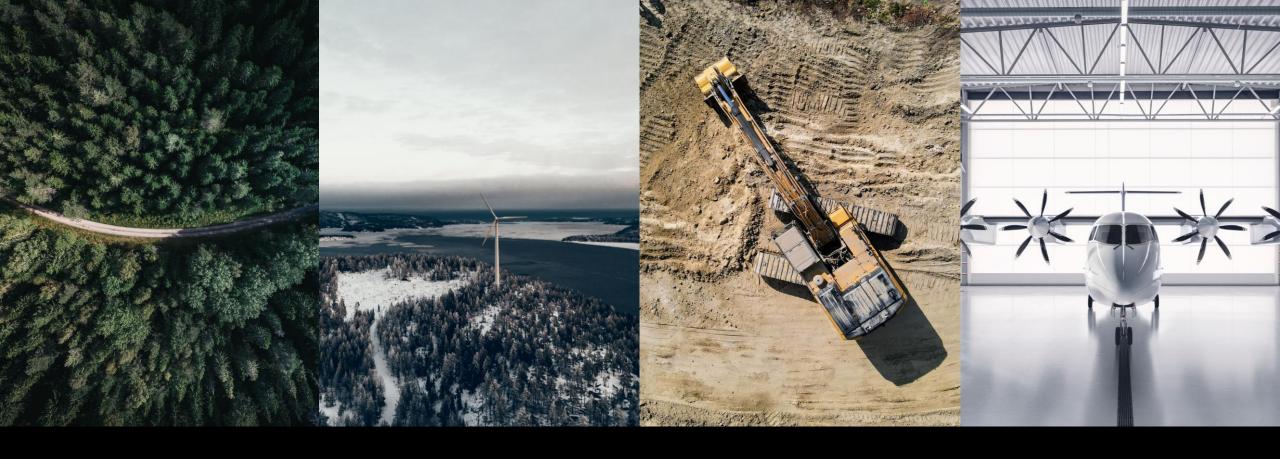






Seeking to establish a supply chain of sustainable batteries to enable the transition to decarbonized future





Automotive

Solutions for cars, light commercial vehicles, trucks & buses

Energy Storage

All energy storage systems within the grid value chain

Utility, grid, solar & wind power

Industrial

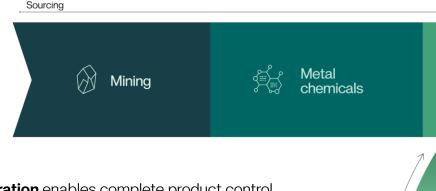
Mainly system level industrial customers

Mining, marine, construction, agriculture, material handling, rail, aviation

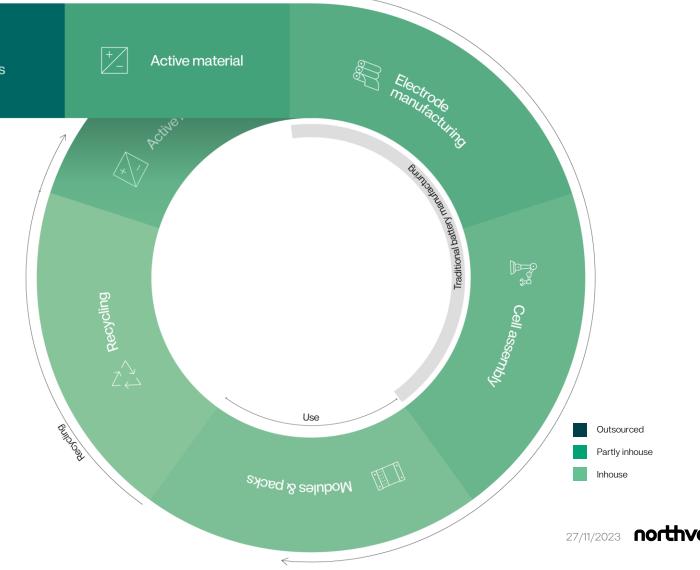
Aviation

Development of Lithium metal cell technology at Cuberg

Vertical integration across the battery supply chain



- Vertical integration enables complete product control, traceability, sustainability and structural cost advantages
- Embrace of new methods, innovation and R&D to advance products and solutions
- ✓ Commitment to fossil-free energy in cell production
- ✓ Collaboration with strategic partners who share in Northvolt's vision for the future
- ✓ Sustainable & ethical sourcing of raw materials
- Working actively with suppliers, with particular focus on materials and equipment, to drive positive change throughout value chain and establish local battery ecosystem



Production

An expanding presence

With R&D and production facilities in the Western hemisphere







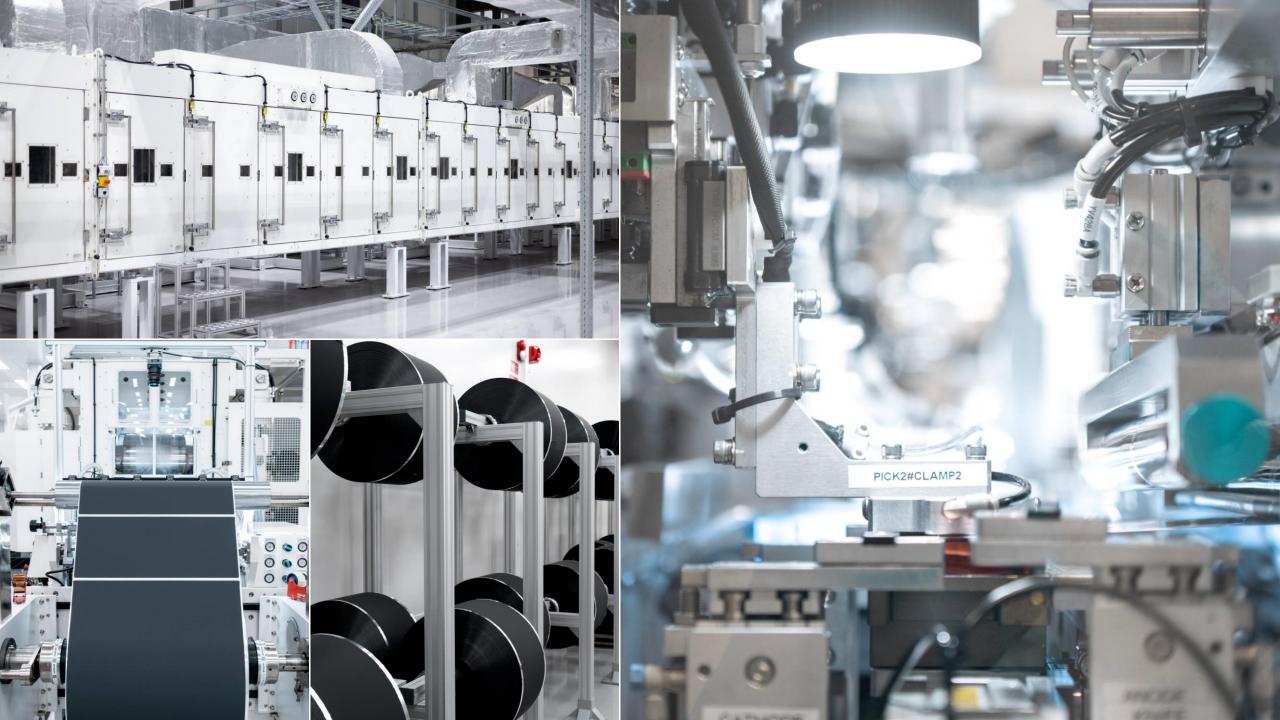
Northvolt Labs

VÄSTERÅS, SWEDEN

Cell industrialization campus with full upstream and downstream production capacities.

Additional on-site facilities provide complete cell safety and validation capabilities.

Pilot recycling plant provides a platform for process innovation and optimization.









Northvolt Drei PEIDE, GERMANY Cell manufacturing gigafactory, ramping up to 60 GWh/year cell production. Expected to produce its first batteries in late 2025. EQUIVALENT TO ONE MILLION ELECTRIC VEHICLES RENEWABLE ENERGY



Northvolt Six

QUEBEC, CANADA

Northvolt Six will be Canada's first fully integrated battery manufacturing plant.

Construction of the project is expected to begin in the fall of 2023 and the first batteries are expected out of the production lines in 2026.

3000 DIRECT JOBS CREATED

60 GWh

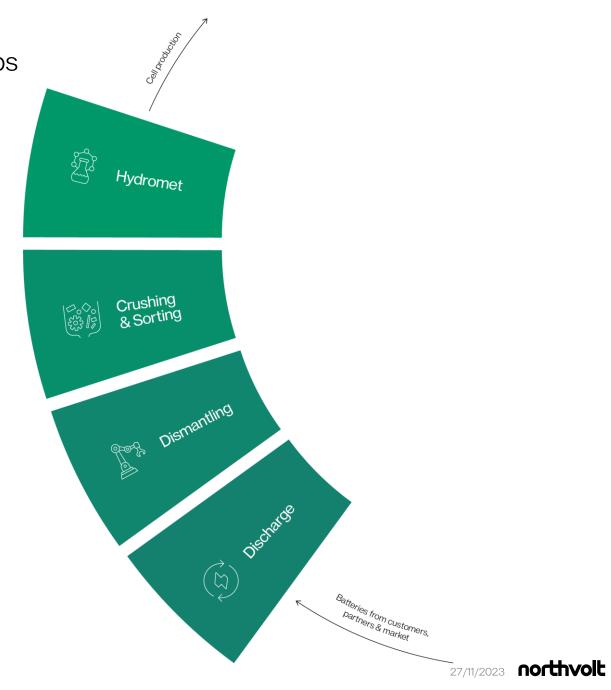
northvolt

PLANNED ANNUAL CAPACITY





RevoltProcess steps





SAN FRANCISCO BAY AREA, UNITED STATES

Combining next-generation lithium metal cell technology world-class R&D expertise and a global manufacturing capacity to enable entirely new modes of all-electric transportation.

2021

ACQUISITION BY NORTHVOLT

380 Wh/kg

1

Wigor

Hydrovolt

Northvolt—Hydro Joint Venture

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Europe's largest electric vehicle battery recycling plant, with capacity to process 12,000 tonnes of battery packs on annual basis – sufficient to recycle the entirety of the Norwegian end-of-life battery market.

Aluminium recovered through Hydrovolt will be delivered to Hydro for recirculation into commercial grade aluminium products.

Black mass to be delivered to Northvolt Revolt.

2022

COMMERCIAL OPERATIONS

12K TONNES

BATTERY PACKS ANNUAL CAPACITY







Stay in touch!

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