April 2022

Northvolt – Enabling the Future of Energy

Solutions for a cleaner future

Energy is changing. Electrification is transforming our world away from the environmental burden of carbon fuels.

With emergence of clean energy comes a need to innovate new solutions for storage and use of electricity.



An enabling technology

for a cleaner future

Batteries are part of the solution for a sustainable world.

Enabling clean transportation and the use of more clean energy.



Introducing Northvolt

Founded in 2016, Northvolt aims to become Europe's leading supplier of sustainable, highquality battery cells and systems.

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



Northvolt model







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A commitment to **clean energy** in **cell production** Sustainable & ethical sourcing of raw materials

Embrace of **new methods**, **innovation** and **R&D** to advance our products and solutions Partnership and collaboration with **strategic partners** who **share our vision for the future** Customer solutions are optimized through deep vertical in-house competence.

- Unique bottom-up design from cell to a complete battery system
- Full in-house design transparency enables an optimal overall system design and integrated solutions
- Full control of the products. Every component in our battery systems has been designed by Northvolt





Automotive

All levels

Cars, light commercial vehicles, truck & bus

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

Portable

Mainly cell level customers

Power tools, garden tools, forestry equipment, home appliances

High growth in EV demand expected to be taker of most new volume expansion on a global scale







Northvolt Ett Skellefteå, Sweden

2

Northvolt Dwa Gdansk, Poland

3

Northvolt Drei Heide, Germany

4

Northvolt–Volvo Joint Venture Gothenburg, Sweden

5

6

7

Northvolt Fem Borlänge, Sweden

Northvolt Labs Västerås, Sweden

Volthouse Stockholm, Sweden

8

9

Hydrovolt Fredrikstad, Norway

Cuberg San Francisco Bay Area, USA

Northvolt Ett

SKELLEFTEÅ

Primary manufacturing gigafactory, ramping up to **60** GWh/year cell production, with on-site recycling.

EQUIVALENT TO 1,000,000 ELECTRIC VEHICLES

1,500,000 m²

Northvolt Ett

Objectives 2030

Cell manufacturing capacity

Recycled material in all new cells

50%

CO2 emissions per kWh cell produced

10 kg

150 GWh

Stay in touch!

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