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# Volkswagen AG – Analyst and Investor Conference 2020

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A K T I E N G E S E L L S C H A F T

# The specification of Lithium-Ion battery reflects customer expactations.



Attractive costs Long electric driving range Fast charging High electric performance Long service life Temperature between -30°C and +50°C Global use Robustness and availability Maximum safety



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# The battery system enables greatest flexibility.



The scalable battery system offers a range between 330 and 550 kilometres

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## **Electric cars are as safe as conventional vehicles.**



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#### We are responsible for the entire battery cycle. Primary raw materials Secondary raw hain P Cathode material ners 9 supt materials Battery cell Hydro metallic 8 1 production recycling Battery system **Mechanical** 2 production recycling 2<sup>nd</sup> life use 6 1<sup>st</sup> life 3 Volkswagen AG Return 5 Module analysis

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# The next battery generations.



A K T I E N G E S E L L S C H A F 1

# Northvolt AB and Volkswagen AG Joint Venture

# northvolt

# VOLKSWAGEN

Partnering to enable a sustainable transport future, the Northvolt–VW joint venture will establish a lithium-ion battery factory in Salzgitter, Germany.

It is a long-term partnership with intentions to increase capacity over time.

- + In September 2019, Volkswagen AG and Northvolt AB signed a 50/50 joint venture to establish a factory for lithium-ion batteries
- + The finalization of the joint venture is the result of an agreement which both parties concluded in June
- + Volkswagen invested some €900 million, with funds split between the joint venture and Northvolt itself
- + Volkswagen has received about 20 percent of the shares in Northvolt and a seat on its Supervisory Board

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## **Production Site 'Northvolt Zwei' in Salzgitter, Germany**

