

V O L V O

The Road to Climate-Neutral Heavy-Duty Road Transports

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Volvo Trucks

Global Product Management | Jonas Odermalm | Nordic HCT Conf Oct 2023

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VOLVO

A mix of three technologies will decarbonize transports

Battery Electric



Fuel Cell Electric



Renewable Fuels



High-pace commercialization

2022

FH, FM, FMX Electric
Europe



Regional Distribution



Urban Construction



Regional Haul

2020

VNR Electric
North America



Local Distribution



Regional Transports

2019

FL & FE Electric
Europe



City Distribution



Refuse Collection



Light Construction

- Energy Efficiency
- Vehicle Range
- Charging Speed
- Total Cost of Ownership
- Load Capacity
- Markets
- Segments
- Applications

Volvo FH / FM / FMX Electric

- Tractor & Rigid - 2, 3, 4-axes
- Driveline Power: 330 - 490 kW
- Energy capacity: 180 - 540 kWh (2-6 BPs)
- Charging power AC/DC: 43 kW / 250 kW
- Combination Weights up to 50 tones
- Driving Range up to 300 km

Ongoing tests – Electric HCT



Mattssons Åkeri - 74 tones – Port of Gothenburg, Sweden



DB Schenker - 68 tones – Vanda – Lempäälä, Finland

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THANK YOU!