Electrification of urban fleets

Experiences and outlook

Getting zero-emission trucks on the road, Transport & Environment

Brussels, 19 February 2020
Multiple drivers for clean mobility

Urbanization Growth
68% of the population will live in cities by 2030. Versus 55% in 2018.

Mobility Demand
20x Increase of Urban Mobility Demand. 2010-2030, EU.

Delivery Growth
+ 25% Next Day Shipment Volume Annual Increase

Environmental Crisis
+3 - 4° World Temperature Increase if No Drastic Actions are taken

Increased Regulations
+220 Low Emission Zones in Europe in 2018
Industrial sectors currently merging

Deutsche Post DHL Group

Electrification of urban fleets | Brussels | February 2020
Pioneering clean mobility transition for 10 years at DPDHL

- Green Customer demands
- Increasing Legal Requirements
- Investors/Organizations Standards
- Responsible Business Growth
- Fuel Price Development
Our achievements so far

- 12k+ Vehicles in operation
- >100M Driven Km (>2,000x around the world)
- 40k Tons CO₂ Savings since 2015
- 15k Installed Charging Points
- 850+ Logistics Depots
- 3 Production sites

Deutsche Post DHL Group
E-vehicles in daily operations: The StreetScooter portfolio

**Tailored to last-mile**
- Excellent for high stop-density traffic
- Zero-emission solution for restricted zones

**TCO: Compelling arguments**
- 60-80% less energy cost
- 60-80% less maintenance and repair
- Up to 15k€ subsidies and tax advantages

**Proven in daily operations**
- Warranty, service, insurance, leasing and infrastructure solutions available

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<thead>
<tr>
<th></th>
<th>WORK BOX</th>
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<tbody>
<tr>
<td>Load Volume [m³]</td>
<td>4.3</td>
<td>8</td>
</tr>
<tr>
<td>Payload [kg]</td>
<td>720 / 585</td>
<td>905</td>
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<tr>
<td>Charging system</td>
<td>Type2 smart, up to 11kW</td>
<td>Type2 smart, up to 11kW</td>
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<tr>
<td>Battery [kWh]</td>
<td>20 / 40</td>
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<tr>
<td>Price [€]</td>
<td>35,950 / 40,950</td>
<td>45,450</td>
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<tr>
<td>Range [km]</td>
<td>101 / 205</td>
<td>187</td>
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Summary of e-vehicle key benefits

- Reduced TCO
- Increased Reliability
- Operational Simplification
- Secured Mobility Needs
- Power Demand Reduction
- Additional Energy Trading Revenues
THANK YOU