



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%

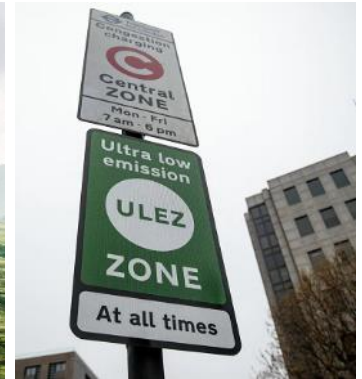
Next Day Shipment Volume Annual Increase



**Environmental
Crisis**

+3 - 4°

World Temperature Increase if No Drastic Actions are taken

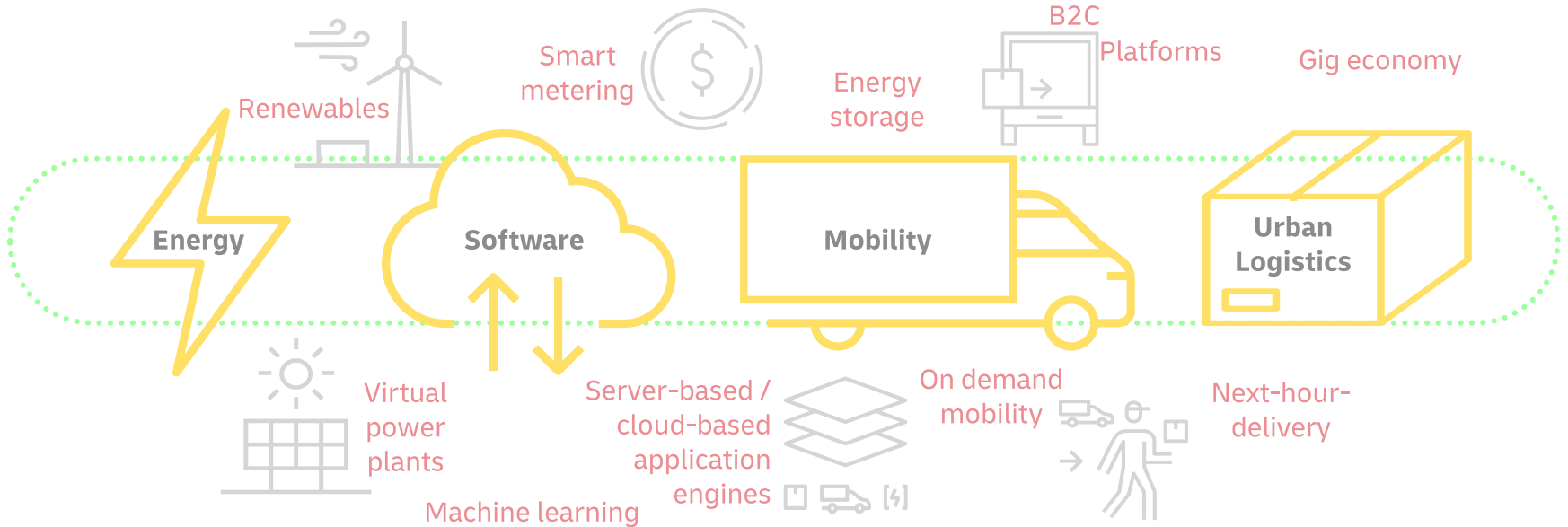


**Increased
Regulations**

+220

Low Emission Zones in Europe in 2018

Industrial sectors currently merging



Pioneering clean mobility transition for 10 years at DPDHL



Green Customer demands



Increasing Legal Requirements



Investors/Organizations Standards



Responsible Business Growth



Fuel Price Development

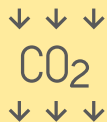


Our achievements so far



12k+

Vehicles in operation



40k Tons

CO₂ Savings since 2015



850+

Logistics Depots



>100M

Driven Km (>2,000x around the world)



15k

Installed Charging Points



3

Production sites

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

WORK BOX



WORK L BOX



Load Volume [m ³]	4.3	8
Payload [kg]	720 / 585	905
Charging system	Type2 smart, up to 11kW	Type2 smart, up to 11kW
Battery [kWh]	20 / 40	40
Price [€]	35,950 / 40,950	45,450
Range [km]	101 / 205	187

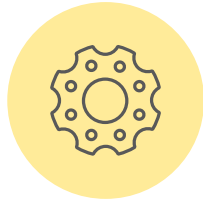
Summary of e-vehicle key benefits



**Reduced
TCO**



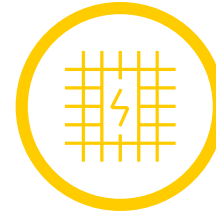
**Increased
Reliability**



**Operational
Simplification**



**Secured
Mobility Needs**



**Power Demand
Reduction**



**Additional Energy
Trading Revenues**

THANK YOU