BETRIEBLICHE E-MOBILITÄT

BOSCH ELECTRO_MOBILITY SOLUTIONS

DI HANNO MIORINI



Bosch Group Overview

Shareholders 92 1% Robert Bosch GmbH **7%** Bosch family 92% Robert Bosch Foundation



Business sectors and divisions **Mobility Solutions** Industrial Technology Consumer Goods

Energy and Building Technology

Mobility Solutions



World's largest supplier of cutting-edge automotive technology

Consumer Goods



World's largest power tool manufacturer Leading the field in household appliances

Industrial **Technology**



Leading in drive and control technology, packaging, and process technology

Energy and Building Technology



Leading manufacturer of thermo & building security technology; largest supplier of heat pumps

Bosch



approx. **390,000** associates

73.2 billion euros in sales in 2015

Ladesäule im Betriebsgelände





Future Mobility

Electrified, automated and connected



costs hybrid e-motor eBike power electronics

electrified

plug-in eScooter range fun-to-drive battery charging infrastructure

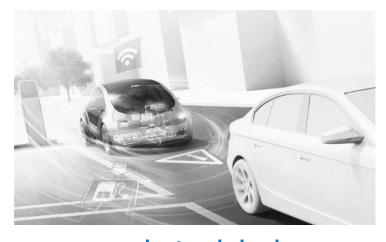


legislation driver assistance emergency braking autopilot

automated

highway-pilot
redundancy
valet parking

sensors electric steering



electronic horizon smartphone integration

connected

eCall cloud

services fleet management car2car augmented reality



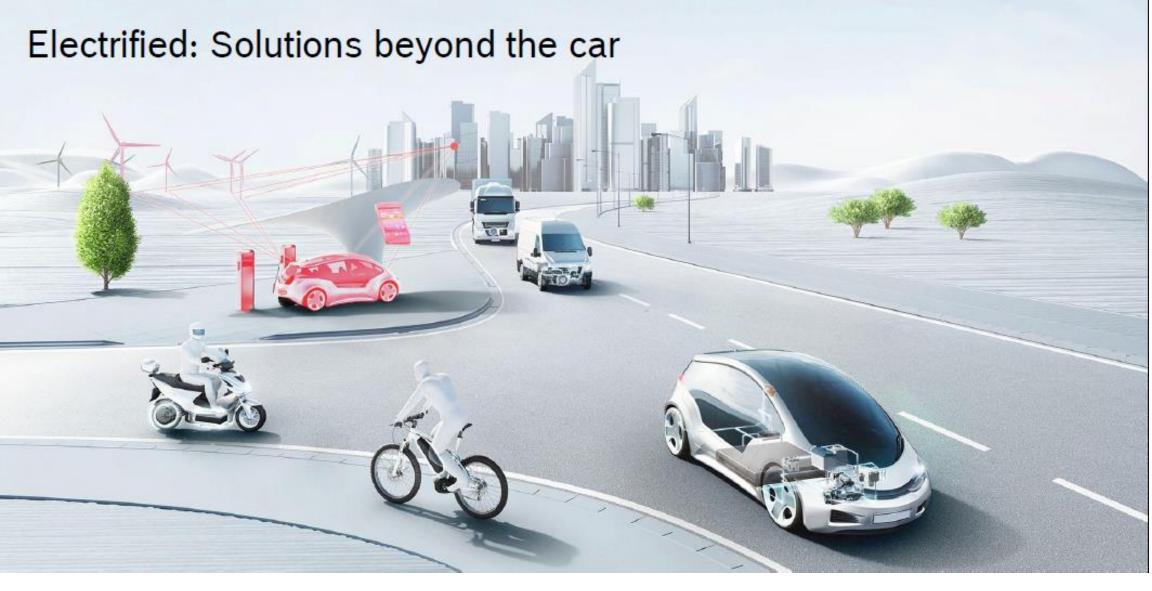
Electromobility Electrified Vehicles



eBikes

eScooters, light eMobility vehicles and Pods electric vehicle/ HEV, PHEV

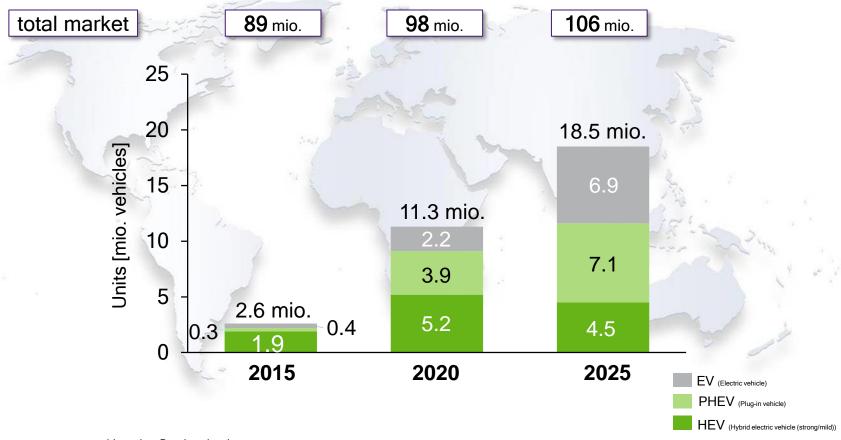






Bosch market view - electrified powertrain

Vehicle sales passenger cars* (incl. LCV<6t)





Bosch Electrification - Activities







eDrive for Passenger Car Hybrids, Plug-in & EVs

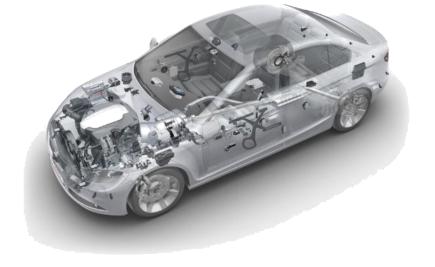






Power Train for E-Bikes





Starters and Generators for Start/Stop- and 12V Recuperation Systems



Regenerative Braking Systems



Navigation Systems







Software for Infrastructure Integration



Research & Advanced Engineering for future Electric Vehicle Concepts



LIGHT ELECTROMOBILITY

BOSCH EBIKE SYSTEMS



Light Electromobility - Bosch eBike Systems





Light Electromobility - Bosch eBike Systems eBike Components





Light Electromobility - Bosch eBike Systems

eBikes at work





ELECTROMOBILITY SERVICES

Electromobility Charging Services





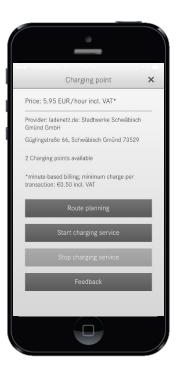
Charge and Pay App



Registration



Search charging point



Control charging process

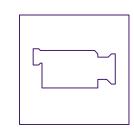


Pay



Bosch eScooter Hiring Service in Berlin







VIELEN DANK

