



DeepDrive

Rethinking electric mobility

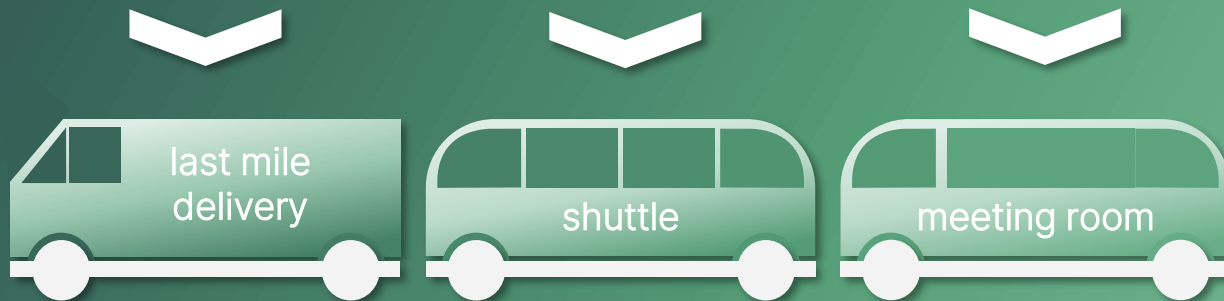
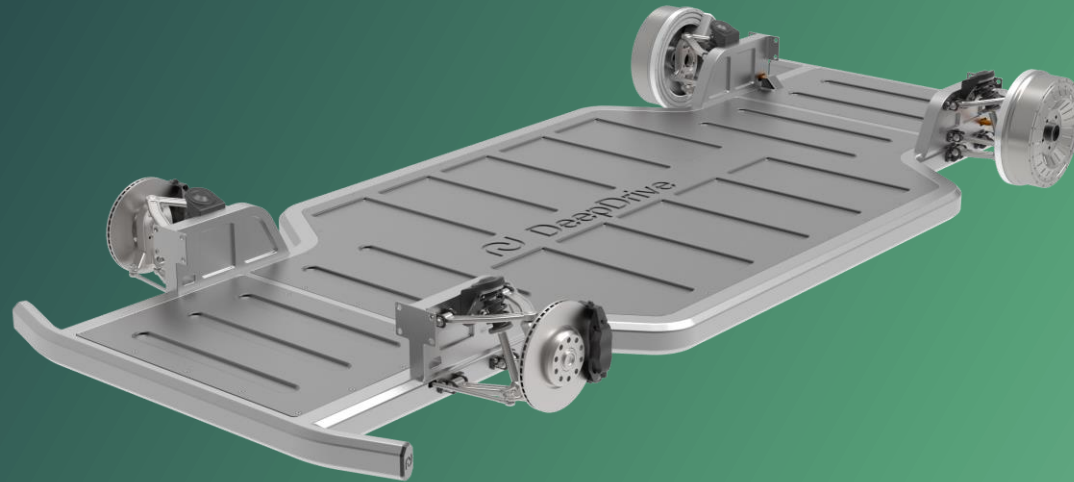
IAA 2021





A plug & play platform for vehicle manufacturers

The DeepDrive EV platform includes all driving functions



~50%

less development costs of a new vehicle concept

>24 months

faster time to market

TCO optimised

Significant total cost of ownership reduction



The first fully modular, completely flat electric vehicle platform

Plug and play

- ▶ Completely flat platform due to in-wheel powertrain - anything fits on top
- ▶ Standardised interfaces

Fully modular

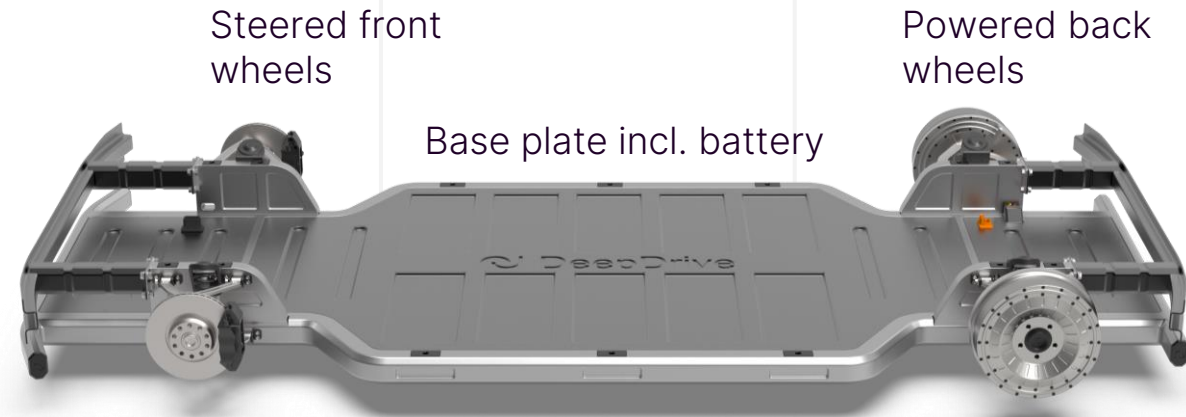
- ▶ Consisting of only 3 main components
- ▶ Exchangeable & upgradeable modules

Significant lower TCO

- ▶ ~20% more efficient than current market standard
- ▶ Easy maintenance and less parts

Highly sustainable

- ▶ ~50% carbon emission reduction
- ▶ Up to 4x vehicle lifetime

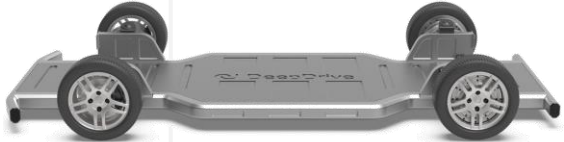
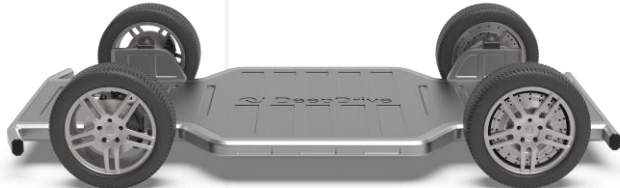
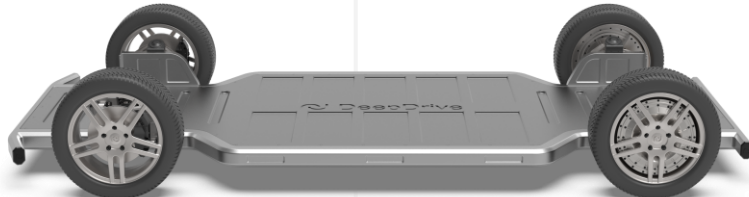
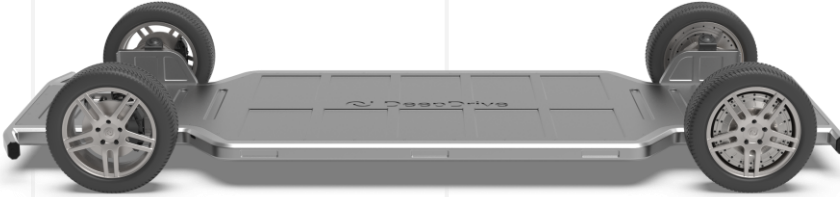


- ▶ Patented, highly efficient in-wheel e-powertrain with up to 250kW and 3,600Nm torque (~20% range increase)
- ▶ Range of >600km with LFP battery (80kWh) / >800km with NMC battery (>100kWh), ready for Sodium-Ion
- ▶ Majority of crash loads covered by platform
- ▶ 800V fast charging mechanism
- ▶ Autonomous-ready safety concept

Note: Range in WLTP cycle



Platform portfolio

XS	<ul style="list-style-type: none">▶ L7e vehicles, mini shuttles, last mile delivery▶ Up to 350km range▶ Voltage level 60V (with 120V battery option)▶ 15-30kW power▶ Available for <45km/h and <80km/h	
S	<ul style="list-style-type: none">▶ Small passenger vehicles, robo shuttles, in-city delivery▶ Range >450km▶ Up to 150kW power▶ >160km/h▶ Wheel-base 2,2m	
M	<ul style="list-style-type: none">▶ Passenger vehicles, intermediate robo shuttles▶ Range >600km▶ Up to 250kW power▶ >160km/h▶ Wheel-base 2,8m	
L	<ul style="list-style-type: none">▶ Inter-city delivery, people carrier▶ Range >700km▶ Up to 250kW power▶ >160km/h▶ Wheel-base 3,4m	

Contact
Stefan Ender
ender@deepdrive.tech
+49 176 6123 6497



DeepDrive GmbH
Auenbruggerstraße 15
80999 Munich
Germany

weare@deepdrive.tech