



IAA Mobility 2021 – Schaeffler Press Conference

On Track to Sustainable Mobility

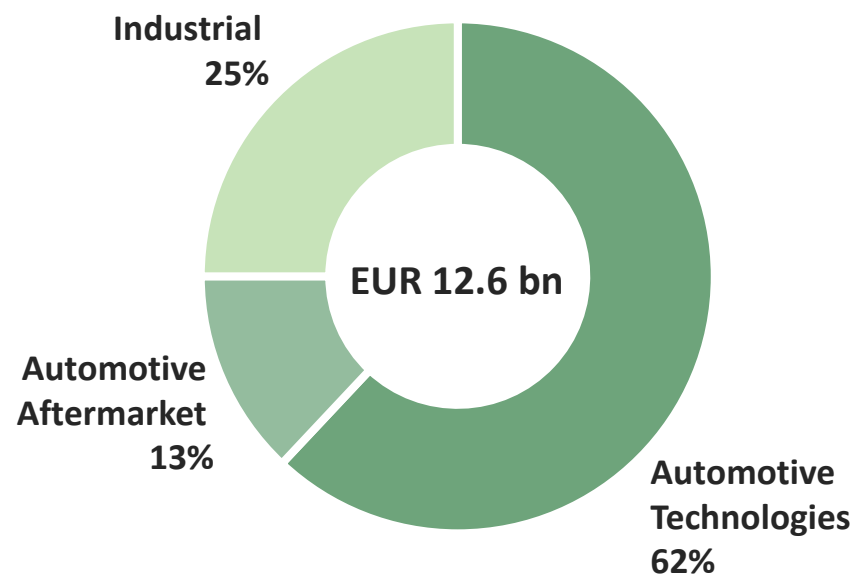
Klaus Rosenfeld, CEO Schaeffler Group
Matthias Zink, CEO Automotive Technologies

We pioneer motion

Schaeffler Group at a glance – We are an Automotive and Industrial supplier

3 Divisions

In % of FY 2020

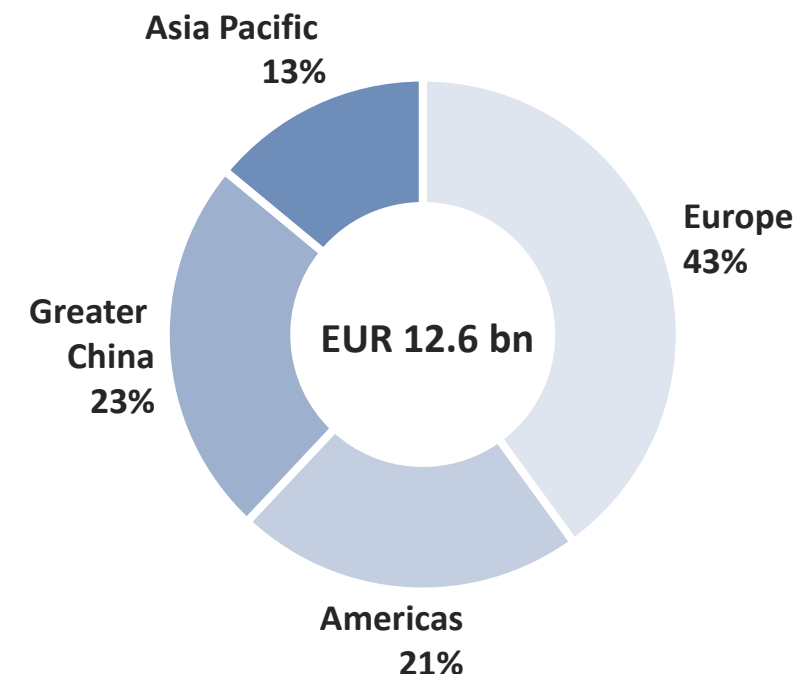


Schaeffler Group

- **Leading positions in technology and innovation**
- **10 customer sectors**
- Market leading offering from **components and systems to services**
- **75 plants and 20 R&D centers**
- **~83,000 employees** in more than **50 countries**

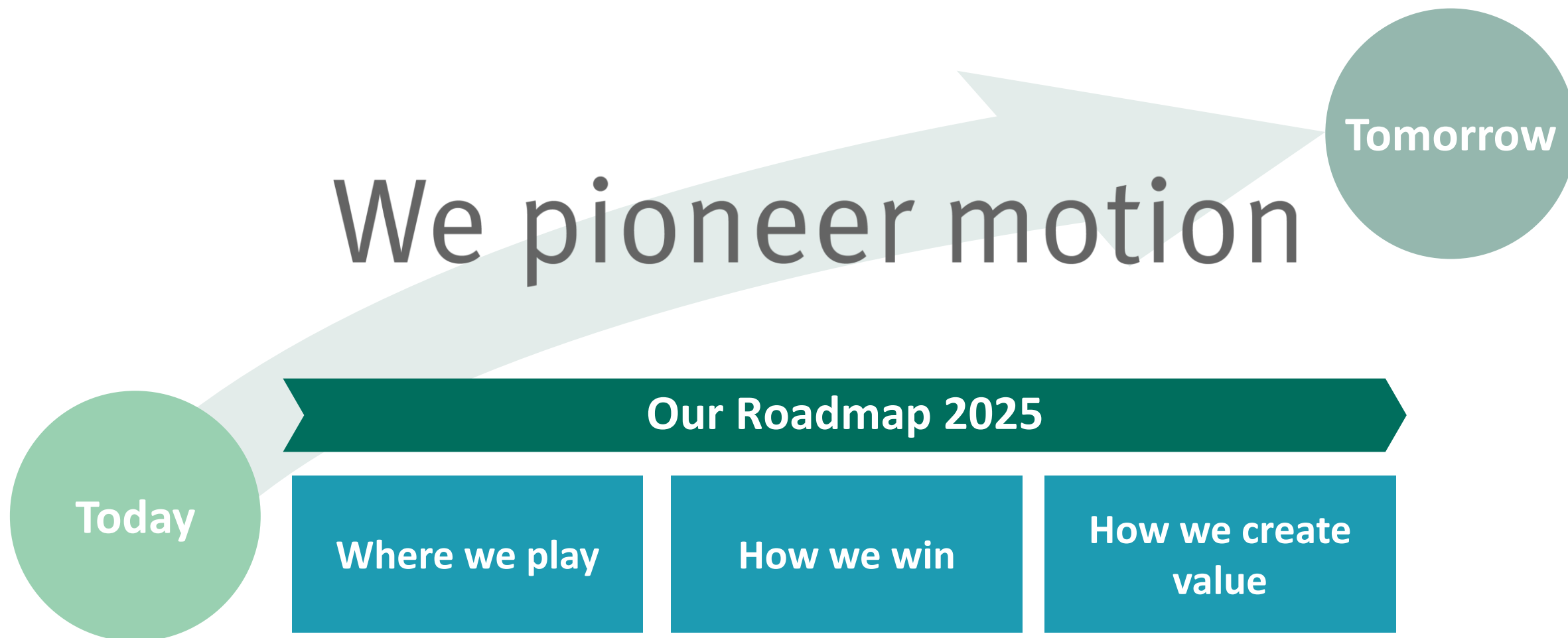
4 Regions

In % of FY 2020

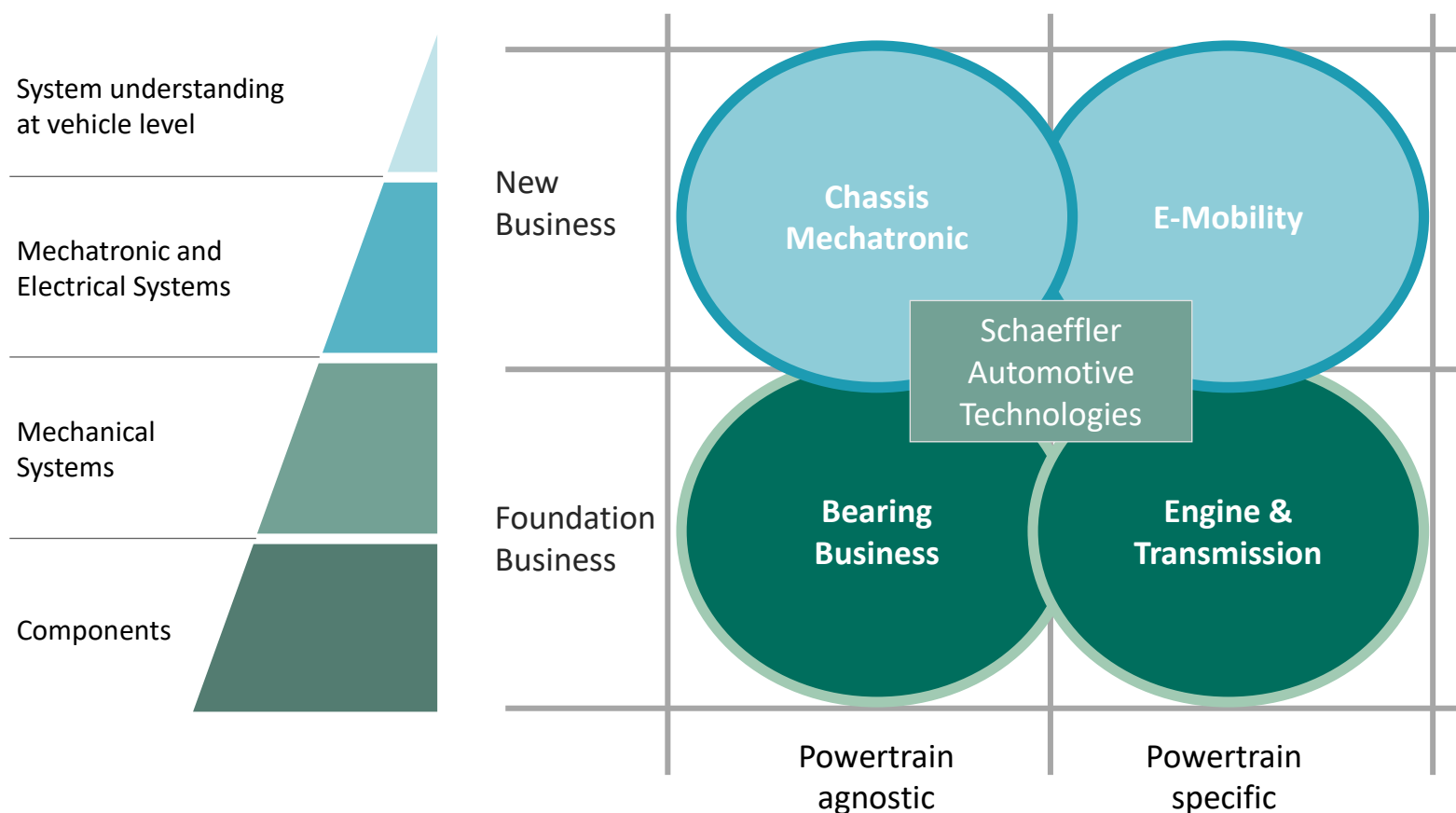


Well-diversified Automotive and Industrial supplier with global reach and synergistic businesses

Our Roadmap 2025 – We pioneer motion



Transforming Automotive Technologies – We want to be the preferred technology partner for our customers

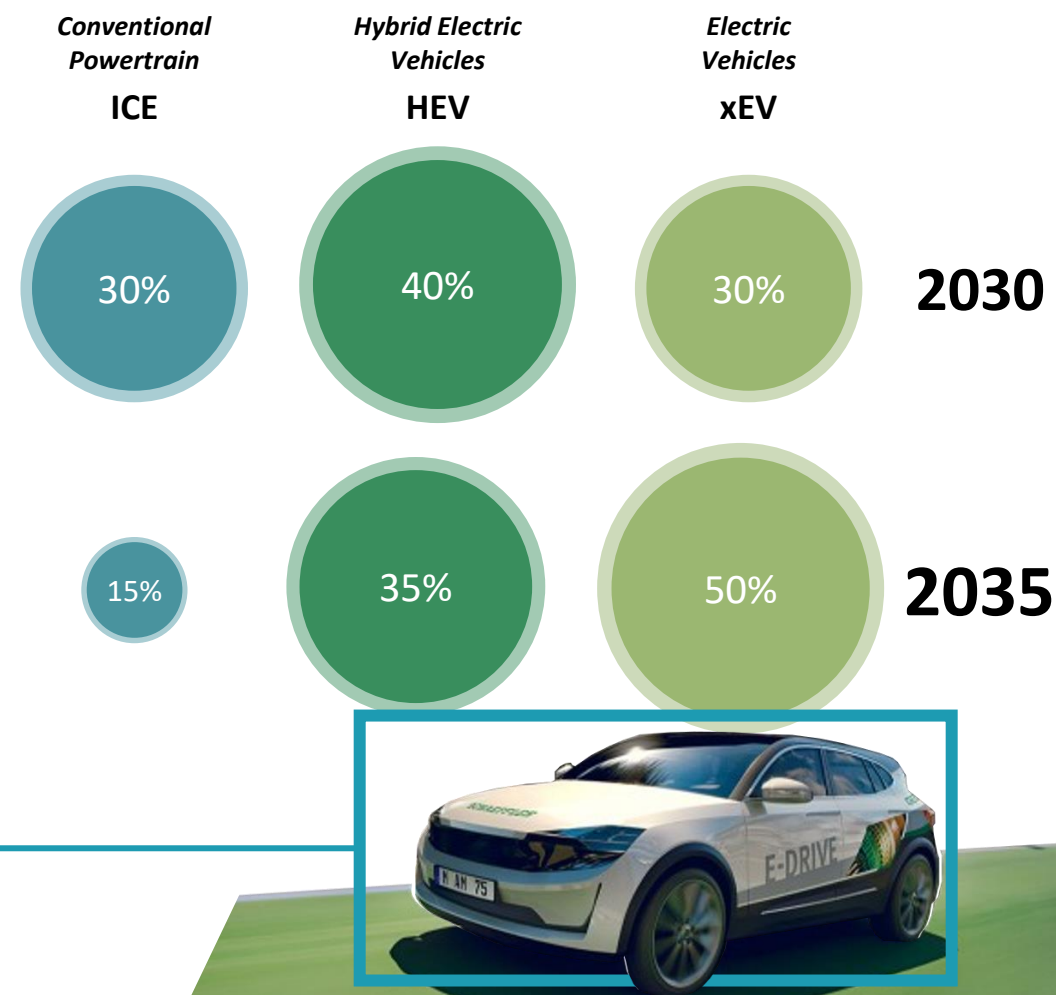


Key aspects

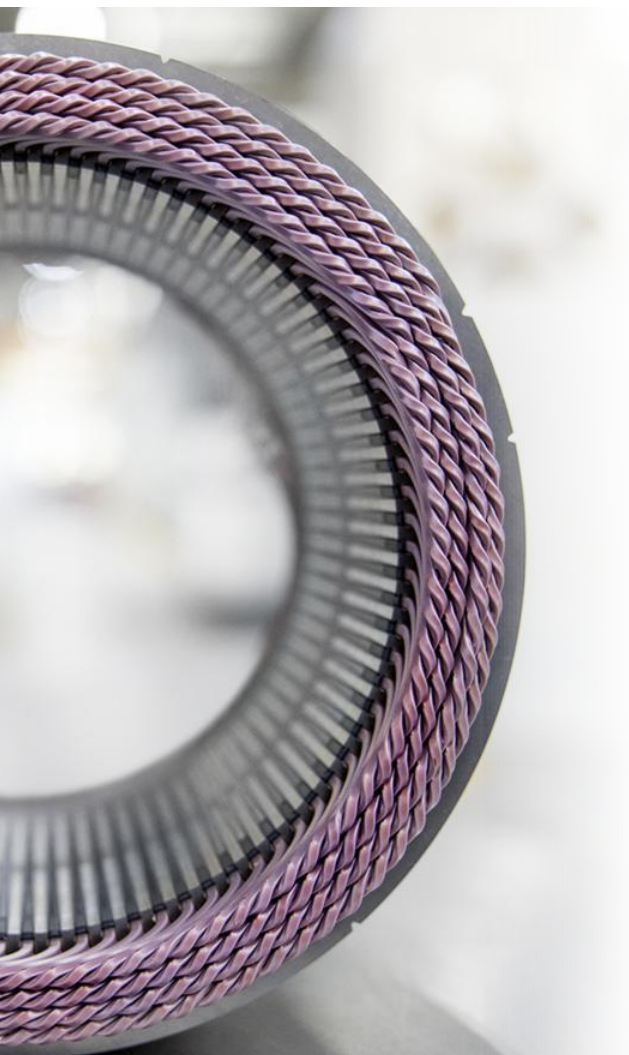
- ▶ Innovation leadership in E-Mobility
- ▶ Strengthen Chassis business as the second pillar of the Automotive Technologies division
- ▶ Strengthening our automotive bearings business
- ▶ Realizing synergies with business for conventional powertrains (Engine & Transmission Systems)

We want to be the preferred technology partner for our customers

E-Mobility – Our Vision 2030 became common understanding



E-Mobility – Promised and delivered: Order Intake and Footprint



11.4 bn EUR
Total Order Intake
for E-Mobility
since 2018

2.1 bn EUR
Order Intake for
E-Mobility
achieved in H1 2021

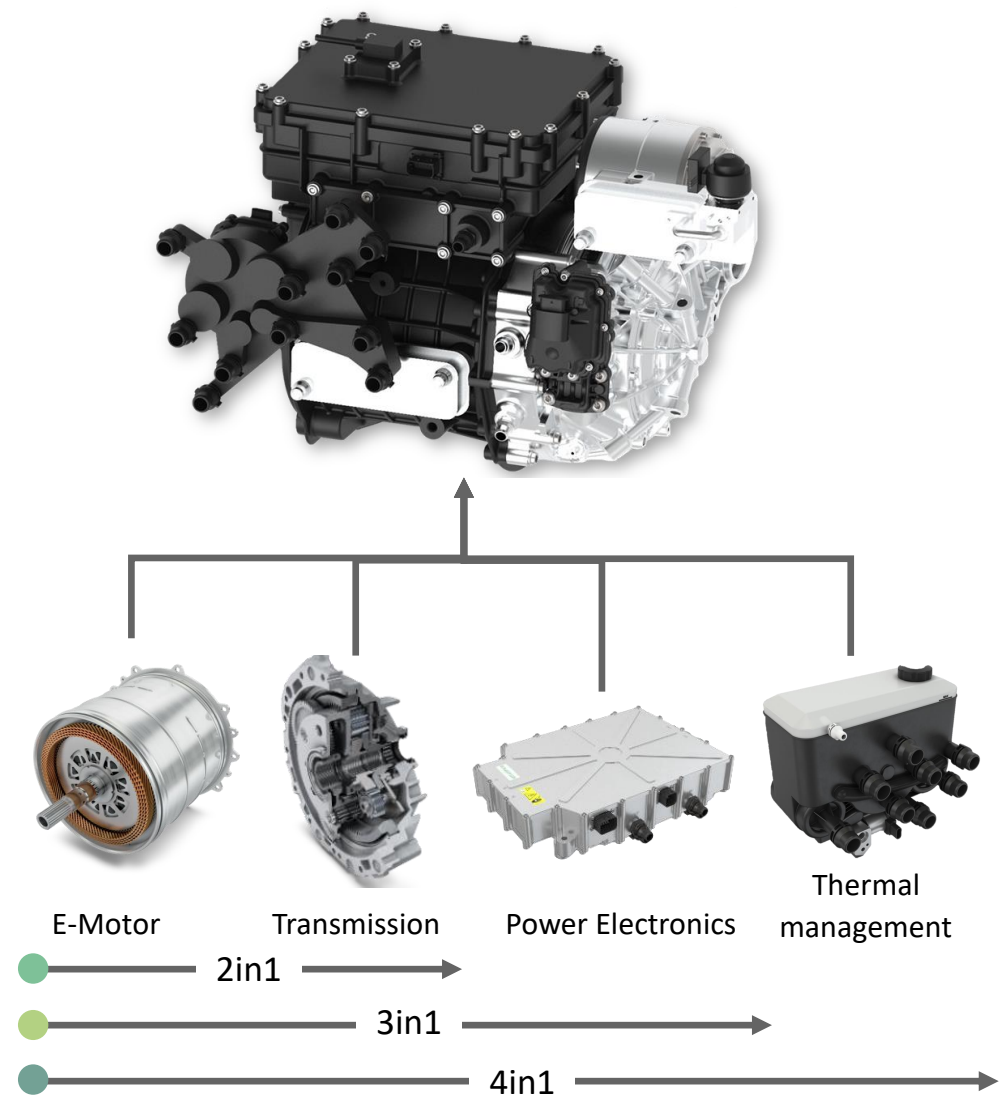
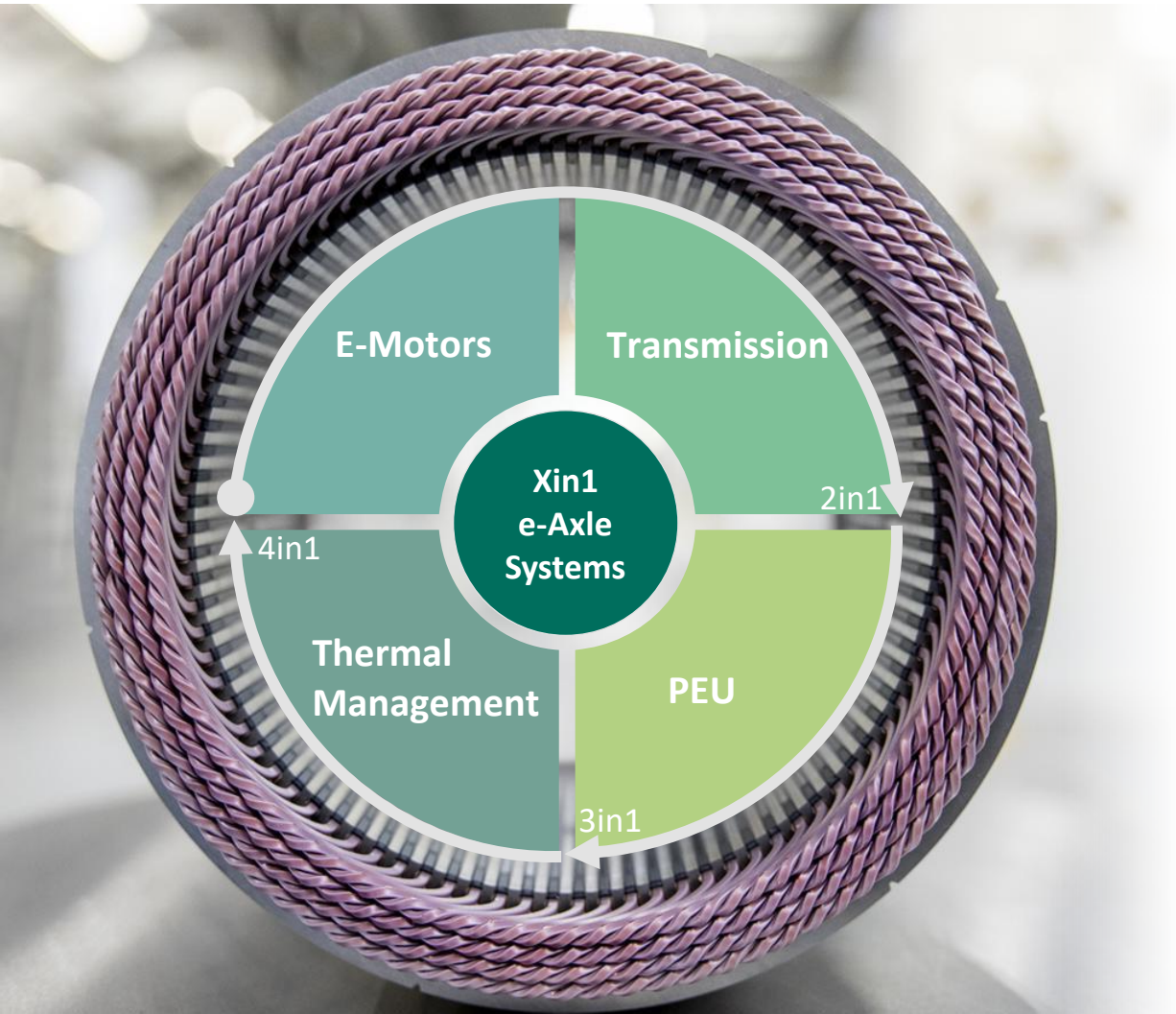


E-Mobility – Innovation & Technology: We pioneer motion

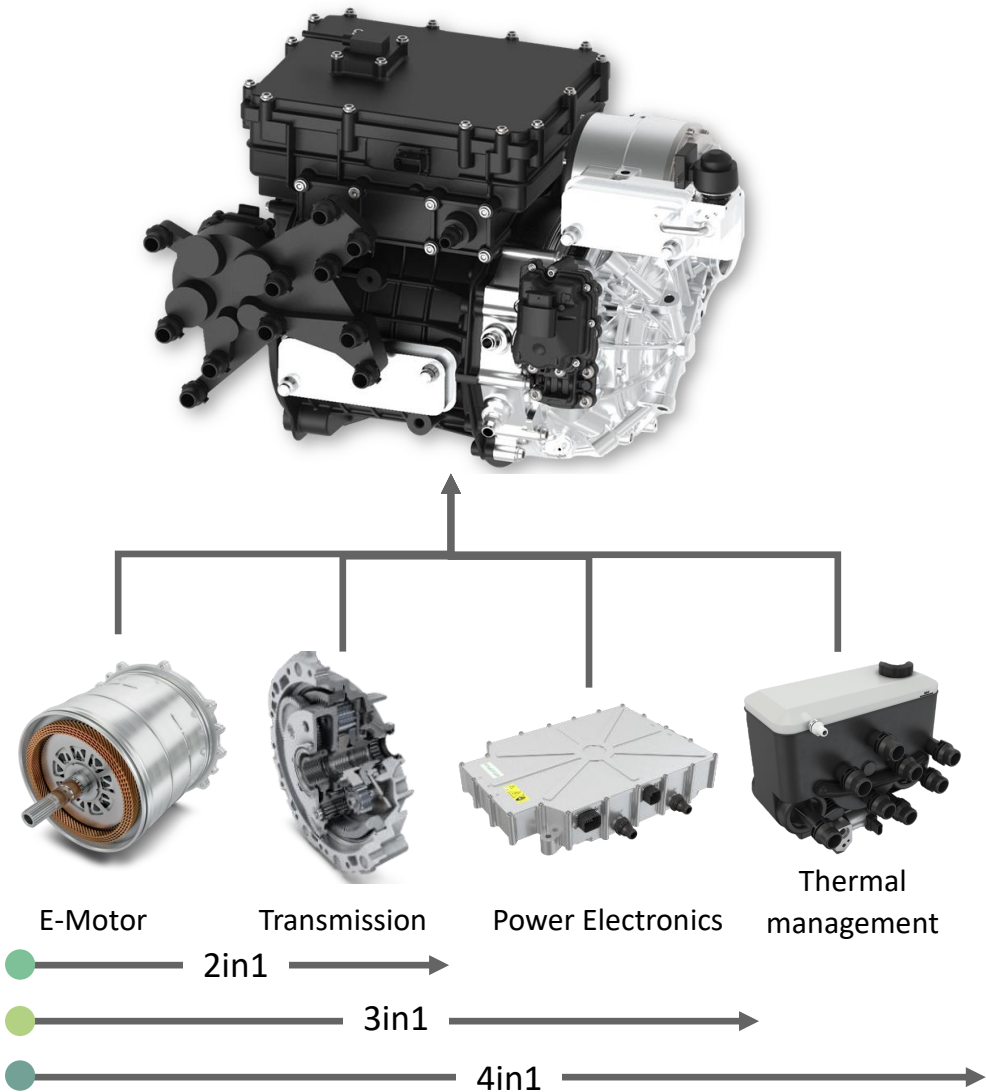


»» *It's just getting started*

E-Mobility – Unlimited innovation potential



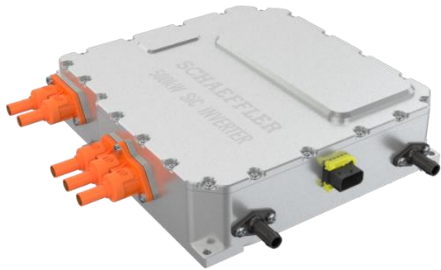
1 Schaeffler e-Axle – Performant, efficient and innovative



800-volt electrical system



Passenger Cars

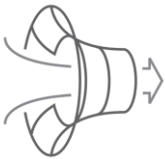


Commercial Vehicles

180 kW	Range of performance	500 kW
350 A	Phase current (Effective value)	700 A



1200 V SiC semiconductor technology

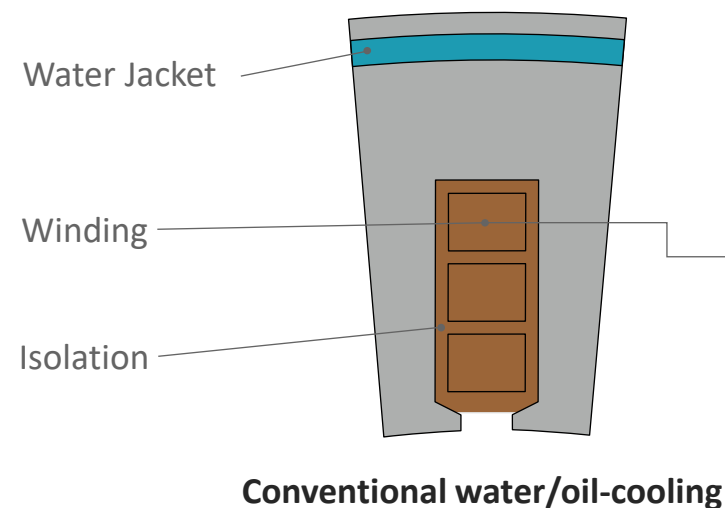
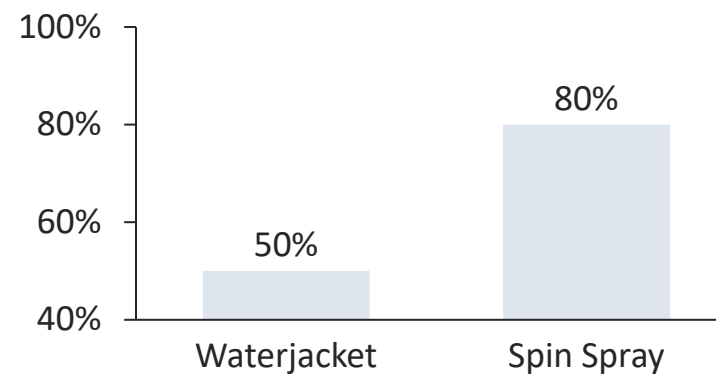
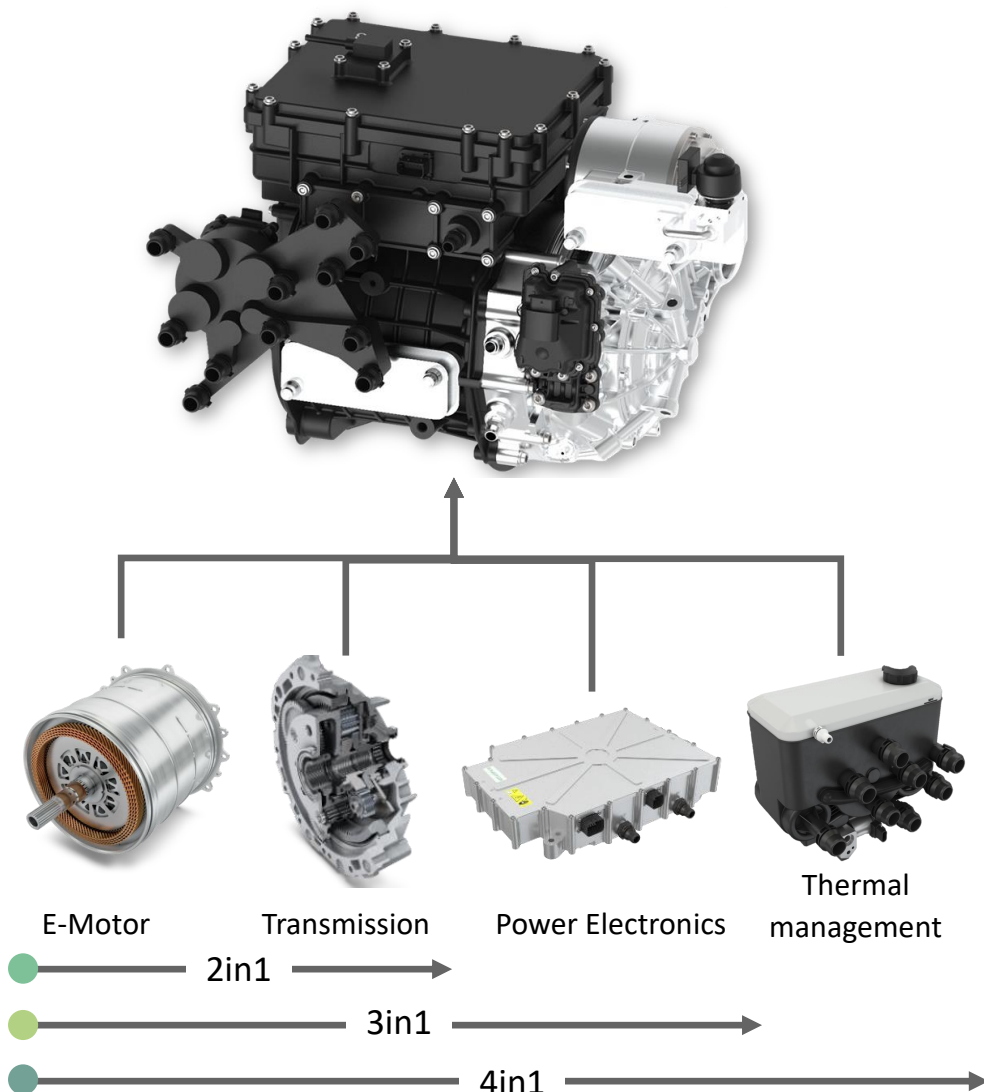


High power density up to 70 kW / litre

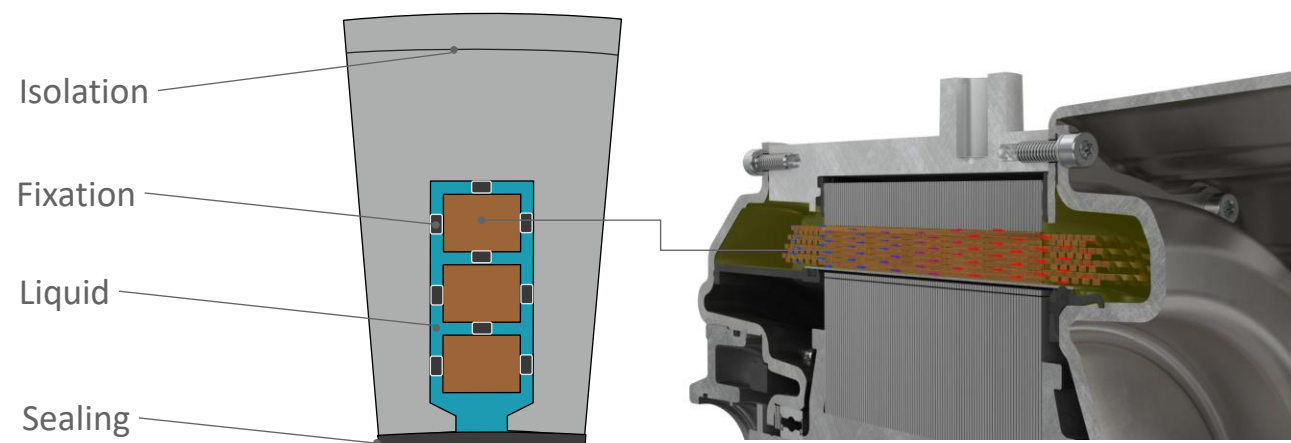
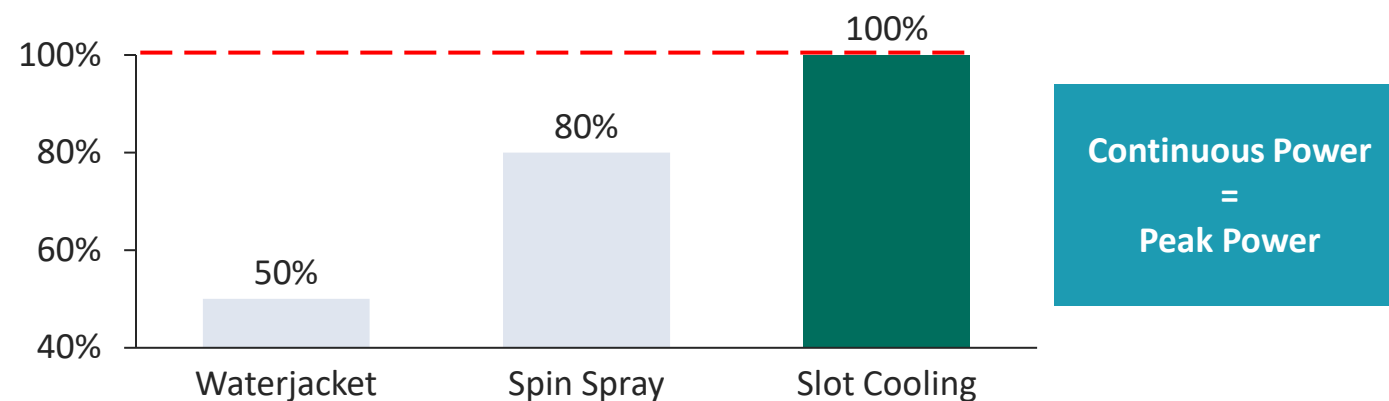
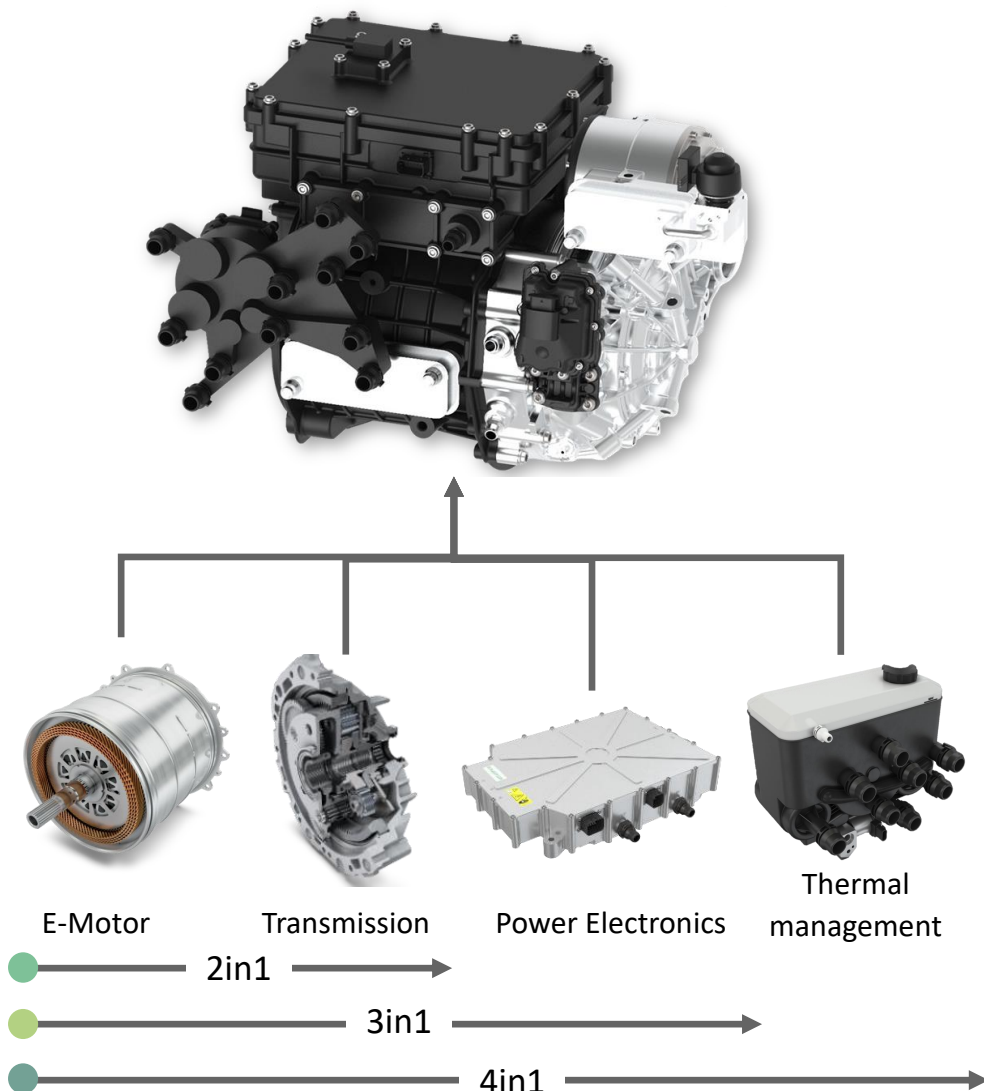


Efficiency reaches above 99%

2 Directly Injected Slot Cooling – Innovative Cooling Concept for better e-drives

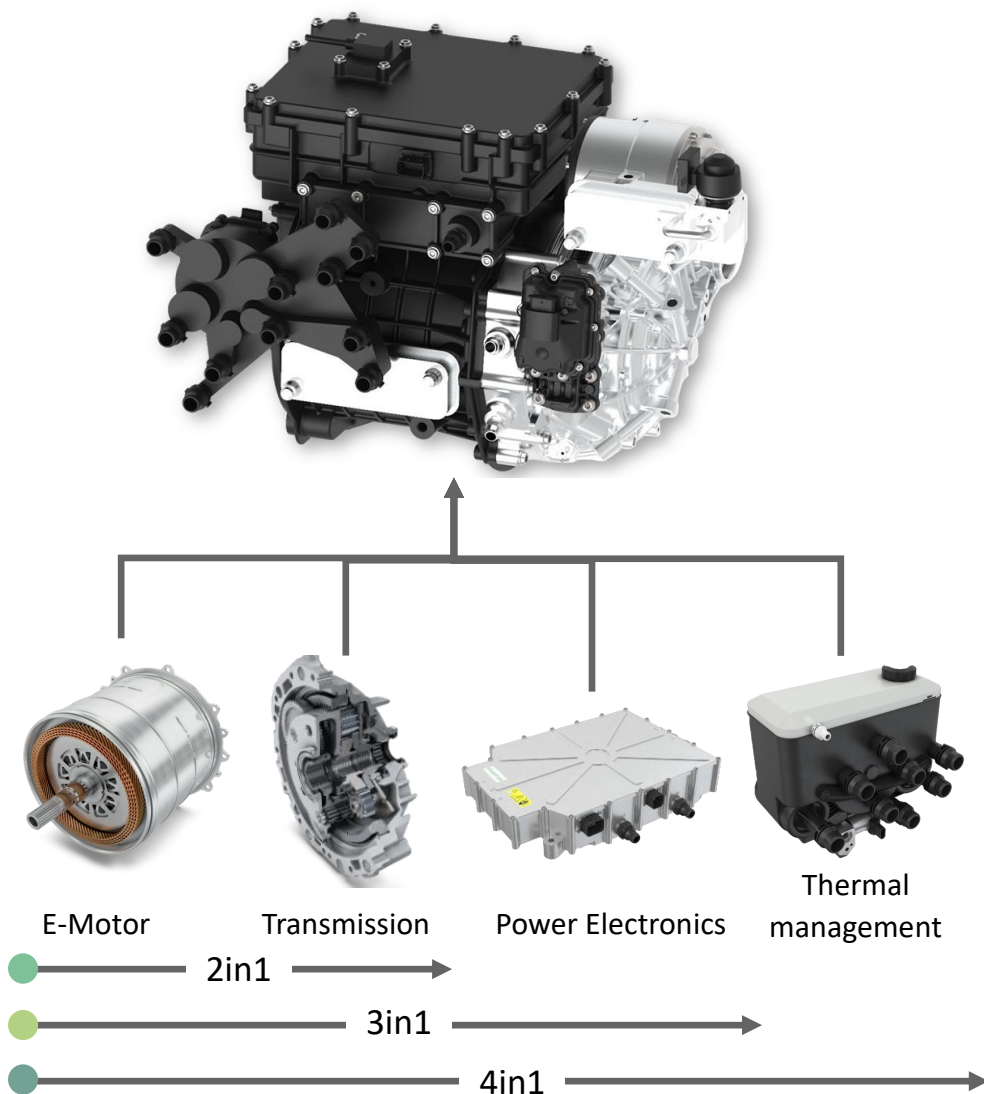


2 Directly Injected Slot Cooling – Innovative Cooling Concept for better e-drives



Directly Injected Slot Cooling

3 BEV Thermal Management – Higher Efficiency and Performance



Integrated Coolant System

Efficient
regulation

Volume flow
control

Extends Range
of BEV

Our Vision: Autonomous New Mobility

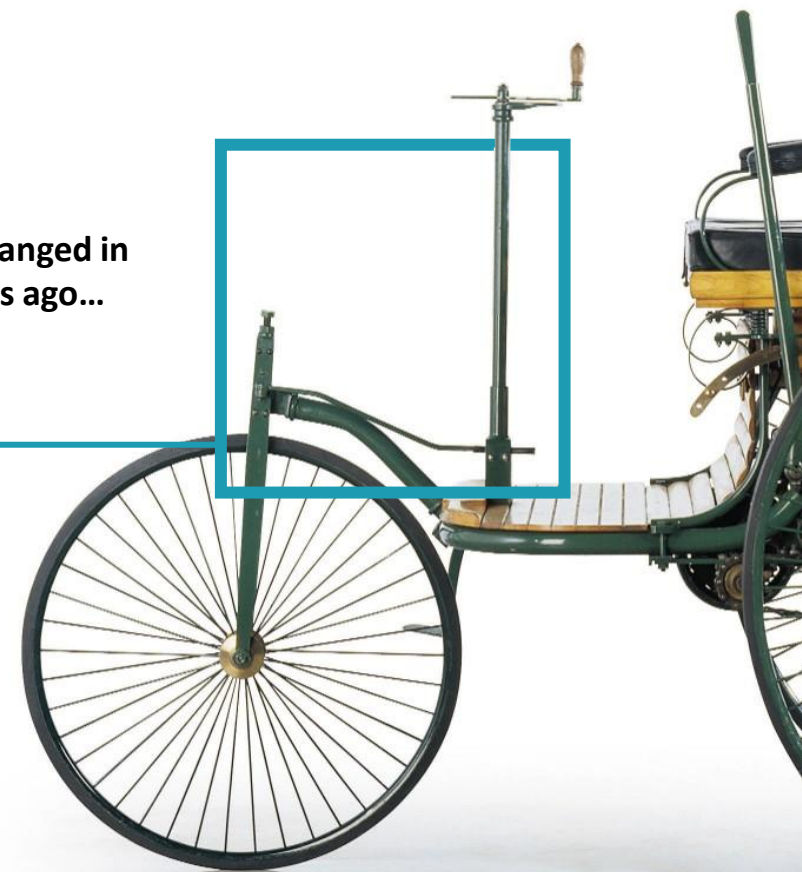


»» *What will move us next*

Our Vision: Autonomous New Mobility



Hardly anything has changed in steering since 135 years ago...

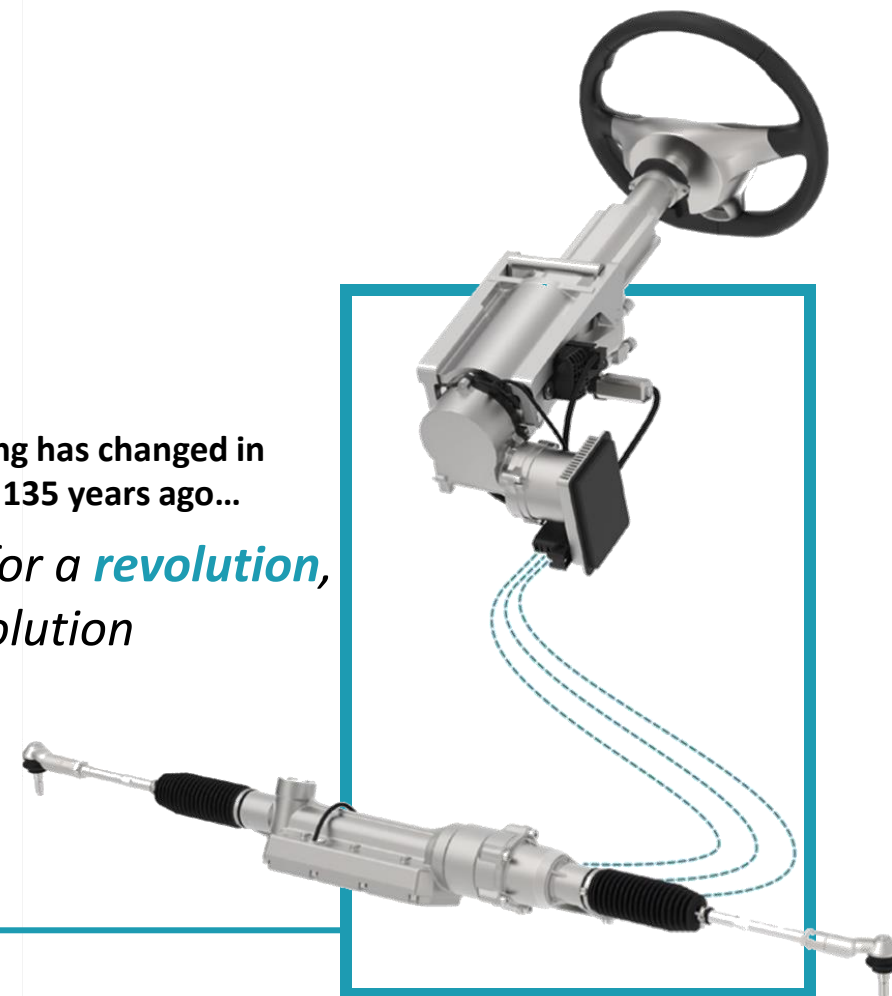


Our Vision: Autonomous New Mobility



Hardly anything has changed in steering since 135 years ago...

*It is time for a **revolution**, not an evolution*



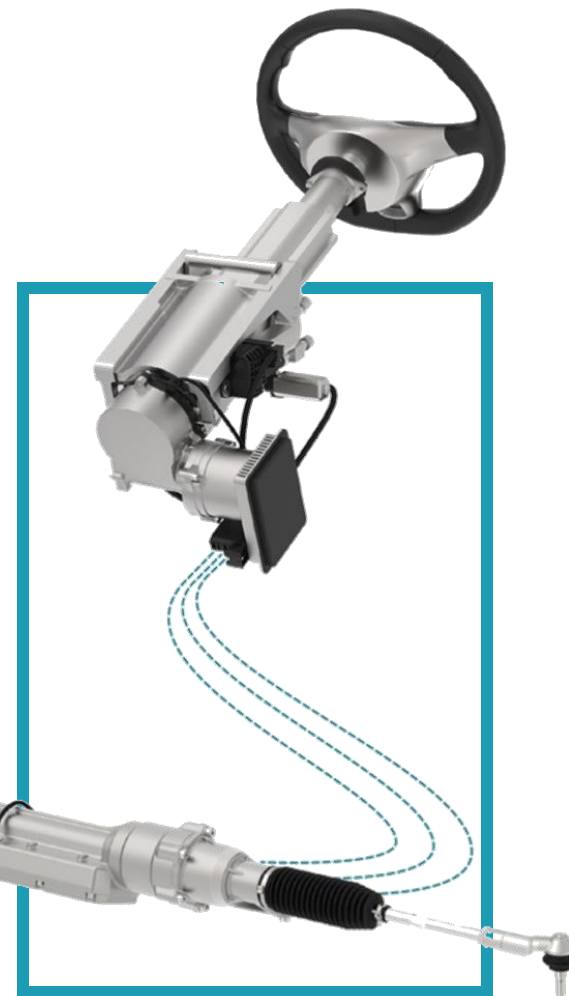
Our Vision: Autonomous New Mobility



**Stowable
Steering**

**> 1 billion km
without a single failure**

**> 9.000
systems in use
worldwide**



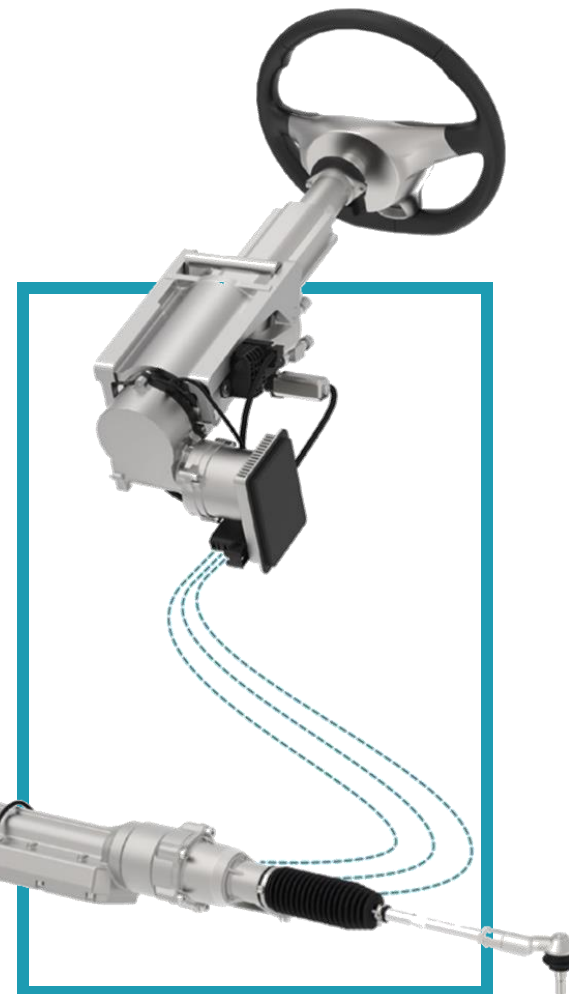
Our Vision: Autonomous New Mobility



**Stowable
Steering**

**> 1 billion km
without a single failure**

**> 9.000
systems in use
worldwide**



Our Vision: Autonomous New Mobility

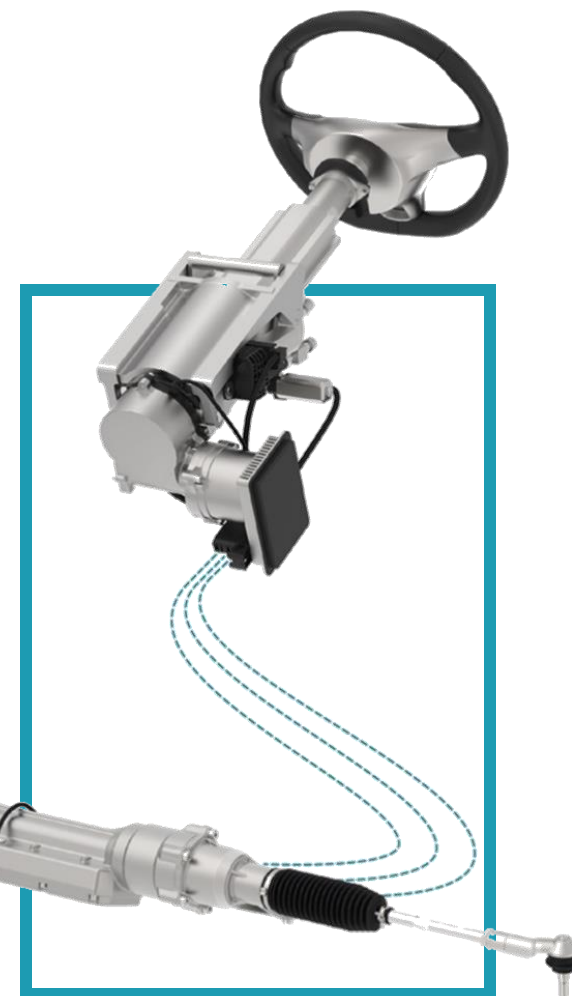


SCHAEFFLER

**Stowable
Steering**

**> 1 billion km
without a single failure**

**> 9.000
systems in use
worldwide**

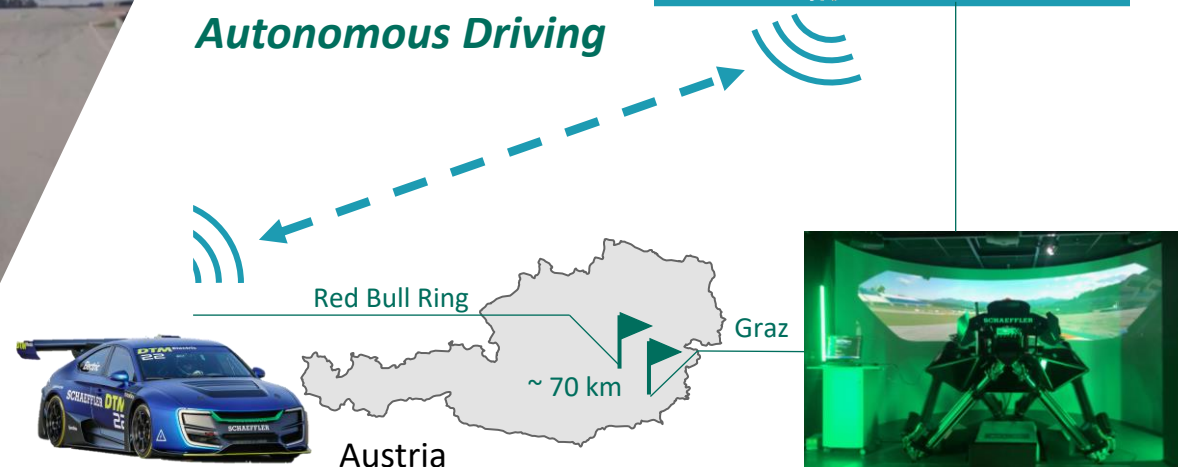


Our Vision: Autonomous New Mobility



And by the way:
We believe in a steering
revolution,
not an evolution

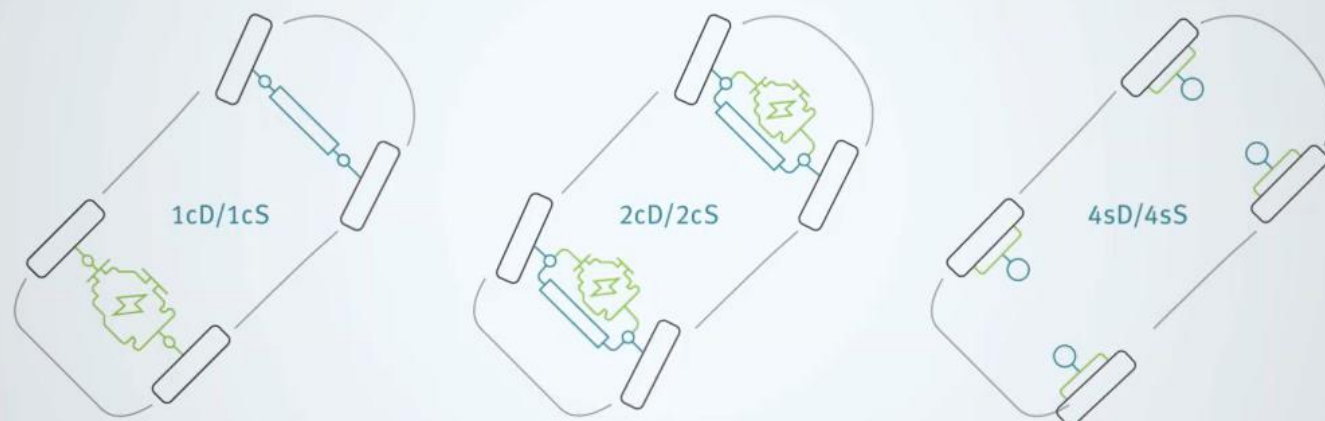
**X-by-Wire technology
is the enabler for
Autonomous Driving**



Our Vision: Autonomous New Mobility

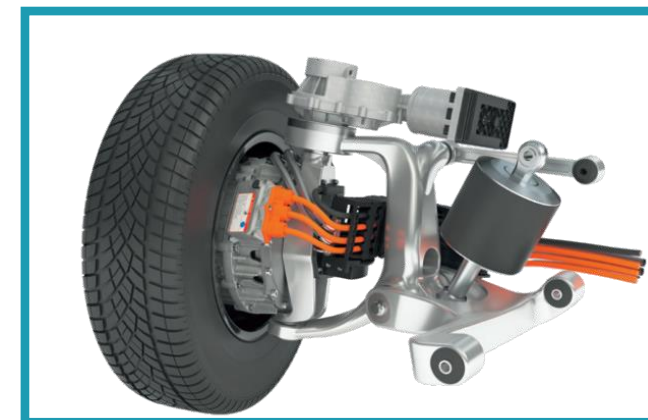


Rolling Chassis – Flexible Vehicle Topology



c: central, s: single, D: Driving, S: Steering

Our Vision:
Autonomous
New Mobility



Our Vision: Autonomous New Mobility: We pioneer motion

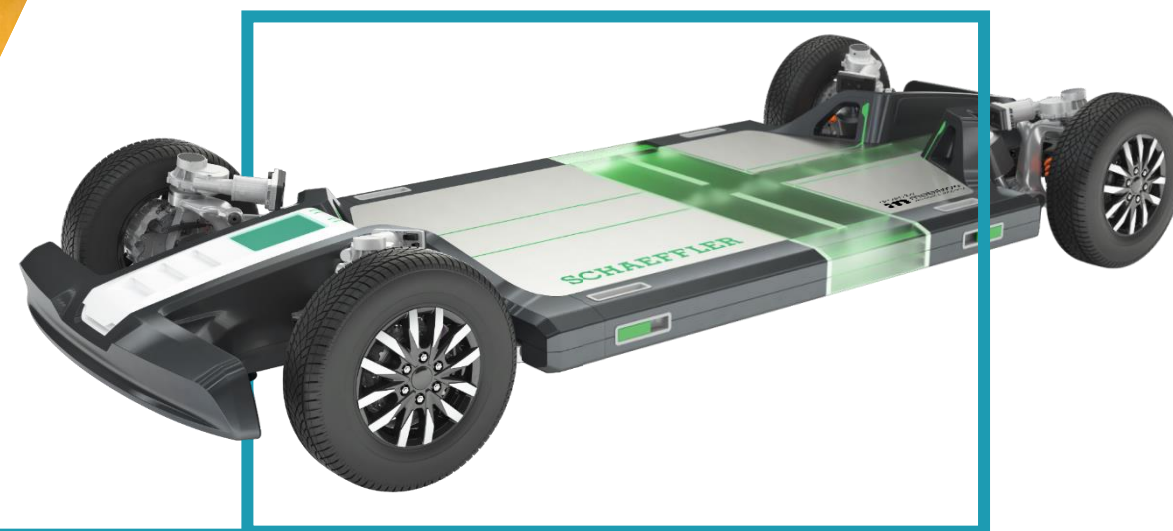


Flexible
Vehicle Topology

Schaeffler Chassis
Control Unit

Scalable
Platform

Conductive
Charging System



Happy to welcome you on our booths in Hall B3 and Hall B4 and..... take a Test Drive



»» *What will move us next*

Visit us at

»» *Schaeffler Booth Hall B3*

»» *Motorworld Booth Hall B4*



Start your Driving Experience at P8



Summary – Key messages

- Transformation in full swing, positioning Schaeffler for future opportunities.
- Recent reorganization strengthens focus on innovation and growth within E-mobility and Chassis systems.
- Innovation in E-mobility, such as 3in1 electric axle systems, thermal management and 800 V power electronics for maximum power density.
- Rolling Chassis as an innovative mobility concept for urban spaces; partnering with Mobileye.
- Hydrogen technology as key to a carbon-neutral future – from electrolyzers to fuel cells.
- Order book keeps showing good momentum.



**On Track to
Sustainable Mobility**

We pioneer motion