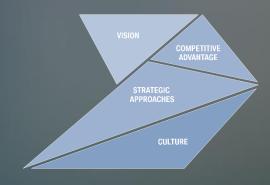


STRATEGY NUMBER ONE > NEXT CONTINUES THE SUCCESSFUL BUSINESS DEVELOPMENT AND CHARTS THE COURSE FOR AN INNOVATIVE FUTURE.

2007 2016







Strategy Number ONE

- BMW i
- EfficientDynamics
- Services

NUMBER ONE > NEXT

- Electrification as the new normal
- Autonomous driving
- Digitalization

AS A DRIVING FORCE OF INNOVATION, INEXT WILL SET NEW STANDARDS FOR THE MOBILITY OF THE FUTURE.

VISIONARY MOBILITY



BMW INEXT

Driving force of innovation.

iNEXT accelerates emotions



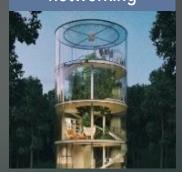
iNEXT simplifies driving

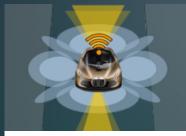


iNEXT improves experiences



iNext fosters networking





Highly automated / autonomous driving



Artificial intelligence



Connectivity



E-Mobility/ Lightweight construction

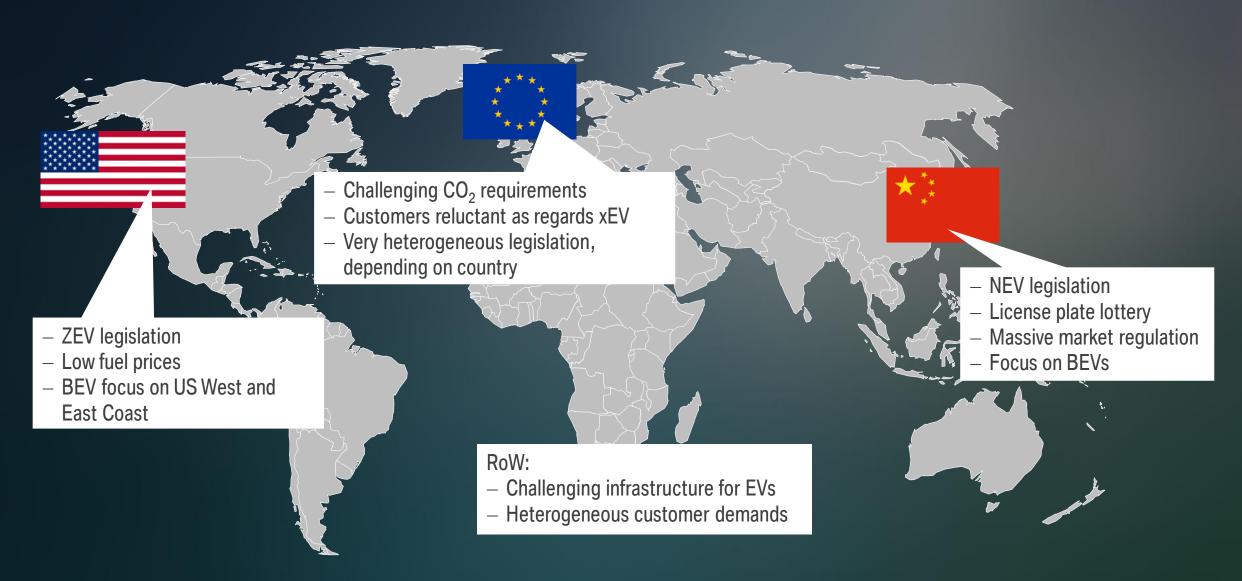


Design / Interior of the future

Strategic cooperation

1 DRIVE TECHNOLOGY

IN GLOBAL MARKETS WITH DIFFERING LEGISLATIVE, INFRASTRUCTURE AND CUSTOMER DEMANDS, FLEXIBILITY IS KEY.



OUR R&D ACTIVITIES ENSURE OUR TECHNOLOGICAL LEAD IN E-MOBILITY.

Gen 5 modular kit
PHEV & BEV
scalable from UKL to GKL

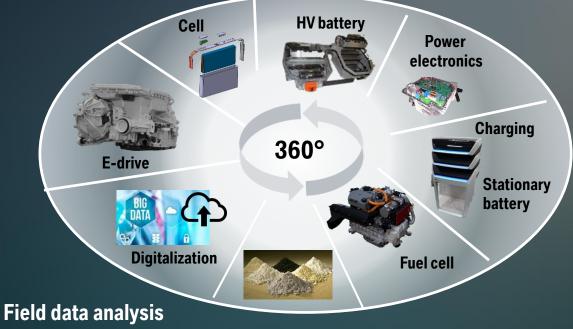
Technology project on battery technology
Product expertise for cells

Variants
HEAT, CCU, HVS
flat battery, cell formats

Performance leader HEAT XL 300 kW

Agile development methods faster & more efficient

Cost leader for BEV



ChargingQualification 800 V, 300 kW

New business segments
Stationary batteries

Early fault detection (diagnosis)

Ensuring supply of commodities and production capacities

Ensuring lead in innovationPatent initiative

FLEXIBLE MIX OF DIFFERENT DRIVE SYSTEMS THANKS TO THE PREPARATION OF VEHICLE ARCHITECTURES AND QUALIFICATION OF PLANTS TO HANDLE BOTH E-DRIVES AND COMBUSTION ENGINES.





- Suitable for large volumes
- Emotional
- Range up to 700 km (WLTP)



Plug-in hybrid

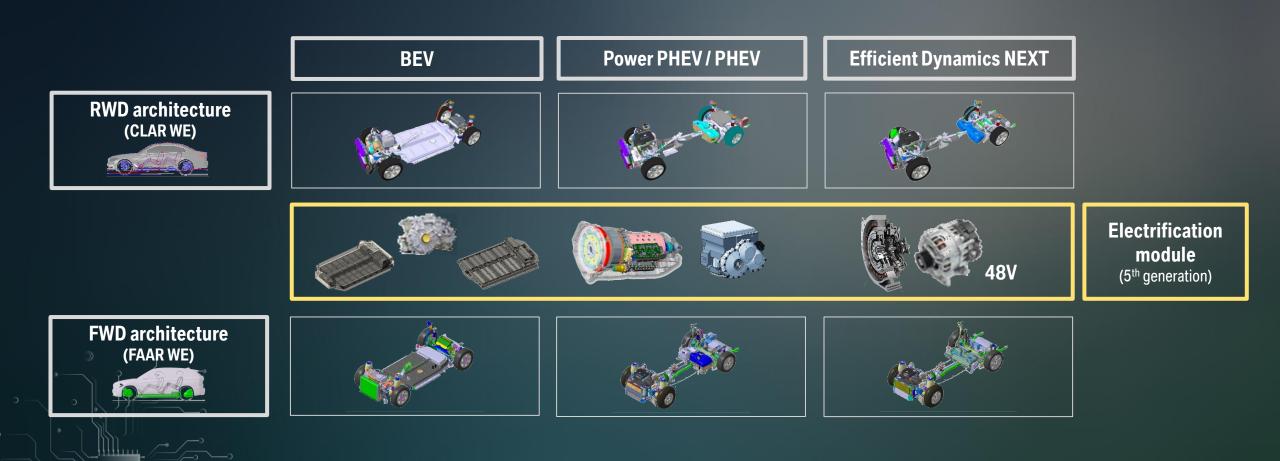
- Power PHEV (>> 100 kw)
- Range up to 100 km (WLTP)



Combustion engine

- 48 V
- Leading in terms of CO₂ and other emissions

THANKS TO THE ELECTRIFICATION OF ARCHITECTURES AND THE SCALABLE E-MODULE, THE BMW GROUP HAS THE FULL ABILITY TO ACT.



THE BMW GROUP'S ELECTRIFIED MODEL RANGE IS ON TARGET WHEN IT COMES ON LINE-UP AND SALES.



2 AUTONOMOUS DRIVING & ARTIFICIAL INTELLIGENCE

FIRST AUTOMATED DRIVING IDEAS CONTINUOUSLY DEVELOPED - STARTING MORE THAN TEN YEARS AGO.





Highly automated driving at the limits of vehicle dynamics (2014).



Remote Controlled Parking (2008).



Fully automated remote valet parking (2015).



Emergency stop assistant (2009).



Highly automated driving Munich to Geneva (2016).



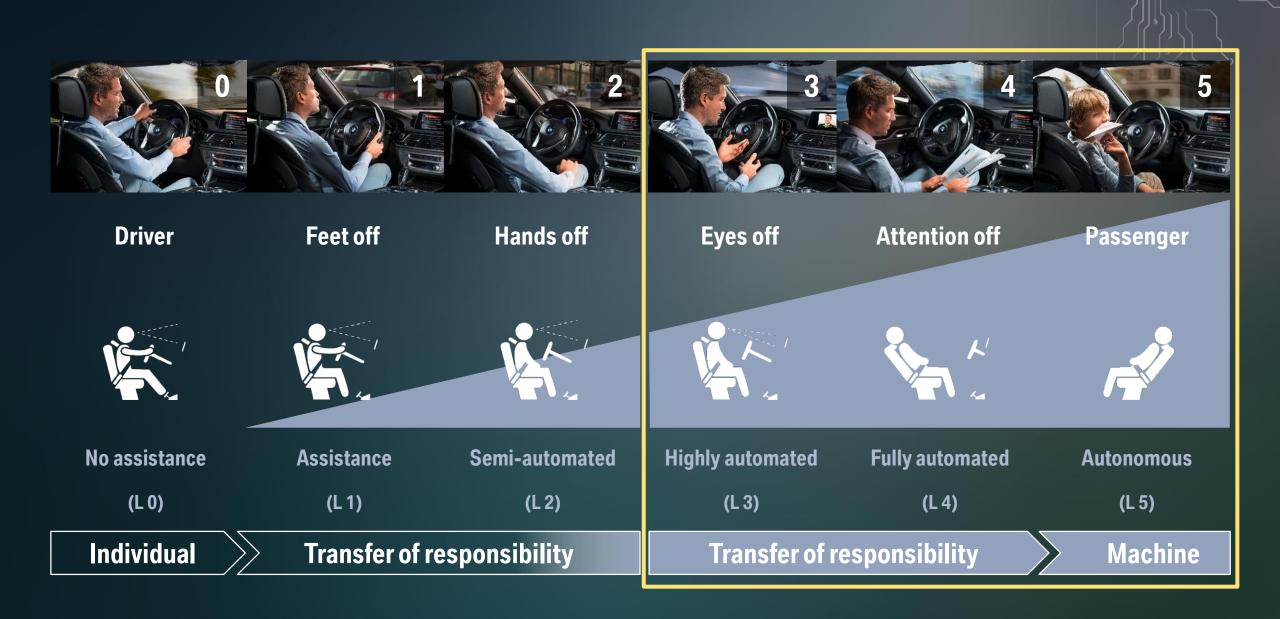
Highly automated driving on the motorway (Gen1: 2011; Gen2: 2014)



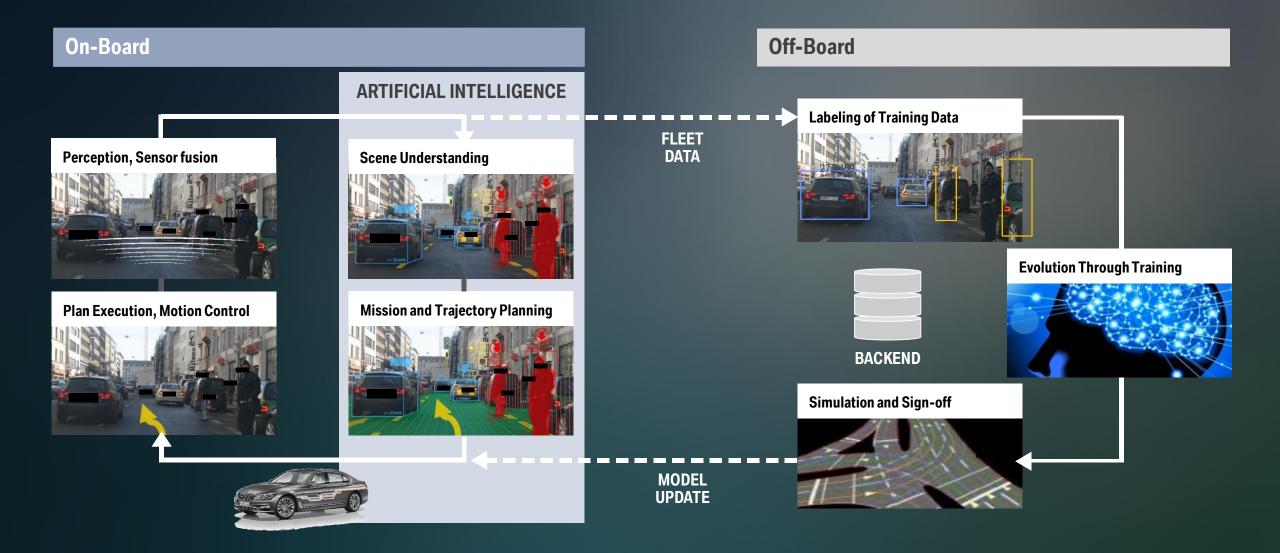
Test fleet up and running (2017).



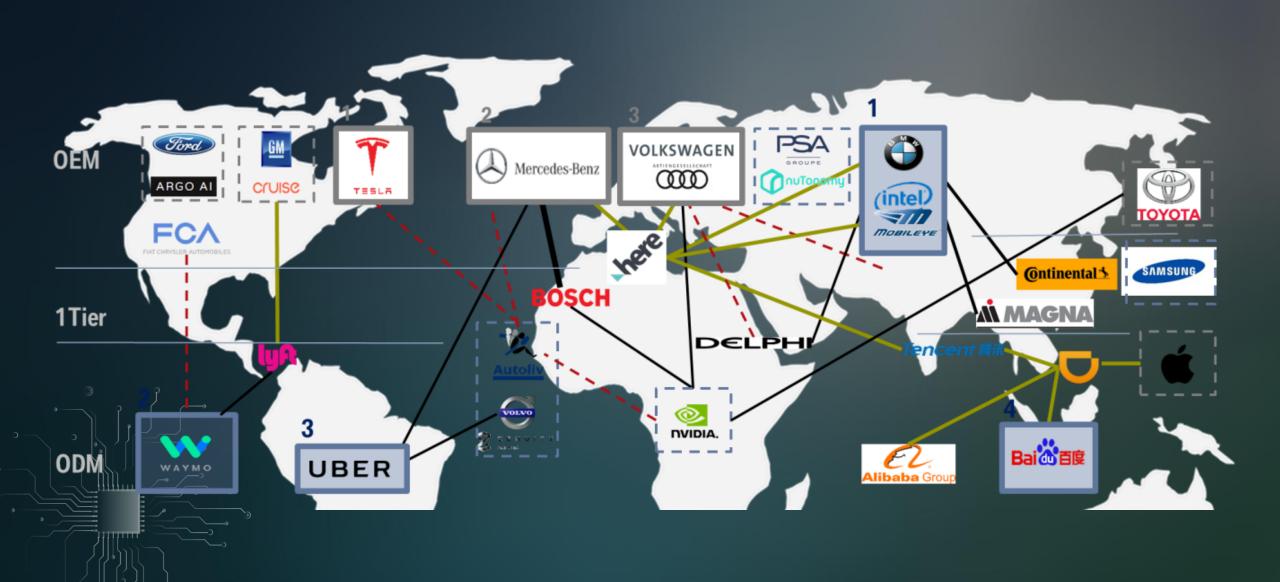
HIGH COMPLEXITY OF AUTONOMOUS DRIVING.



SENSOR FUSION, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING MAKE TARGET-ORIENTED ENVIRONMENT MODELS POSSIBLE.



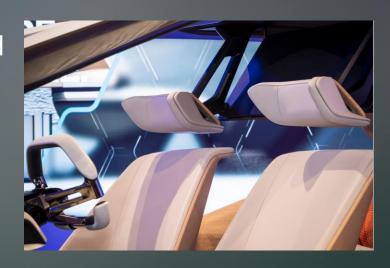
TECHNOLOGY DEVELOPMENT OF AUTONOMOUS DRIVING: VARIOUS PLAYERS CONSOLIDATE INTO 14 TECH STACKS AND FORM NETWORKS.



NEW SOLUTIONS FOR INTERIORS THROUGH DIGITALIZATION AND AUTONOMUS DRIVING.



- Living environment seamless integrated
- Operation intelligent, personalized and intuitive
- Retreat with new ways of communication
- Room for new usecases









THANK YOU FOR YOUR ATTENTION.

