

DAIMLER

Project Scenery in the Project House e-drive

Project Objectives

- Increasing Efficiency
- Enhancing Performance
- Automotive Capability
- Reliability
- Safety
- Profitability



Promoting Innovation – Bringing Together Brilliant Minds

Projekthaus e-drive

Systems Complexity

System Projects

- Electric Vehicle Prototype
- Electric Propulsion Concepts (Battery + Electric Motor + Power Electronics + Transmission)
- Vehicle Driving Strategy
- Safety of Electric/Electronic Architectures

Component Projects

- Battery Cells
- Electric Motors
- Converter Concepts
- Hybrid Vehicle Launch and Transmission Components

Fundamental Research

- New Storage Materials
- Materials for Electric Motors
- Propulsion Control Methods
- Principles of Safety of Electric/ Electronic Architectures

Vehicle Development

www.projekthaus-e-drive.kit.edu