



Federal Ministry
of Education
and Research



Research for autonomous electric driving

From Assistance Systems to Fully Automated



Until 2014: Funding of joint projects on automotive sensors and electronics, Human-Machine-Interface and communication technologies
Example: „Radar on Chip for Cars“, nominated for the the “Deutscher Zukunftspreis”, the German President's Award for Innovation in Science and Technology.

The International Motor Show IAA 2015

Announcement of the BMBF-research agenda
Automated Driving with focus on:

- **Electronic systems,**
- **human-technology interaction and**
- **IT security,**

supported by up to 60 million euros



BMBF – Research Agenda Automated Driving



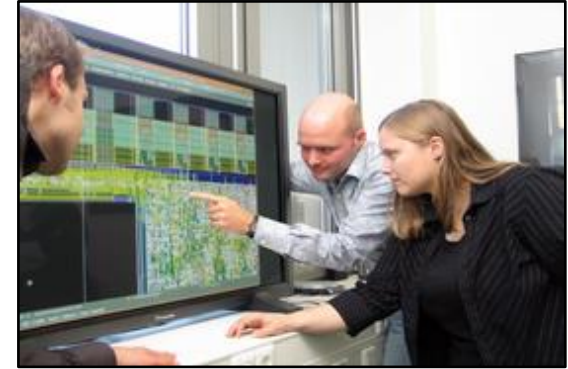
Division 523
Electronics;
Autonomous Electric Driving

Head of Division:
Dr. Stefan Mengel
Herrmann Riehl



Division 524
Human-Machine Interaction

Head of Division:
Anette Eickmeyer-Hehn



Division 525
Communication Systems;
IT Security

Head of Division:
Dr. Ulf Lange

BMBF – Research Agenda Automated Driving

523 - Electronics, Autonomous electric driving



524 - Human-Machine Interaction



525 - Communication Systems; IT Security



Disruptive Vehicle Concepts for Autonomous Electric Mobility (Auto-Dis)

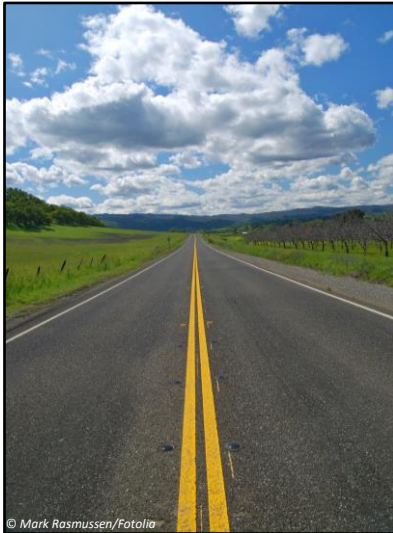
- Development and implementation of an **electrically driven & driverless vehicle concept for urban use**
- **significant increase in innovation** compared to the state of the art of automated vehicles
- Consortium management through **universities** and / or **research facilities**
- Participation by industry is possible, provided that the open character of the project remains clearly identifiable.
- Demonstration of **two urban use Cases**



Picture: Volkswagen



Mobility and Social Importance



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Reduce emissions and enable sustainable mobility



© Daimler AG

Make new mobility solutions reliable, accident-free and cybersafe



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Improve quality of life with usable mobility solutions –



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ECSEL Joint Undertaking

Electronic Components and Systems for European Leadership



EUREKA **CLUSTER**



Micro and Nano
electronic technologies
and applications



Federal Ministry
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