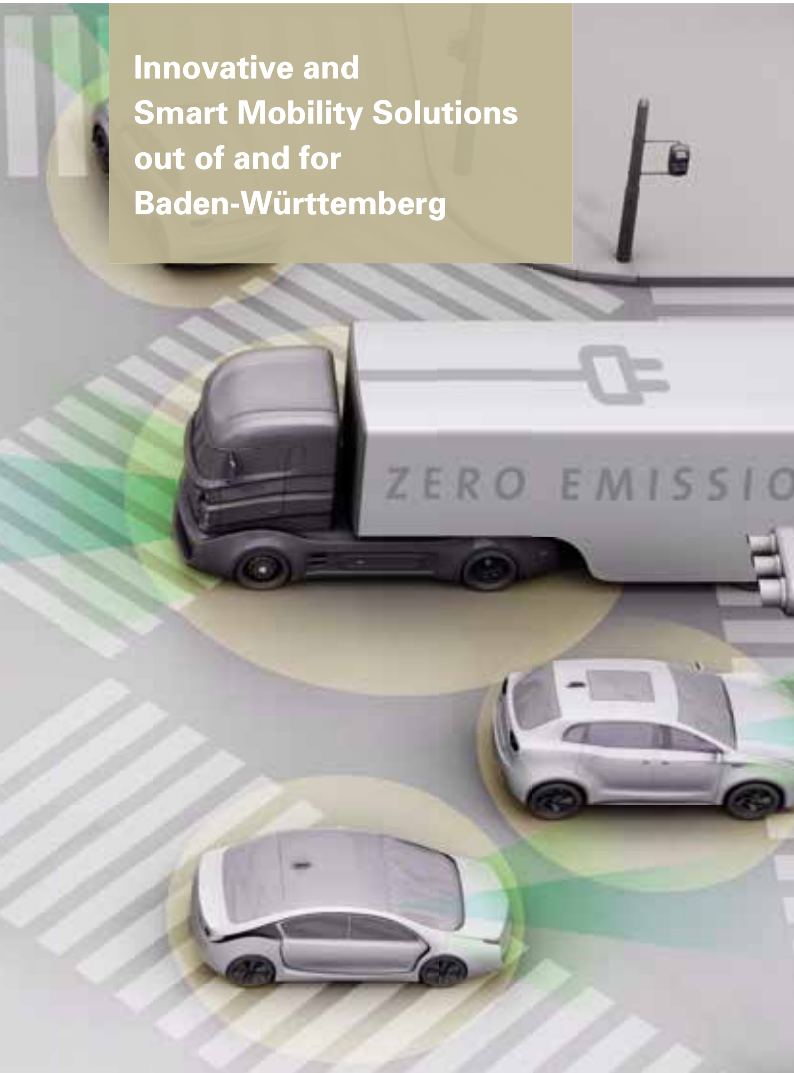




working group:
intelligent move

Innovative and
Smart Mobility Solutions
out of and for
Baden-Württemberg



e-mobil BW 

State Agency for New Mobility Solutions
and Automotive Baden-Württemberg

We are Working for the Smart Mobility of the Future

The Cluster Electric Mobility South-West is without doubt one of the most important regional organisations for the mobility of the future. It compiles the competences of industry, science and politics – thus shaping the transformation of the mobility system. The Working group: Intelligent move within the Cluster Electric Mobility South-West is organised by the State Agency for New Mobility Solutions and Automotive Baden-Württemberg e-mobil BW. We are always available for your questions.

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State Agency for New Mobility Solutions
and Automotive Baden-Württemberg

Automated. Connected. Electrified.

Automated and connected driving is increasingly becoming a reality. The single automobile turns into a communicating element which interacts with its surroundings through the Internet, sensors and cameras. Digital transformation opens many opportunities; however, it also presents a fundamental new challenge for industry, society and politics. The Working group: Intelligent move of the Cluster Electric Mobility South-West addresses the issues of information and communication technology (ICT) of the new mobility in a targeted way. The aim is a thorough analysis of the potential provided by connected and automated mobility solutions in combination with new forms of power trains. Projects are to be initiated in close dialogue with the political sphere to identify suitable framework conditions in which the technology can be brought to develop its most positive effect.

The State Agency for New Mobility Solutions and Automotive Baden-Württemberg e-mobil BW is in charge of coordinating the Working group: Intelligent move within the Cluster Electric Mobility South-West.



Shaping the Digital Revolution of Mobility

The working group envisions the future of mobility as safe traffic running on practically all routes in a sustainable and automated mode. The Working group: Intelligent move looks into the ICT of the new mobility in the following areas:

- Embedded Systems
- Car2Car Communication
- Car2X Communication
- Smart Grid Integration
- Intermodality
- Human Machine Interface
- Artificial Intelligence in Mobility

Pushing Innovation Together

The partners in the Working group: Intelligent move meet at regular intervals, at least four times a year. During the meetings, matters of technological, economic, legal and social importance are discussed; road maps established and project ideas thrown out. Thus, by initiative of the working group, the study 'Automated. Connected. Electrified. – Potential of Innovative Mobility Solutions for Baden-Württemberg' was designed. In October of 2015, the Working group: Intelligent move presented the position paper 'Automated. Connected. Electrified. – Test Regions in Baden-Württemberg', which served as the basis for a tendering process for the test field 'Autonomous Driving Baden-Württemberg'.

Strong Partners

The following partners are currently committed in the Working group: Intelligent move of the Cluster Electric Mobility South-West:

BridgingIT GmbH | Continental Aftermarket GmbH | CTC cartech company GmbH | Daimler AG | Dr. Ing. h.c.F. Porsche AG | Forschungsinstitut für Kraftfahrwesen und Fahrzeugmotoren Stuttgart (FKFS) | Forschungszentrum Informatik (FZI) | Fraunhofer Gesellschaft (FHG - IAO) | Hochschule Esslingen | Hochschule Heilbronn | IBM Deutschland GmbH | Karlsruher Institut für Technologie (KIT-FAST, KIT-IfV, KIT-IPEK) | PTV AG | RA Consulting GmbH | Robert Bosch GmbH | Schaeffler Technologies AG & Co. KG (SHARE am KIT) | Universität Ulm (Institut für Mess-, Regel- und Mikrotechnik) | ZF Friedrichshafen AG