



working group:
commercial vehicles

Smart E-Mobility Solutions for Commercial Vehicles



e-mobil ^{BW}

State Agency for New Mobility Solutions
and Automotive Baden-Württemberg

Benefit from Our Working Group

The Working group: Commercial vehicles within the Clusters Electric Mobility South-West and Fuel Cell BW is a cross-network initiative offering an **innovation platform on all topics regarding commercial vehicles** in Baden-Württemberg. We are also closely connected to all other relevant networks for commercial vehicles.

The Working group is organised by the State Agency for New Mobility Solutions and Automotive Baden-Württemberg e-mobil BW GmbH and the Institute for Vehicle Systems Technology (FAST) at the KIT – Karlsruhe Institute for Technology. We are at your disposal for any questions.

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Smart E-Mobility
Solutions for
Commercial Vehicles



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With Zero-Emission into the Future

Application and continued development of low-emission, electrified mobility solution becomes of utmost importance also for the commercial vehicle segment. The reasons are varied: international and national agreements such as the Paris climate protocol or the German climate protection plan stipulate that traffic generated CO₂ emissions have to be reduced by 90 percent by 2050 on the basis of the 1990 emission. On the other hand, local clean-air regulations in large cities, noise and work protection measures as well as considerations of economy are promoting electrification of commercial vehicles.

In order to find a common approach for these challenges, the Working group: Commercial vehicles was formed out of the Clusters Electric Mobility South-West and Fuel Cell BW. It welcomes other partners as well.



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From Bus to Machinery

The Working group: Commercial vehicles focuses on the full range of the CV segment – from public transport buses and trucks, lorries and vans to mobile machinery - all sorts of applications are taken into account which show a potential for electrification.

The Working group: Commercial vehicles emphasises the design of complete electric vehicles and research of new components as well as the modelling of matching operational sequences or auxiliary units. Another central issue is the adaptation of vehicle concepts to different application cases and specific areas of application.

Pushing Innovations

The targets of the working group are a follows

- Developing project ideas,
- Match partners for joint research projects as well as
- Launching projects for industrialisation and process innovation.

A great opportunity especially for small and medium-sized enterprises to benefit from the networking and establish know how for their strategic work.

Our Topics

Owing to the large scope of vehicles, the Working group: Commercial vehicles has created the following sub-groups to work on the topics of

- Buses
- Distribution traffic
- Mobile and communal machinery
- Vehicles in enclosed spaces

