

CLUSTERS: PITCHING COLLABORATION PROJECT IDEAS

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Cluster Electric Mobility South-West

#SingleMarket30

Initiatives of e-mobil BW



Cluster Electric Mobility South-West

Strong partners for the industrialisation of electric mobility



200 members

from the mobility environment in Baden-Württemberg



&

30 partners

Network connecting business, science and the public sector

R&D projects for the industrialisation of electric mobility

Knowledge transfer with seminars and studies

Internationalisation through projects, match-making and delegation trips

Competence Guide:

Bundeld Expertise from

Baden-Württemberg

**ERFAHREN SIE MEHR ÜBER
UNSER NETZWERK!**



Cluster Electric Mobility South-West

Innovations in four strategic sectors



Vehicle

- modular & autonomous vehicle concepts
- innovative thermal management solutions
- diagnostics & maintenance
- battery, e-motor



Energy

- bidirectional charging
- innovative energy systems
- charging infrastructure for battery-electric trucks



Digitalisation

- digitalisation and automatisisation in production
- AI
- cybersecurity



Production

- increasing efficiency in manufacturing
- design and production concepts
- circular economy & recycling

knowledge transfer

training and continuing education

internationalisation

Current projects of Cluster ESW



Energy 07/2022 - 12/2022

VorPiLaTes

The aim of the project network is a model filling station for high-performance fast charging as well as for the refuelling of hydrogen for battery-electric and fuel cell trucks at a suitable location in Baden-Württemberg



Vehicle 10/2019 - 12/2024

U-Shift

U-Shift is a modular vehicle concept. The drive module can be used in combination with different capsule types to transport both passengers and goods.



Production 11/2021 - 11/2024

AgiloDrive2

Agile and digitalised production system with modular product components for innovative electric motors.



ICT 08/2021 - 07/2024

Software-defined Car

The aim of the project is the development and prototypical implementation of an architecture in order to enable continuous data exchange between car and backend.



ICT 02/2021 - 12/2023

KIsSME

Artificial Intelligence for selective near-real-time recordings of scenario and manoeuvre data in testing highly automated vehicles.



ICT 09/2018 - 09/2022

LionAid

Advanced Intelligent Diagnosis of Lithium-Ion Batteries.

Focus Project: Qualification on batteries



Qualification of the battery ecosystem in Baden-Württemberg - QualiBattBW



Project Profile

- 7.127.581 Euro funding by the Federal Ministry for Economic Affairs and Climate Action
- Project duration: 01.04.2023 – 31.03.2028
- Project partners:

elektromobilität
süd-west



Goals

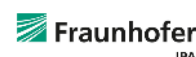
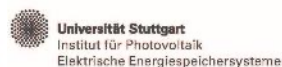
- Establishment of an excellent and sufficiently large base of skilled workers along the battery value chain in Baden-Württemberg
- Identification of qualification needs with the involvement of industry
- Development of modular qualification modules
- Teaching of the qualification modules with innovative learning methods to SME employees and further development of the modules through testing
- Support with a tailored consulting concept and series of events



Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages



We are looking for cooperation!

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