

# zulieferertag automobilwirtschaft BW

10 October 2024

Neckar Forum Esslingen

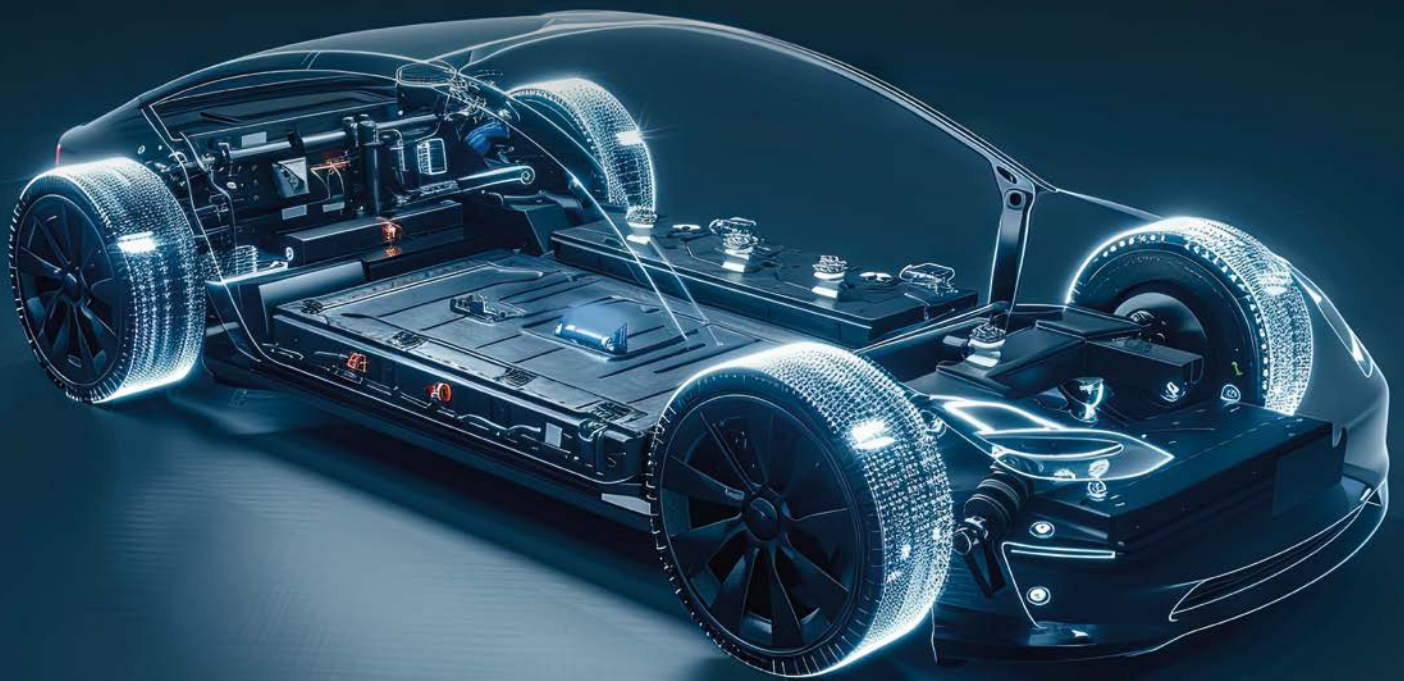


Baden-Württemberg  
Ministerium für Wirtschaft,  
Arbeit und Tourismus



strategic dialogue  
automotive sector BW

e-mobil  BW



# Welcome



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The automotive industry is facing far-reaching challenges on a global scale and within a short time span. Particularly, the topics of digitalization, artificial intelligence, production automation, and the distributed footprints of companies worldwide influence competition. Excess capacities of vehicles, parts and components lead to fierce competition regarding prices. International climate protection regulations additionally drive the shift towards drives using renewable forms of energy. In vehicle construction, there lies great potential in the electrification of the drivetrain, which is currently one of the most important growth areas in the European and international markets.

With this in mind, the question is how small and medium-sized suppliers from Baden-Württemberg, in particular, can use these dynamic changes in the markets for their own benefit. This year's Automotive Suppliers Day Baden-Württemberg, therefore, has its focus on the components of the electric drivetrain and presents innovations in research and development.

The flexible and digitalized production of electric motors and batteries offers important starting points. New value creation steps, such as state-of-the-art recycling processes, open up more opportunities. The human-machine interface has seen rapid changes with the rise of artificial intelligence. The packaging within the vehicles requires completely new design concepts.

It is the people in the companies who are the decisive factors for success and growth. Therefore, not only the recruitment of skilled workers but also their qualification are key issues for the future. Important transformation and qualification alliances will present their current projects, trends, and measures at Automotive Suppliers Day Baden-Württemberg that can be beneficial for all participants.

Together with innovative companies, associations and partners, Automotive Suppliers Day Baden-Württemberg 2024 will showcase up-to-date concepts and ideas for the design of future-oriented products and processes.

Use this event as a platform for professional exchange within the network. Bring colleagues along and share the agenda in your communities so that as many suppliers from Baden-Württemberg as possible can gain valuable insights that they can use in their own efforts to shape the future of mobility.

The annual event is organized by the Baden-Württemberg Ministry of Economic Affairs, Labour and Tourism and the State Agency for New Mobility Solutions and Automotive, e-mobil BW, as part of the Strategic Dialogue for the Automotive Sector in Baden-Württemberg.

We look forward to welcoming you at Neckar Forum Esslingen.

**Dr. Nicole Hoffmeister-Kraut, Member of the State Parliament  
Minister of Economic Affairs, Labour and Tourism Baden-Württemberg**

**Franz Loogen  
Managing Director of the State Agency for New Mobility Solutions and  
Automotive Baden-Württemberg – e-mobil BW GmbH**

# Programme

- Moderation:** Saskia Schüttke, e-mobil BW GmbH – State Agency for New Mobility Solutions and Automotive Baden-Württemberg
- 08:30 am Admission**
- 09:00 am Opening**  
Dr. Nicole Hoffmeister-Kraut, Member of the State Parliament  
Minister of Economic Affairs, Labour and Tourism of the State of Baden-Württemberg  
Franz Loogen, Managing Director, e-mobil BW GmbH – State Agency for New Mobility Solutions and Automotive Baden-Württemberg
- 09:30 am Supplier industry in transformation – challenges and opportunities from the perspective of the metal workers union, IG Metall**  
Barbara Resch, District Manager, IG Metall Baden-Württemberg
- 10:00 am Transformation: From medium-sized gasket specialist at the foot of the Swabian Alb to global component supplier for electromobility**  
Björn Betz, Director R&D Metal sealing systems and drive train components, ElringKlinger AG
- 10:30 am Consequences, obligations and opportunities for the automotive supply chain under the European Batteries Regulation chaft**  
Niko D'Agostino, Programme Director, Circular GmbH
- 11:00 am Coffee break, networking and matching fair**
- 11:30 am Battery Passport - challenges of tracking**  
Prof. Dr.-Ing. Kai Peter Birke, Director, Center for Digitalized Battery Cell Manufacturing (ZDB), Fraunhofer Institute for Manufacturing Engineering and Automation (IPA)
- 12:00 pm PM Talk: How can suppliers from Baden-Württemberg use the dynamic changes in the market as opportunities for themselves?**  
tba.
- 12:45 pm Lunch break, networking and matching fair**
- 13:45 pm Electric drivetrains of the future - an overview of current developments**  
Prof. Dr.-Ing. Nejila Parspour, Director, Institute for Electrical Energy Conversion, University of Stuttgart
- 14:15 pm The electric motor as a driver of system integration and process innovation**  
Thomas Pfund, Head of Electric Motors Division, Schaeffler Automotive Buehl GmbH & Co. KG
- 14:45 pm Battery production – Insights from a medium-sized machine and plant manufacturer from Baden-Württemberg**  
Volker Fitz, Proxy & Head of Sales, Maschinenfabrik Gustav Eirich GmbH & Co KG
- 15:15 pm Clutchless 2 Speed Transmission for EV – increases range, speed and acceleration. Inmotive INGEAR, an Innovation from Ontario, Canada**  
Dr. Tilo Schmid-Sehl, Europe Representative Japan Representative, Inmotive Inc.
- 15:45 pm Matching fair and networking**
- 17:00 pm End of the event**



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## Shaping the transformation jointly and successfully!

Since 2020, the advice center Transformationswissen BW, coordinated by e-mobil BW, has served Baden-Württemberg companies in the automotive industry as a neutral, digital, and personal point of contact. The purpose of the center is to support primarily small and medium-sized companies in their technological and strategic development.

Furthermore, the Federal Ministry for Economic Affairs and Climate Protection is funding six regional transformation networks in Baden-Württemberg. These transformation networks particularly focus on regional networking as well as information, training, and advisory services to strengthen the innovation and transformation capabilities of

the companies.

Use the opportunity to speak to the Transformationswissen BW team and the representatives of the transformation networks at this year's Automotive Suppliers Day Baden-Württemberg!



Transformation networks





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## The technology you can touch

As part of the transformation hub „Scale-up E-Drive“, funded by the Federal Ministry for Economic Affairs and Climate Protection, a mobile showcase trailer was developed that makes the knowledge about the electric drivetrain tangible.

The aim of this concept is to present research results at trade fairs and individual events all over Germany and to promote dialog with smaller and medium-sized companies and their employees. Thanks to its modular design, the trailer can be flexibly adjusted to different types of events and target groups. It combines theoretical knowledge on posters or displayed through multimedia elements with practical interactive exhibits such as various drivetrain components.

It shows specific component setups such as electric motors as well as drive axle setups. It highlights advanced technologies and their realization by leading car manufacturers.

Electric motor concepts of various models, such as the Tesla Model 3 or the BMW iX3, are presented as examples. Differences between axle concepts, for example, between the VW ID.3 and the Porsche Taycan, are also shown in detail to illustrate the variety in technologies and integration.

You can experience the exhibition trailer live at Automotive Suppliers Day Baden-Württemberg on 10 October 2024!



**SCALE-UP**  
**E-DRIVE**



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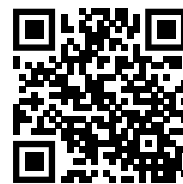
## Qualification measures for the Baden-Württemberg battery ecosystem

QualiBattBW is the short title of the „Qualification measures for the Baden-Württemberg battery ecosystem“ project that aims to create and test training units regarding batteries. In terms of content, the qualification modules are geared towards the battery value chain from cell chemistry to recycling. QualiBattBW organizes the development of a qualification program along the entire value chain with a view to rechargeable electrochemical energy storage devices. It is to strengthen the technological expertise with regard to battery cells and battery systems in Baden-Württemberg and Germany and to intensify networking between all relevant stakeholders.

QualiBattBW is backed by a strong project group, including seven research institutions, two educational institutions, and an innovation network in the field of electromobility in Baden-Württemberg. This Battery Competence Trio brings together the three areas of science, vocational and academic education, and also the industry with their individual perspectives. The project is funded by

the Federal Ministry of Economics and Climate Protection (BMWK). With over 50 qualification modules, QualiBattBW supports the expansion of the development and production competencies along the battery value chain.

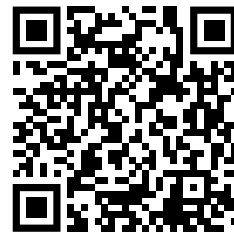
Use this opportunity to expand your specialist knowledge and develop new skills.



**QualiBatt**  
**BW** 

## Registration and contact

Participation at the event on 10 October 2024 is free of charge.  
Registration deadline is 26 September 2024.  
Please register online at [www.zulieferertag-bw.de](http://www.zulieferertag-bw.de).  
You can also scan the QR code with your smartphone to access the registration page.



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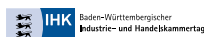
## Location

Neckar Forum Esslingen, Ebershaldenstraße 12, 73728 Esslingen am Neckar  
[www.esslingenlive.de](http://www.esslingenlive.de)

## Event organizers



## Partners



Automotive Suppliers Day Baden-Württemberg takes place as part of the Strategic Dialogue for the Automotive Sector in Baden-Württemberg and is a joint event by the Ministry of Economic Affairs, Labour and Tourism Baden-Württemberg and e-mobil BW - State Agency for New Mobility Solutions and Automotive Baden-Württemberg. The Strategic Dialogue for the Automotive Sector in Baden-Württemberg opens up innovation potentials across industries and is to successfully support and shape the transformation process of Baden-Württemberg's automotive industry. The three focus areas of vehicle, data and energy provide the framework for the activities. Aspects from the cross-sectoral areas of digitalization, research and development, education, and qualification will be included. [www.sdabw.de](http://www.sdabw.de)

