



Automotive

in the Capital Region Berlin-Brandenburg



The focus of the Marienfelde site is on the development and implementation of MO360, the digital Mercedes-Benz production ecosystem.



Theion plans to launch the first solid-state lithium-sulfur battery in 2023.

Selected Companies

OEMs

BMW Motorradwerk
Daimler
Mercedes-Benz
Tesla Gigafactory 4
VW Group Future Center Europe
VW Original Teile Logistik

Engineering

Automotive Artificial Intelligence
Bertrandt Services
Brighther.ai Technologies
CARIAD
Carmaq
DEKRA Testzentrum
German Autolabs
High Mobility
IAV Automotive Engineering
RevDop
XAIN

Drive line and chassis

Continental Automotive
Finow Automotive
FLAMMMOTEC
Goodyear Dunlop
Knorr-Bremse
Schaeffler Technologies

Interior components and operating elements

Automotive Plastic Components Berlin
FLAMMSYSCOMP
Grupo Antolin
Joyson Safety Systems
proseat

Instruments and electrical systems

Bals Elektrotechnik
Brose Fahrzeugteile
HELLA Aglaia Mobile Vision
Mahle Amovis
Oligo Lichttechnik
surface contro

Bodywork and functional elements

Ahlberg Metalltechnik

Berlin-Brandenburg: In every vehicle there is a part of our expertise

The capital region Berlin-Brandenburg has evolved into a major automotive hub. The number of suppliers, particularly Tier 1 and Tier 2, is constantly growing: around 21,000 people are currently employed in over 200 companies.

The range of companies is broad. Large Original Equipment Manufacturers (OEM) such as Mercedes-Benz and BMW can be found there along with global players in the supplier industries such as Automotive Plastic Components, Bosch, Brose, Continental, Gestamp Umformtechnik, Goodyear Dunlop, Hella, Knorr-Bremse, Pierburg, Joyson Safety Systems, ZF and many powerful SMEs and engineering service providers such as IAV. With the construction of the Tesla Gigafactory Berlin-Brandenburg in 2021, the region has taken a major step forward in the field of electromobility. The Gigafactory will be the first location in Europe to produce battery cells together with electric vehicles in its own plant. In total, at least 14,000 new jobs will gradually be created.



Dr. Helmut Schramm
Head of Production
BMW Motorrad

»BMW continuously invests in the Berlin site. In recent years, the Group has strengthened the plant with an additional investment package of over 100 million euros. BMW is clearly committed to Berlin. The city convinces with a good infrastructure and a large number of very well-trained workers.«

Strong cluster for intelligent mobility

The automotive industry is a fundamental pillar in the development of the capital region Berlin-Brandenburg, and constitutes one of five areas in the transport, mobility and logistics cluster. The cluster supports companies and research institutions in meeting the challenges of the transformation of mobility, for example digitization with the networking of data and transport modes and the autonomization of vehicles, or the electrification of drives and integration in vehicle and mobility concepts.

In the initiative for intelligent mobility, the capital region is positioned internationally as a development center and urban application space for high-tech solutions made in Berlin-Brandenburg. The success factors include strong intermodality and international focus, connecting metropolitan and rural areas, experience in planning and implementing complex projects, and a variety of ICT startups that develop new technologies and features for intelligent mobility solutions.

Digital and sustainable

Berlin's strength in the digital economy has led the big players in the automotive industry to develop new ideas together with startups in a large number of projects. Topics such as artificial intelligence, virtual and augmented reality, Car2X communication and automated driving play an important role.

These technologies have the potential to fundamentally change traffic in cities. Berlin offers excellent conditions for testing and demonstrating new concepts, e.g. in the field of electromobile logistics, networked micromobility with new small vehicles or innovative charging technologies.



EasyMile driverless bus on the Charité campus

- Industry leaders and innovative suppliers directly in the region
- Largest number of research facilities in Germany
- Optimal networking of the regional automotive industry in the transport, mobility and logistics cluster
- Highly qualified professionals and managers
- Customized support for setting up business and innovation projects
- Excellent infrastructure
- Proximity to policymakers and organizations
- High standard of living at a low cost

Since 2010, the Berlin Agency for Electromobility eMO has been supporting the mobility transition in the capital region as a central contact and coordination point and helping to implement best practice solutions on a sustainable basis. It pursues the approach of networked, automated, shared, largely electrified and socially, economically and ecologically sustainable mobility.

Interconnectedness

Companies benefit from the experience and collaboration within the established networks. The automotive BerlinBrandenburg (aBB) network supports automotive suppliers in initiating collaboration and project development with partners from industry and science, including internationally through the Berlin Chinese Automotive Network (BeCAN). Building upon this, the INFABB Innovative Fahrzeugantriebe Berlin-Brandenburg brings together expertise and experience in the field of innovative vehicle drive systems.



»Berlin is one of the birthplaces of autonomous driving and a real-world testbed for future mobility solutions. We have been developing autonomous vehicles since 2006. Our robotic cars have been licensed for driving in the streets of Berlin since 2011. This is why Berlin and the

Bay Area around Palo Alto are vibrant regions today for the development of technologies for automated driving.«

Prof. Dr. Raúl Rojas
Dahlem Center for Machine Learning and Robotics
Freie Universität Berlin



»The future of vehicle construction is closely linked to the Industrial Internet. The BTU Cottbus-Senftenberg tackles the challenges related to the digitization and automation of supply chains and contributes to increasing the competitiveness of OEM and suppliers in the Berlin-Brandenburg region through its research activities.«

Prof. Dr.-Ing. Ulrich Berger
Professor of Automation Technology
BTU Cottbus-Senftenberg

Qualified workforce

Thanks to the three-year technical vocational training program – from highly specialized motor vehicle mechatronics to bodywork and vehicle construction mechanics – automotive companies in Berlin-Brandenburg are able to find well-trained and motivated employees. The universities in the region offer various degree programs including vehicle technology (TU Berlin and HTW Berlin), vehicle and power systems technology and lightweight constructions (BTU Cottbus-Senftenberg), mechatronics/automation systems (FH Brandenburg) and industrial engineering (BHT).

Apprich Secur
Böllhoff Produktion
Boryszew Oberflächentechnik
CTM Fahrzeugbau
Gestamp Umformtechnik
Gustav Scharnau
Hüffermann Transportsysteme
Mahle Filtersysteme
MOSOLF Logistics & Services
Robert Bosch Automotive Steering
Rosenbauer Deutschland
Trebbiner FahrzeugFabrik

Engine and power transmission

Aumann Berlin
Bruss
Hengst Automotive
Pierburg
Schmidt Automotive
Theion
Vitesco Technologies
Weber Berna
ZF Getriebe

Research

Beuth University of Applied Sciences Berlin
Brandenburg University of Technology Cottbus-Senftenberg
FH Potsdam
Fraunhofer (FOKUS, IAP, PYCO)
Freie Universität Berlin
German Aerospace Center (DLR)
German Research Center for Artificial Intelligence (DFKI)
HTW Berlin
Leibniz IHP
Technische Universität Berlin
Technical University of Applied Sciences Wildau

Networks and initiatives

automotive BerlinBrandenburg (aBB)
Berliner Agentur für Elektromobilität (eMO)
Innovative Fahrzeugantriebe Berlin-Brandenburg (INFABB)
ITS Berlin-Brandenburg
proITCar

Our aim: your success!

Berlin and Brandenburg support the focal area Automotive with an economic policy developed across state borders in the transport, mobility and logistics cluster. The cluster is managed under the aegis of Berlin Partner for Business and Technology and the Brandenburg Economic Development Corporation (WFBB).

Our aim is to provide comprehensive support to companies and scientific institutions interested in inward investment or further development in the capital region.

We are ready to assist you with:

- Finding a site
- Funding and financing
- Technology transfer and R&D cooperation
- Cooperating in networks
- Recruiting personnel
- Developing international markets

Reach out and contact us!

www.mobilitaet-bb.de

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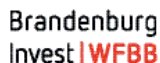
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