

AUTOMATISIERUNG

Elektrotechnik

CuroCon^{gmbh}

engineering & automation

wir sorgen für ihre konzepte

Company presentation

2025

FORSCHUNG

Produktion

PRÜFAN

CuroCon.de

ENTWICKLUNG

- **Product and service portfolio** for stationary, mobile and energetic automation and applications
- **Engineering services** in research, development, prototype construction as well as for small and large series production
- Cross-industry **know-how** for automotive, testing/vehicle/air/rail/building/energy/measurement/control and regulation technology
- **Realization** of customer-specific solutions and custom-made products as well as modifications and modernizations

CuroConceptus® (lat.)
„We take care of your concepts“



Our founders, shareholders and managing directors



**Dipl.-Ing.
Bernhard Müller**

**Dipl.-Ing.
Michael Wißbach**

Bernhard Müller

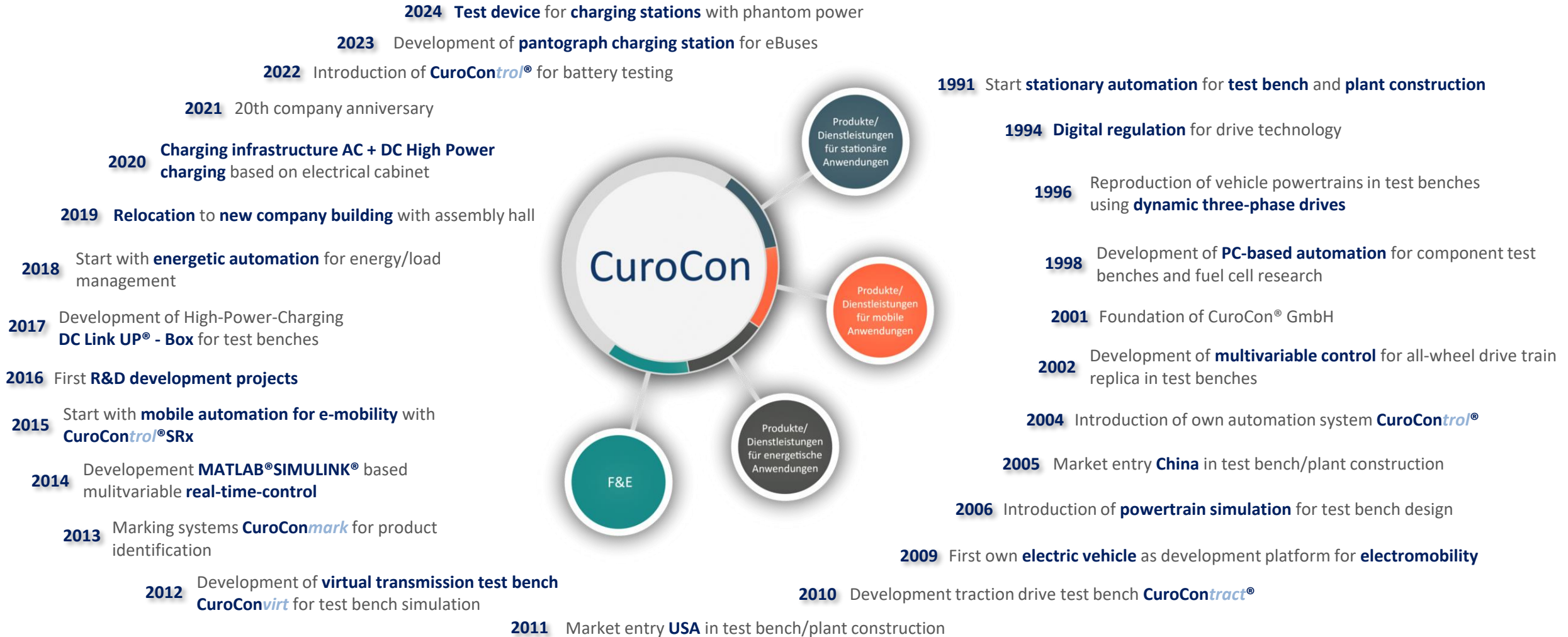
Michael Wißbach

Our location

Gernsheimer Str. 3 – 64673 Zwingenberg – Germany



„More than 30 years of experience in electrical engineering & automation“



Extract from our customer list



Stationary automation

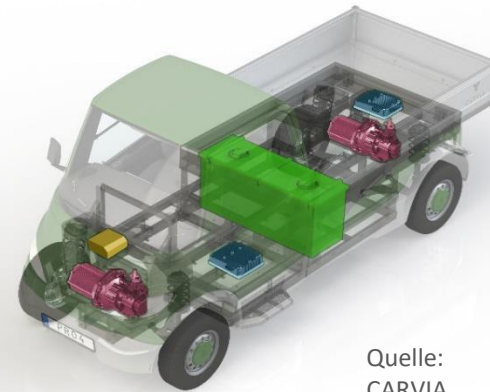
- Applications in test bench and plant construction in the field of **drive line** and **chassis technology** as well as **braking, driving safety systems** and **battery testing**
- Automation of **fully automated series test benches** for automatic car transmissions as well as **development** and **prototype test benches** on **CuroControl®** basis
- **CuroControl®** extension for **hybrid** transmission functionalities and **battery test benches**



- Applications in **e-mobility** and for the **electrification** of **vehicles + commercial vehicles**
- Transfer of **know-how** from **electromotive powertrain replica** in **plant engineering** to **onboard** control/regulation systems (**ECU**)
- **Driver information** and **operating systems** with extensive functions and interfaces
- Integrated **safety functionality**, connection to **electronic braking systems (EBS)**
- **Data recording** of relevant vehicle parameters
- Service interface for **remote maintenance/diagnostics**



Quelle: FRAMO



Quelle:
CARVIA

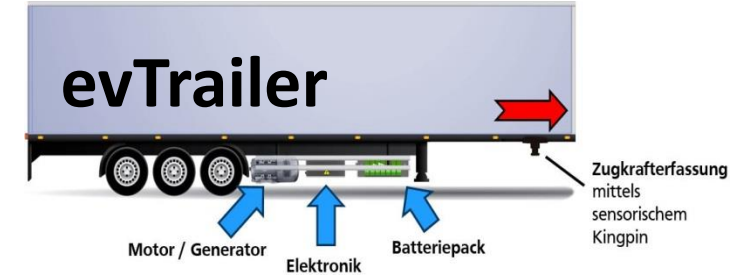


Energetic automation

- Applications in **energy/charging technology** incl. **load/energy management** in combination with **renewable energy generation** and **storage**
- **Charging infrastructure** for **factory/company premises** and **charging locations** incl. associated **load/energy management**
- **Charging technology** for electric and hybrid vehicles/commercial vehicles
- **Charging controller** for reliable **communication** with the **electric vehicle**
- **Measuring and testing technology** for **charging infrastructure** and **energy meters**



- **evTrailer2** - Electrified truck trailer for cost, fuel, emission reduction with self-sufficient shunting capability <https://evtrailer.de>



Gefördert durch:

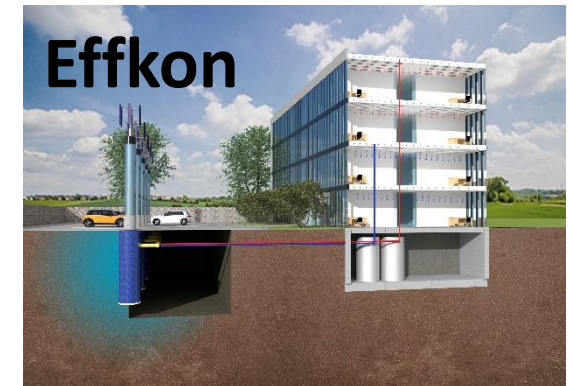


aufgrund eines Beschlusses des Deutschen Bundestages

- **Effkon** - Efficient heat storage and energy generation system for thermal conditioning of buildings
- **Buffered-HLL** - Network-oriented, cost-efficient high-performance charging system for mid-sized commercial public transport in suburban areas



Buffered-HLL



Effkon

New markets/requirements

E-mobility

Transport-/
logistic industry



Aviation and railway industry
(Rosen Group ...)



Automotive industry
(ZF, CAS, Magna Steyr, Atesteo, Lyric ...)



Building, load and energy management
(charging infrastructure ...)



R&D - Universities and research institutions
(TU Darmstadt, TU Kaiserslautern, Fraunhofer Institute ...)



Automotive Cluster RheinMainNeckar

- **CuroCon** develops as a **cooperation partner** new ideas and products for the automotive industry



Quelle: IHK Darmstadt

AUTOMOTIVE CLUSTER
Rhein Main Neckar

Cluster Elektromobilität Süd-West

- **CuroCon** designs as a **network partner** in **working groups** and **projects** the further development in **e-mobility**



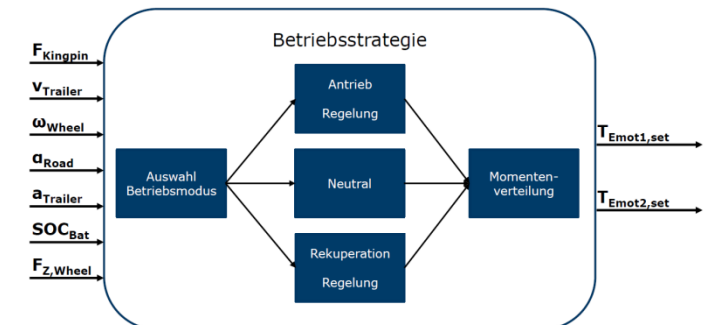
Quelle: ARKIRA fotografie

elektromobilität
süd-west

Research and development projects

- **CuroCon** is a **consortium partner** in publicly funded projects on **e-mobility** and **energy efficiency**

Gefördert durch:
 Bundesministerium
für Wirtschaft
und Klimaschutz
aufgrund eines Beschlusses
des Deutschen Bundestages



Quelle: evTrailer

„We create e-*mobility*!“

- **Actively** creating **the future** and developing/promoting **innovative technologies**
- Proprietary plug-in hybrid and e-vehicles for **practical experience** in **e-mobility**
- **Experience reports** and **exchange of experiences** also on the Internet



... your partner in

stationary, mobile and energetic

Electrical engineering and ***Automation***

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