

**Welcome to our Cooperation Workshop with Czech Republic:
Automated Driving
29. - 30. April 2021 | Online**

Agenda



Thursday 29. April 2021

- 09:30** **Dial-in of the participants**
Assistance – Instruction (if necessary) – Trouble shooting
- 10:00** **Welcoming and Presentation AMZ Network of Automotive Suppliers**
Alexander Helbych, Thomas Keltsch, AMZ Saxony
- 10:10** **Introduction of CADA Chemnitz Automated Driving Alliance**
Karsten Schulze, FDTech GmbH
- 10:30** **Introduction of CzechInvest and investment incentives**
Alena Hájková, Business and Investment Development Agency CzechInvest
- 10:50** **Introduction of Mobility Innovation HUB**
Karolína Konicarová, Business and Investment Development Agency CzechInvest
- 11:10** **Presentation of CCAM projects in Usti Region area**
Cross-border project collaboration funding possibilities for 2021-27
Petr Achs, Regional Authority of Usti Region
- 11:40** **Summary, Conclusion, questions and further steps**
Petr Achs, Regional Authority of Usti Region
Alexander Helbych, Thomas Keltsch, AMZ Saxony
- 12:00** **End of the event**

Friday 30. April 2021

- 10:00 – 12:00** **Online presentations of Czech and German companies** (duration approx. 1 hour)
Range of products and services, needs and interest in cooperation with German companies



AMZ - Automotive Supplier Network Saxony

Your Partner for Innovation



AMZ at a look



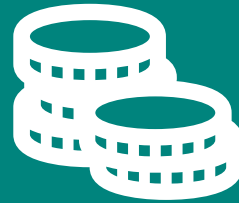
161

Companies are
AMZ members



20.000

People employed
in AMZ companies



3 Bln. €

Turnover generated by
AMZ Companies / Year



1.341

Plants of AMZ
Companies worldwide

Members overview



Supplier



Members overview



Research & Development



Mechanical Engineering & Production Equipment



Industrial Services



International Network



5 AMZ - Locations

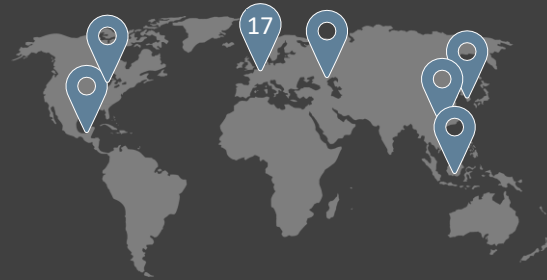
Germany - Dresden (Headquarter)

Germany - Chemnitz

USA - Detroit

Russia - Samara

Japan - Tokyo



23 AMZ – Partners and Partner Networks

2 x USA

ANN ARBOR SPARK [USA] / Entrada Group [MEX]

4 x Asia

Delovaja Rossija [RUS] / DAEGU [KOR] / Jieyang [CHN] / GIAMM [IDN]

17 x Europe

Flanders Make [BEL] / Autoklastr [CZE] / ICUK [CZE] / LIGHTer Arena [SWE]

Automotive Cluster Bulgaria [BUL] / Jožef Stefan Institute [SVN]

ThermoPlastic composites Application Centre [NLD] / IMAST [ITA]

Advanced Materials Cluster of Catalonia [ESP] / Clust-ER MECH [ITA]

Bydgoszcz Industrial Cluster [POL] / ACstyria Mobilitätscluster [AUT]

Luxembourg Institute of Science and Technology [LUX] / LIT Factory [AUT]

Norwegian University of Science and Technology [NOR] / Plastipolis [FRA]

South West Hungarian Engineering Cluster [HUN]



>1.400 Member - Locations

>1.000 x Europe

160 x North America

20 x South America

212 x Asia

9 x Africa

1 x Australia

What we do..

Analysis of existing R&D projects in 150+ R&D centers in Saxony with 1,500+ different professions.



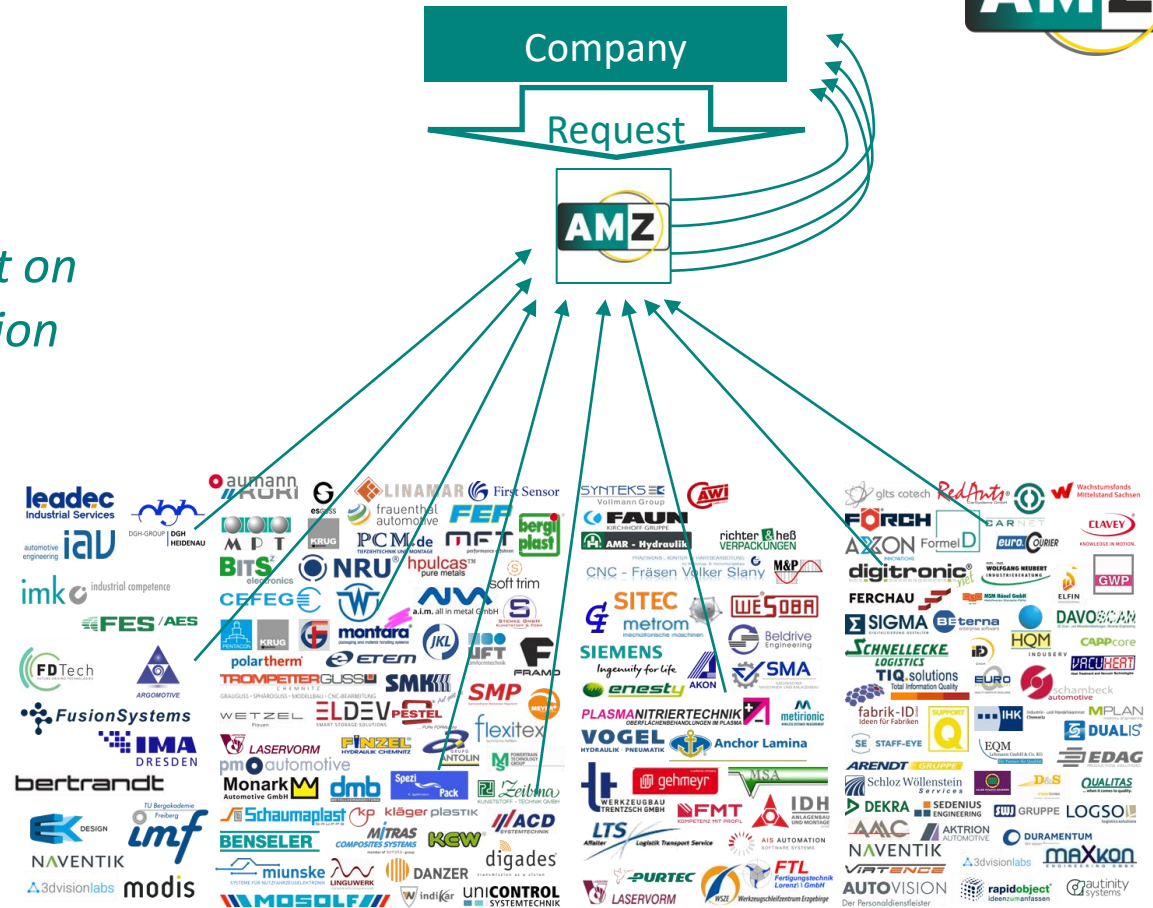
Universities/research institutions doing research on the topic

- *FH Zwickau: Professorship for Automotive Networking and Traffic Control (Prof. Kühn)*
- *HTW Dresden: Chair of Automotive Mechatronics (Prof. Trautmann)*
- *TU Dresden: Chair of Information Technology for Traffic Systems (Prof. Michler)*
- *HTWK Leipzig: Economics and Industrial Engineering (Business Models of Innovations) (Prof. Crönertz)*
- *TU Chemnitz: Chair of Process Automation (Prof. Dr.-Ing. Peter Protzel)*
- *TU Chemnitz: Computer architectures and systems (Prof. Dr.-Ing. Alejandro Masrur)*
- *TU Chemnitz: Professur Arbeitswissenschaften und Innovationsmanagement (Dipl.-Ing. André Dettmann)*
- ...

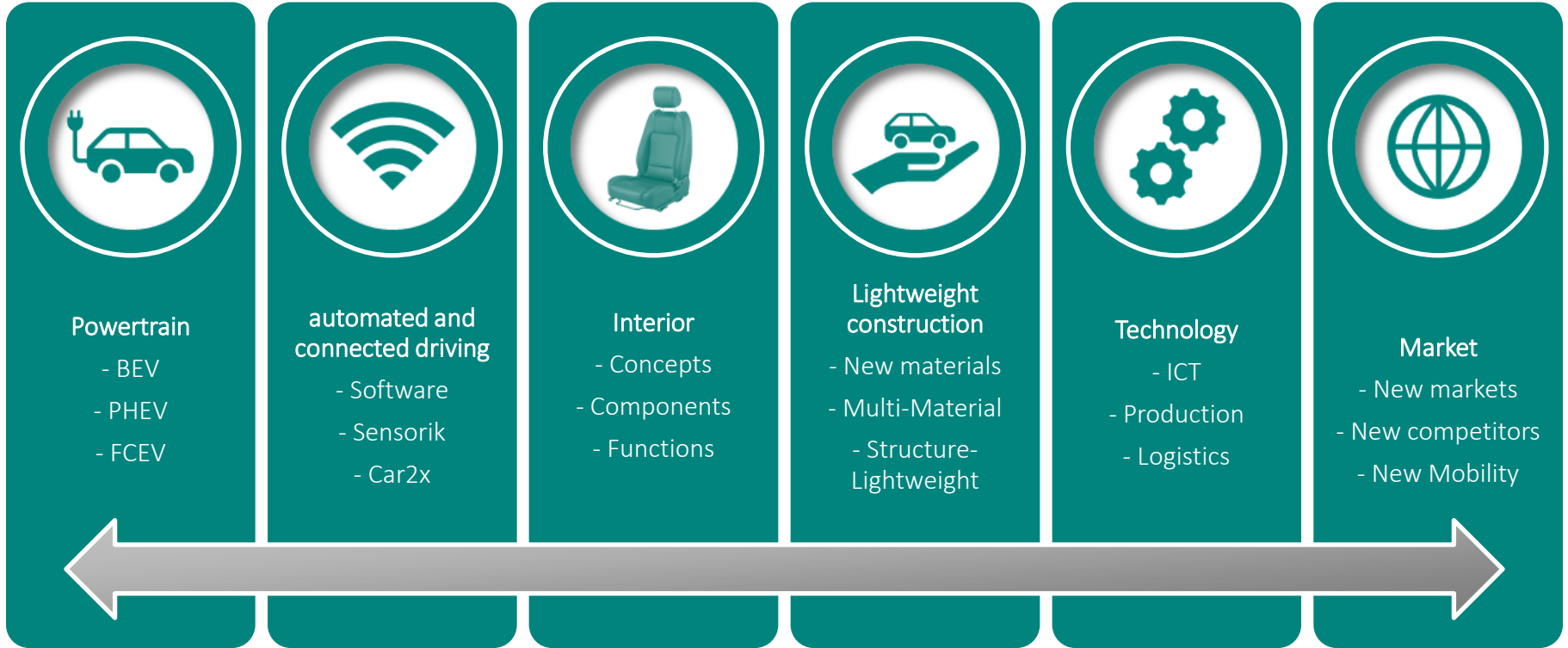
What we do..



Create contacts on request on desired topics of cooperation



What we do..



Future Parking:

- Indoor location and localization in the car park for networked parking
- Development of various services and a city logistics hub application
- 2019: Start of the test phase in the BIC car park of the city of Leipzig





Automated Street Sweeper

- *Development and validation of a fully automated street sweeper, moving and sweeping autonomously*
- *Combining sensing, actuation and intelligence in a heavy duty utility vehicle*
- *Project duration 03/2020 - 03/2023*

GEFÖRDERT VOM



Bundesministerium
für Bildung
und Forschung



Crossroad Assistant

- *Development and validation of intelligent traffic infrastructure improving security for cars, bikes and pedestrians*
- *utilizing multimodal sensor systems and cloud intelligence for situation analysis and intention prediction*
- *Project duration 03/2020 - 12/2022*

GEFÖRDERT VOM



Bundesministerium
für Bildung
und Forschung



Very successful completed project: e-JIT

- *Design of electric drive*
- *Installation of the charging technology*
- *Development automation algorithm*
- *Highly accurate localization*
- *reverse driving of a semi-trailer*
- *Validation of technologies*

Autonomous driving experts in Saxony



- **3Dvisionlabs GmbH** (Sensor Developer)
- **BASELABS GmbH** (Data fusion for automated driving)
- **FDTech GmbH** (Software developer autonomous driving)
- **First Sensor Mobility GmbH** (Sensor developer and manufacturer)
- **FusionSystems GmbH** (Data fusion for automated driving)
- **Globalfoundries** (semiconductor manufacturer)
- **Infineon** (semiconductor manufacturer)
- **IAV GmbH** (Hardware and software developer for autonomous driving)
- **Indikar GmbH** (Prototype construction)
- **Intenta GmbH** (Software development for autonomous driving)
- **NAVENTIK GmbH** (Positioning solutions for vehicle autonomy)
- **Preh Car Connect GmbH** (Hardware and software developer, hardware producer)
- **Turck Beierfeld GmbH** (Factory, process and logistics automation)
- **NXP** (Hardware and software developer, hardware producer)
-



→ About 5,000 employees in the field of autonomous driving

Our mutual mission with our both regions



- ✓ **Enlarge our exchange of information with information of the CZ- and German partners (with the use of AMZ information pool, e.g. some sort of newsletter?)**
- ✓ **Organize business meetings about autonomous, electric and hydrogen drive for the willing partners**
- ✓ **Find cross border project ideas and gather project teams of both countries**
- ✓ **Develop the project and accompany the initiation (with national or EU grants)**
- ✓ **Foster the realization of the project and help with the market launch if necessary**

Contact



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competence in Saxony***

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