

Automotive Cluster Euregio Meuse-Rhine

Deepening – Extension – Internationalization
Expanding cross-border business opportunities

An Interreg Euregio Meuse-Rhine Project

NoAE Workshop on „Cross Border Collaboration - NL meets NRW“
Eurogress Aachen, 12 June 2012

Motivation: Automotive in Euregio Meuse-Rhine



A lot of expertise available:

- **Manufacturers – Suppliers – Research Institutes - Universities**

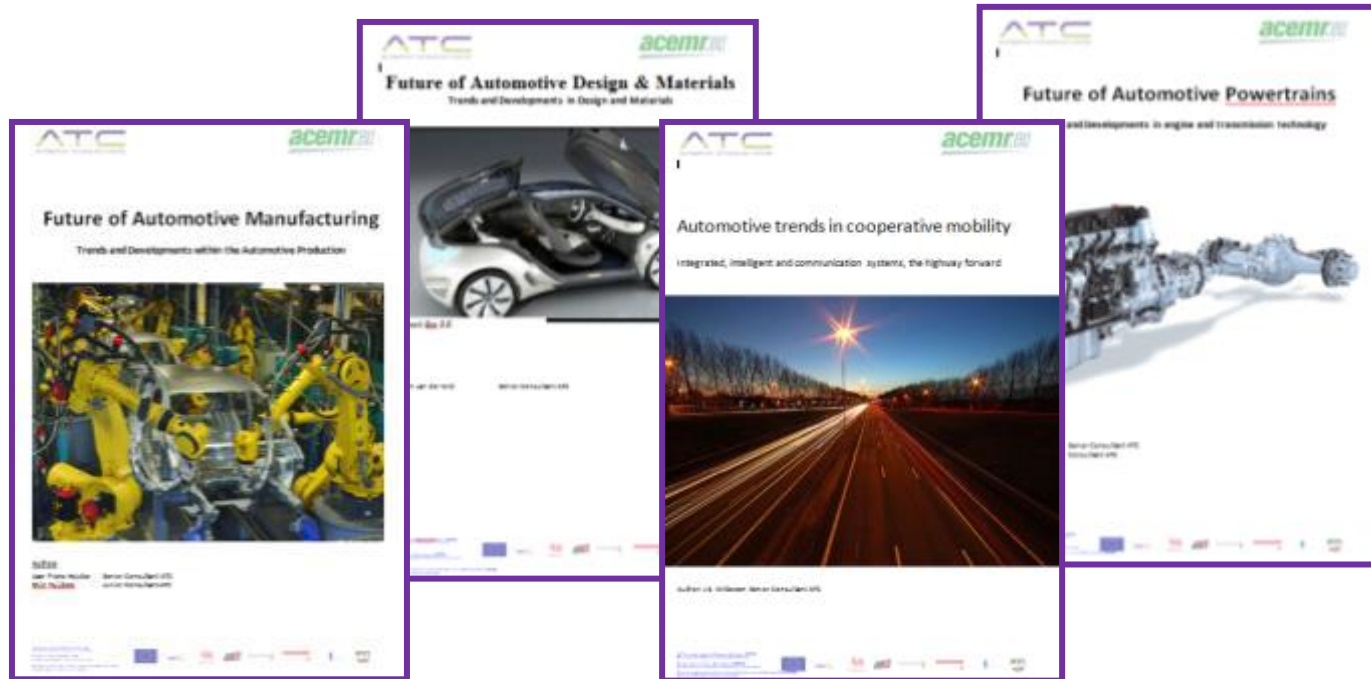
Automotive Cluster EMR:

- Seven Partners
- Regional Support

	Cluster Organisations		Economic Development Agencies
Belgium	 		
Germany	 		
Netherlands			N.V. Brabantse Ontwikkelings Maatschappij 

Investigation in Technology Fields

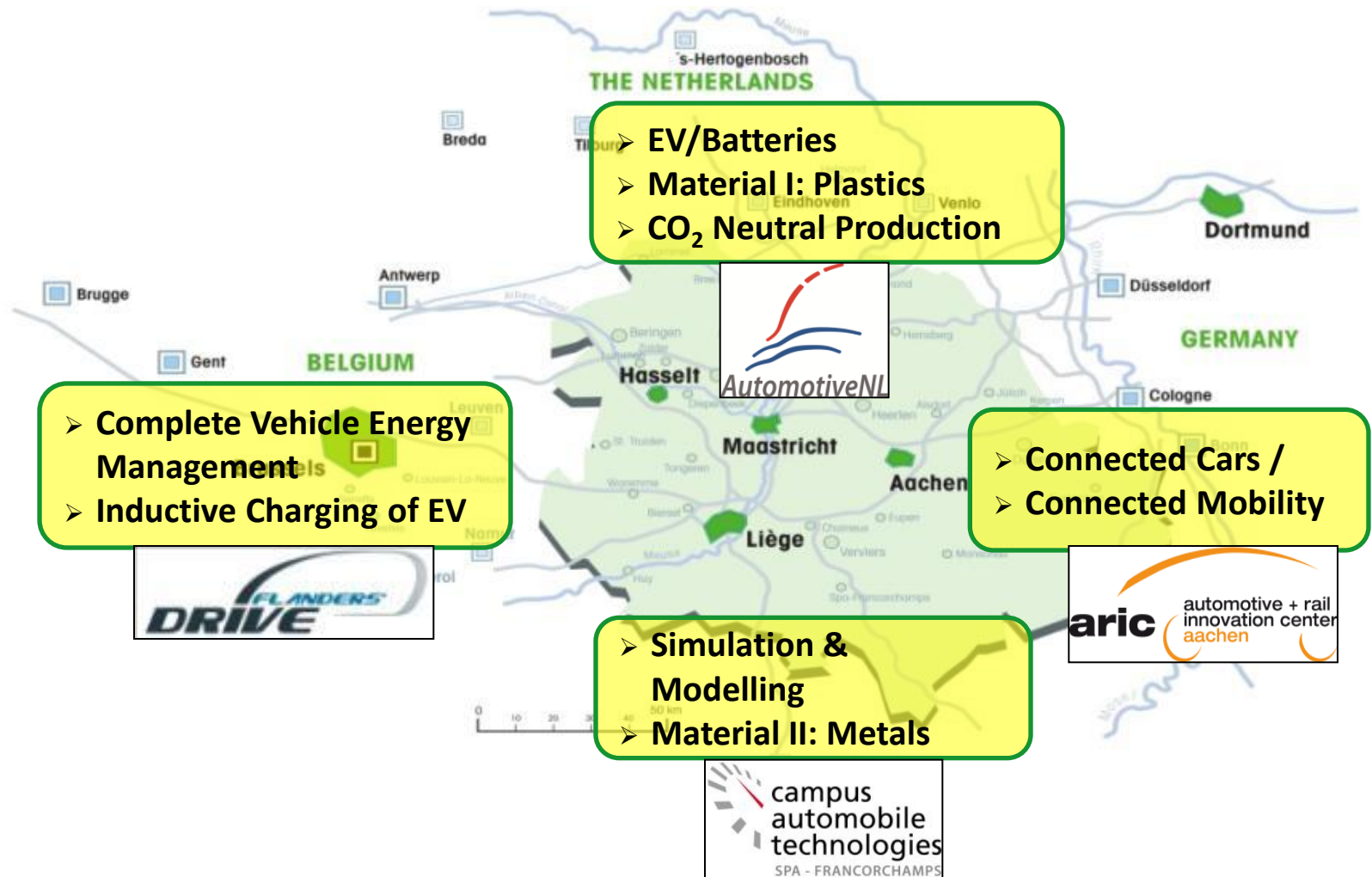
Trend/Vision Reports:



What are the needs and requirements of Automotive EMR?

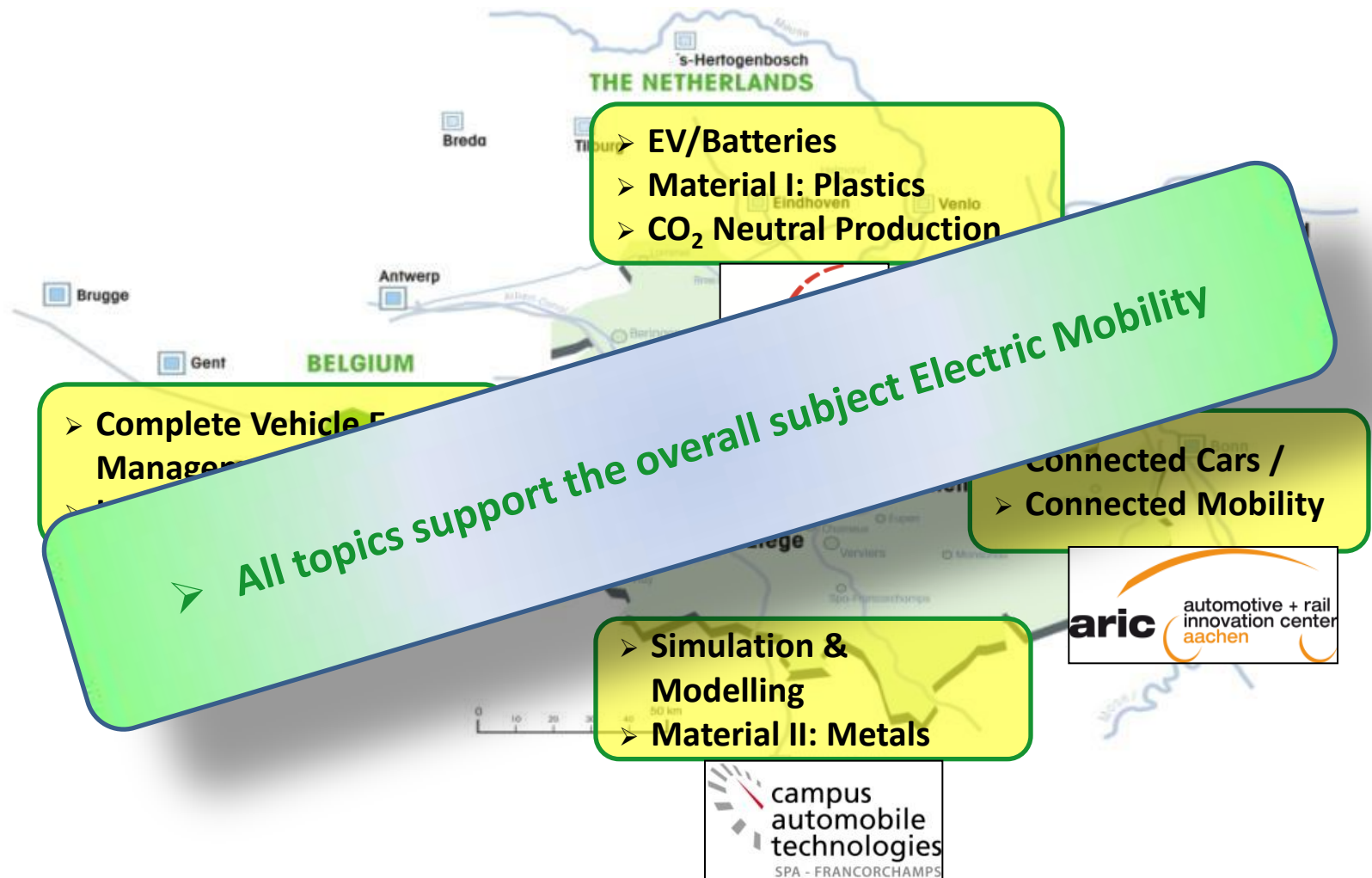
Investigation of NTI fields

- Technology Workshops -

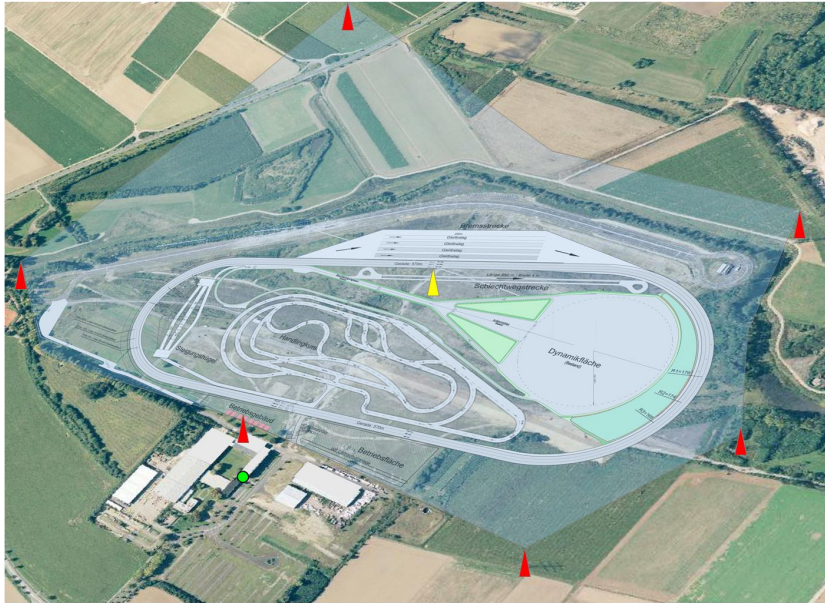


Investigation of NTI fields

- Technology Workshops -



Global Test Bed for SatNav-Applications (Galileo / EGNOS / GPS / ...)

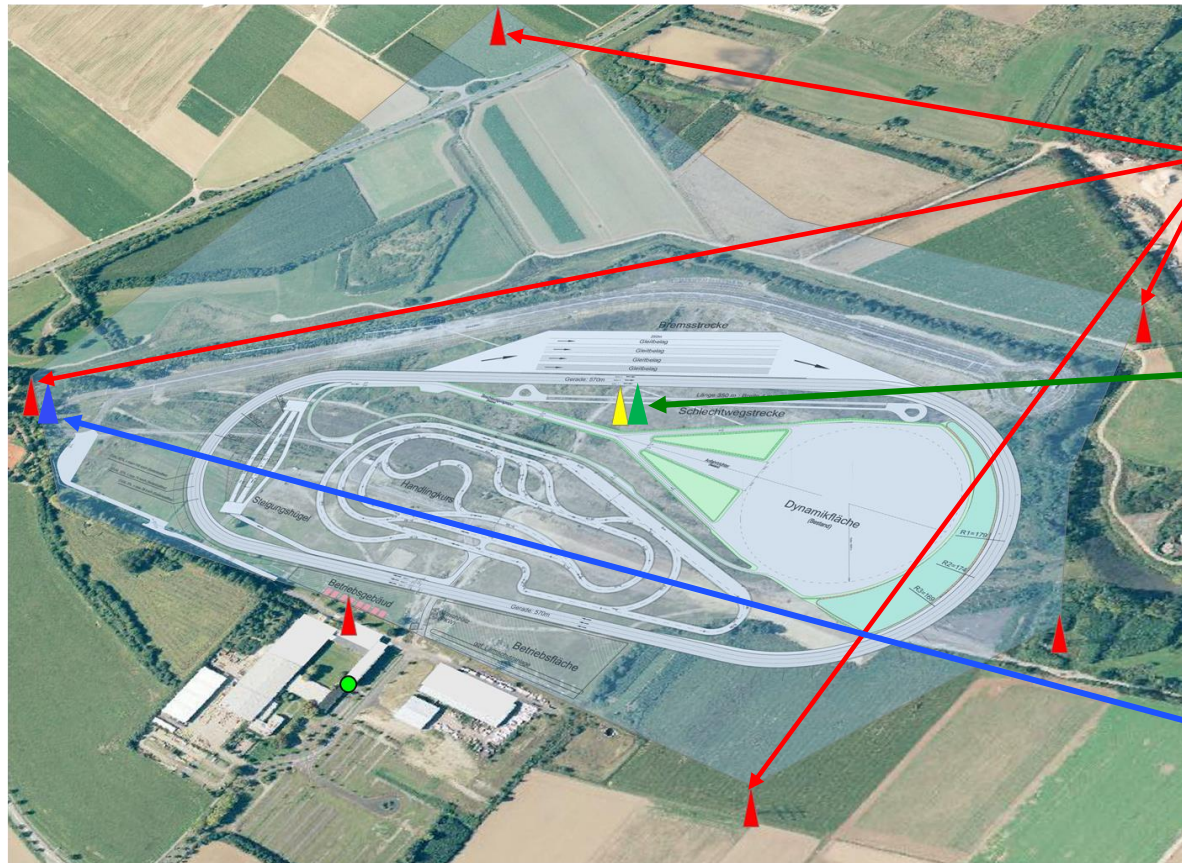


Galileo Positioning: available
LTE connection: initial available
IEEE 802.11p Wifi: initiated

➔ All systems in one location!



Enhanced: Global Test Bed for Connected Automotive Mobility



Galileo for
Positioning

pWLAN for
Vehicle-Vehicle-
Communication
(V2V)

LTE (G4) for
Vehicle-
Infrastructure-
Communication
(V2I)

Partners wanted for further R & D projects

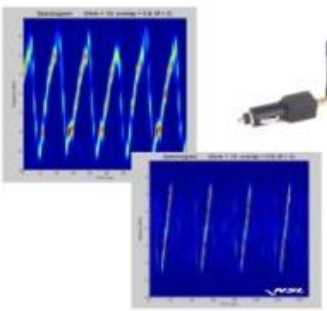
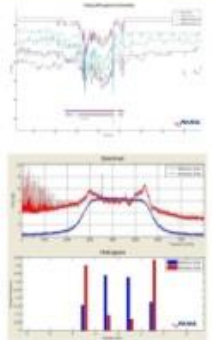
EU-FP7 Project DETECTOR: Detection of GNSS Jammer



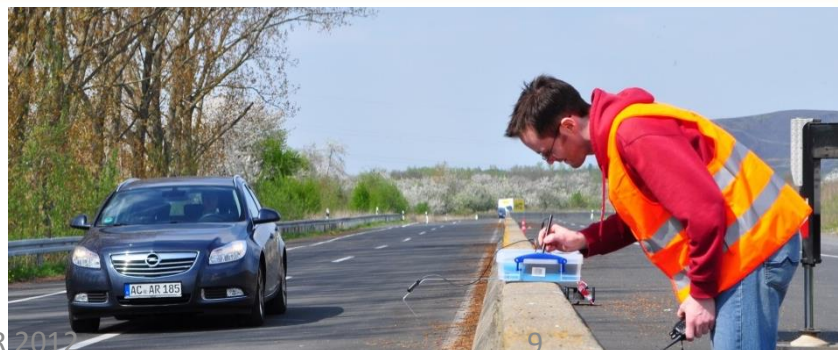
Detector

Fingerprinting GNSS Threats

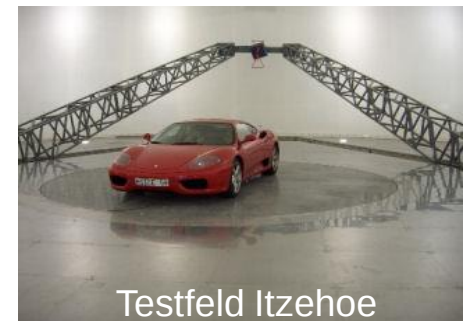
Detection, Evaluation and Characterisation of Threats to Road applications



Deploy roadside units **Detect Interference** **Characterise Interference**

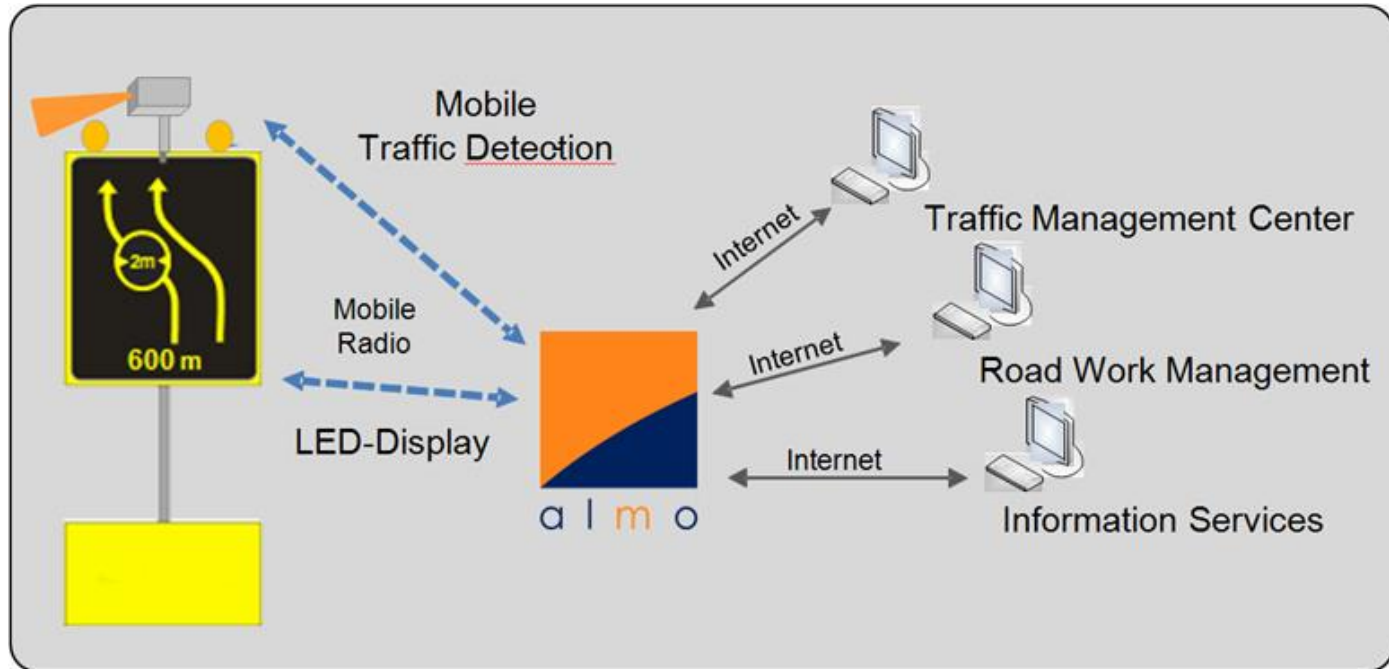


Antenna Test Range Aldenhoven



- One global supplier support
- ➔ Realisation requires the potential interest of
 - further SMEs
 - other users

Enhancing Fluent Traffic at Events and in Construction Zones (EFTEC)



- An EMR-Interreg-GCS project proposal
- Initial project, higher level EMR-project to be followed
- Additional partners highly appreciated

EMR Automotiv: World Class Competences at each compass point



automotiveGATE



Join the NTIs for further projects and growing R&D activities!

- **Materials – Lightweight – Plastics**
- **Composite Rims and Wheels**
- **Low Cost Carbon Fiber**
- **Modelling and Simulation:**
 - **Blast & Impact**
 - **Crashworthiness & Safety of Busses**
- **Complete Vehicle Energy Management**
- **EV in Public Sector**
- **Connected Cars – Connected Mobility**

Contact:

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