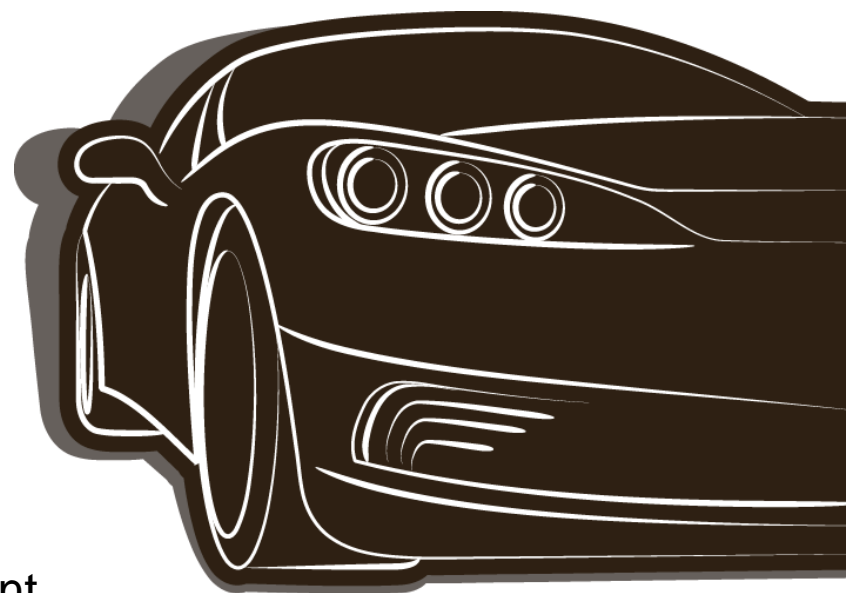


AUTOMOTIVE **INDUSTRY AND TECHNOLOGY** THE NETHERLANDS

Triple helix; cooperation between
knowledge institutes – industry - government



AutomotiveNL

SPIJKER 60 HP 1902

THE WORLD FIRST CAR WITH 6-CYLINDER AND 4 WD



DAF 33

THE FIRST CAR WITH A CVT



BMW MINI PRODUCTION STARTED IN 2014



DUTCH **AUTOMOTIVE** INDUSTRY AND TECHNOLOGY

- OEMs: DAF Trucks, Scania, VDL Bus, VDL – NedCar
- Suppliers: Bosch, DSM, Inalfa, Modine, Nedschroef, NXP, Philips, Prodrive, Tata Steel, TomTom, Sensata etc.
- Technology: Benteler, Technical University Eindhoven, TNO etc.



MEMBERS



COOPERATION PARTNERS



Provincie Noord-Brabant



Brabantse Ontwikkelings Maatschappij



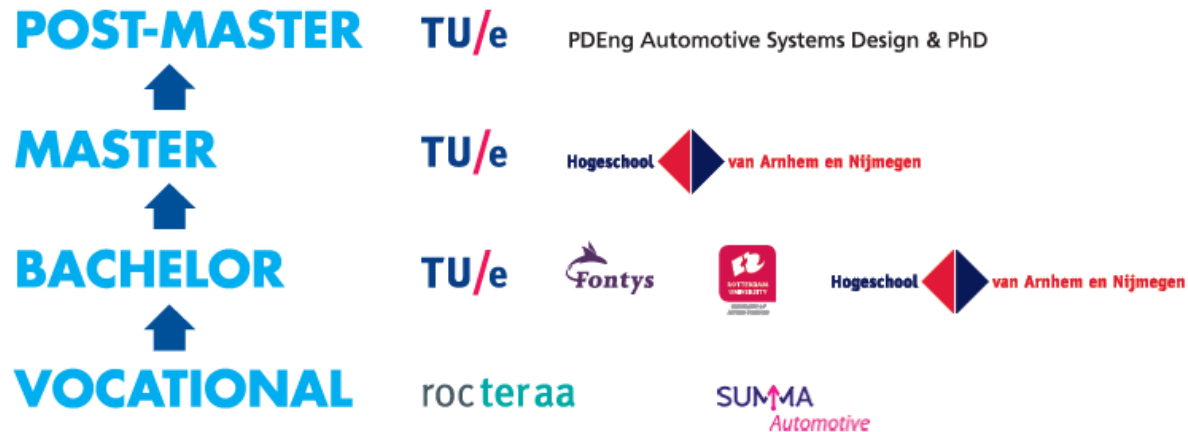
provincie limburg



AutomotiveNL
2016

EDUCATION INSTITUTES

THE DUTCH CONTINUOUS LEARNING APPROACH



PUBLIC PRIVATE PARTNERSHIP (PPP)



SOLAR-POWERED CARS

- World Solar Race
- Cooperation between university – industry - government (triple helix)
- Smart, lightweight, durable Dutch mobility solutions



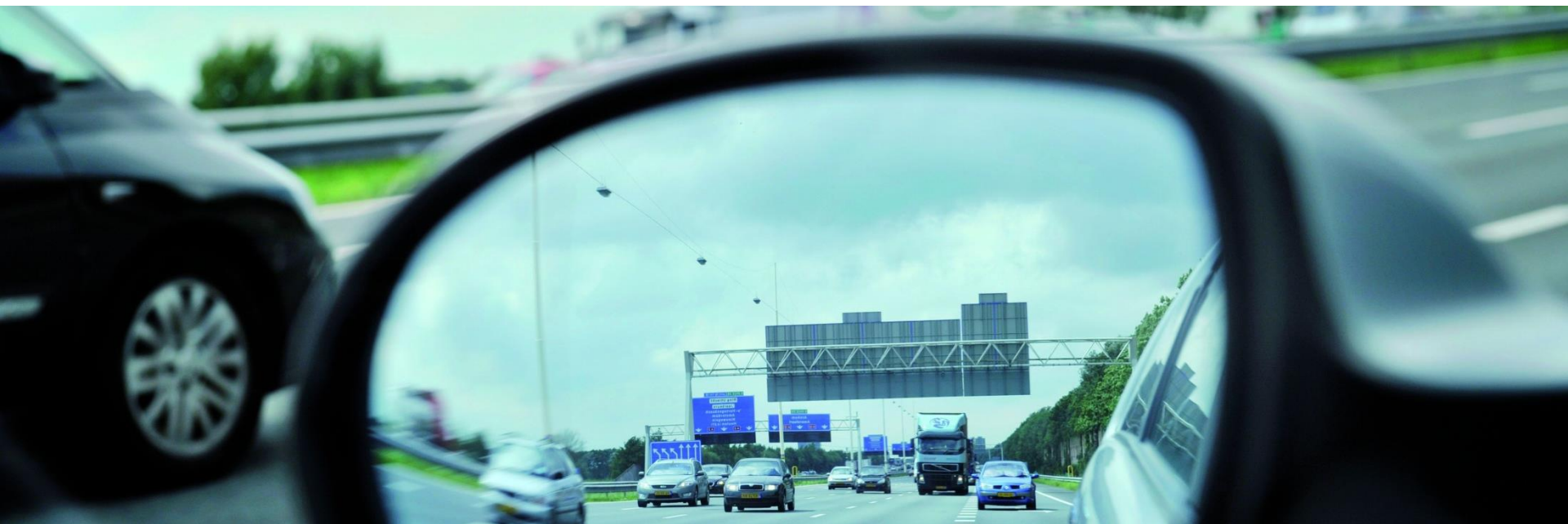
SMART CREATIVE GREEN MOBILITY

Smart Mobility

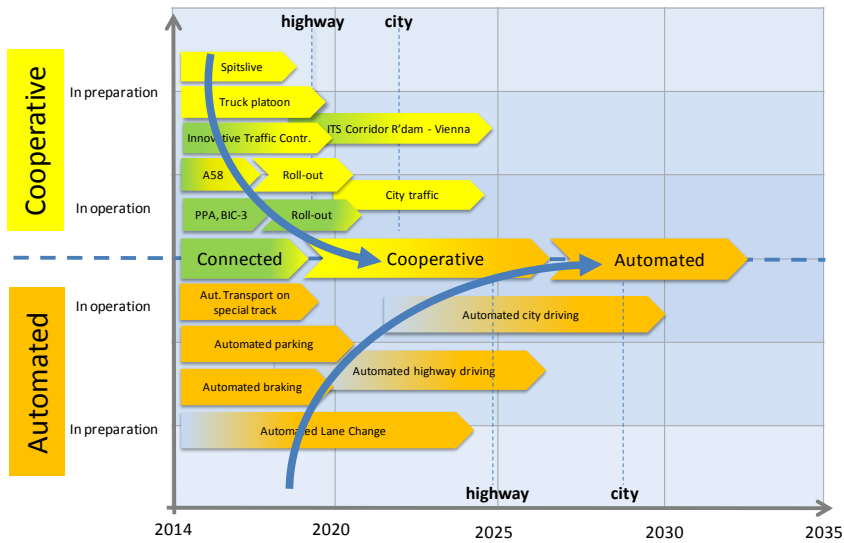
Green Mobility

Materials

Manufacturing



DUTCH ROADMAP



AT THE LEADING EDGE OF **TECHNOLOGY** AND **APPLICATION**

- Car 2 Car communication
- Embedded systems
- Navigation
- Logistics
- Traffic management
- ICT

Relatisation



Now



Future



The Cooperative ITS Corridor NL-DE-AT



Foodvalley

SMART MOBILITY

- Connected, Cooperative, Automated
- Cross-sectoral collaboration
- Example: TomTom, NXP, TNO



TALKING TRAFFIC

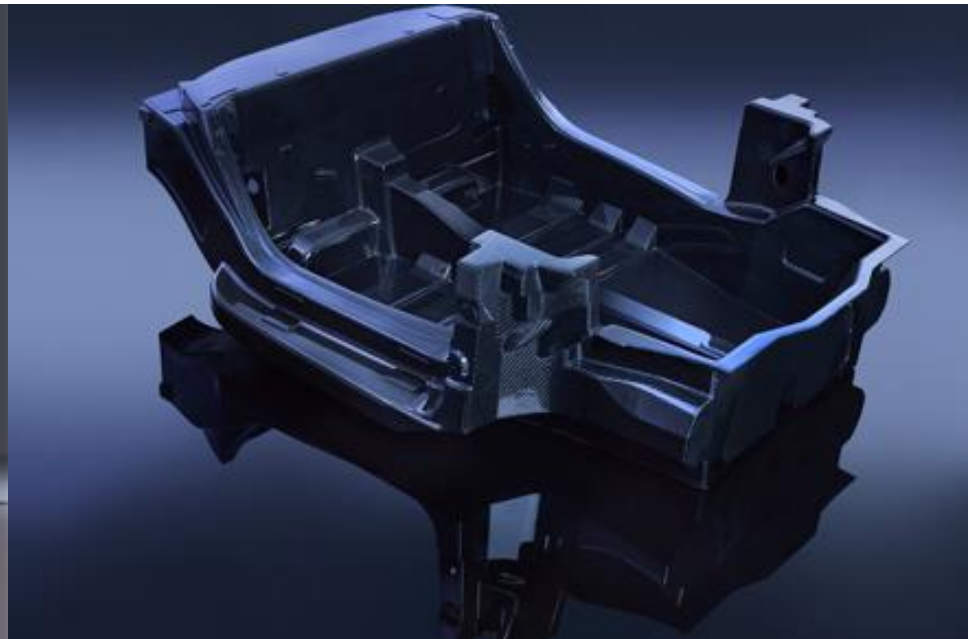


GREEN MOBILITY



LIGHTWEIGHT COMPOSITE MATERIALS

- Develop, produce and process composites
- Cross-sectoral collaboration
- Example: TenCate, EuroCarbon

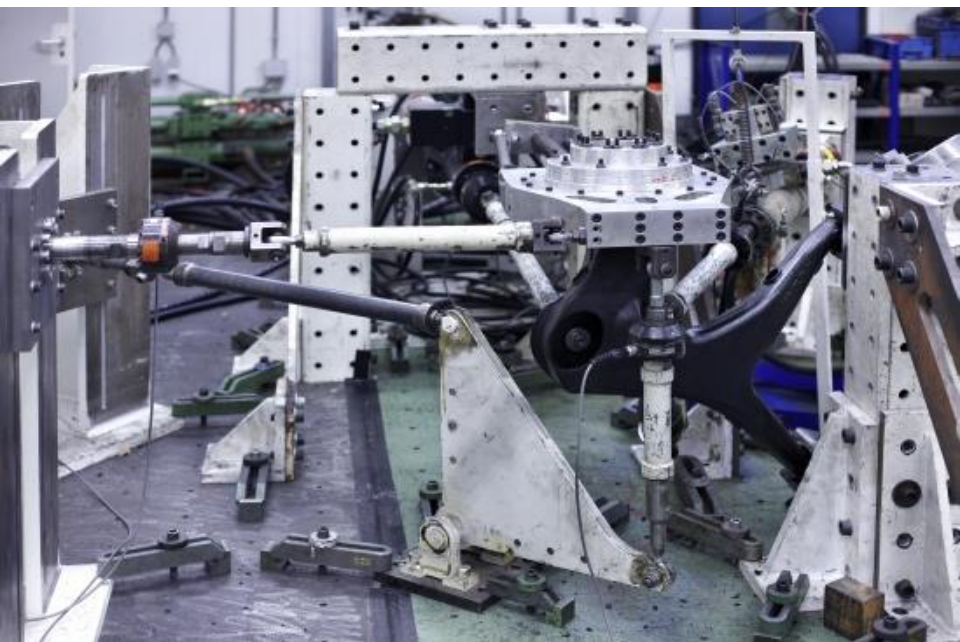




AUTOMOTIVE CAMPUS

Located in Helmond, Brainport Region – The Netherlands

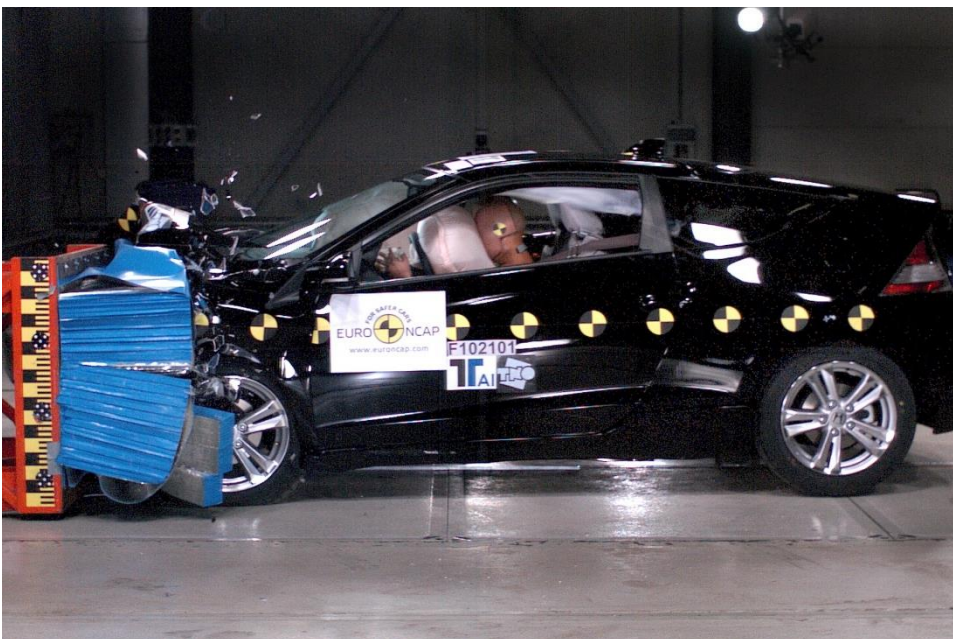
SHARED FACILITIES



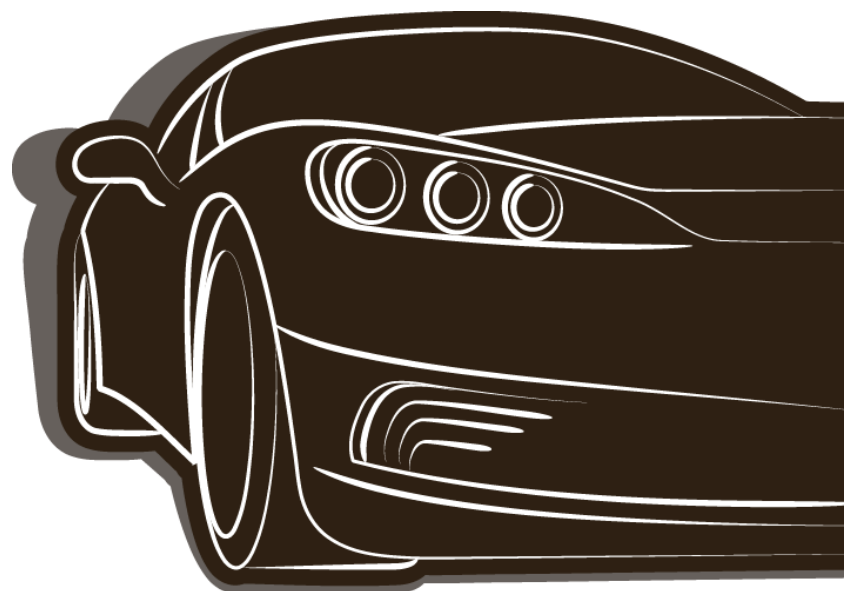
SHARED FACILITIES



OTHER FACILITIES



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