



ZalaZONE Park

OVERVIEW

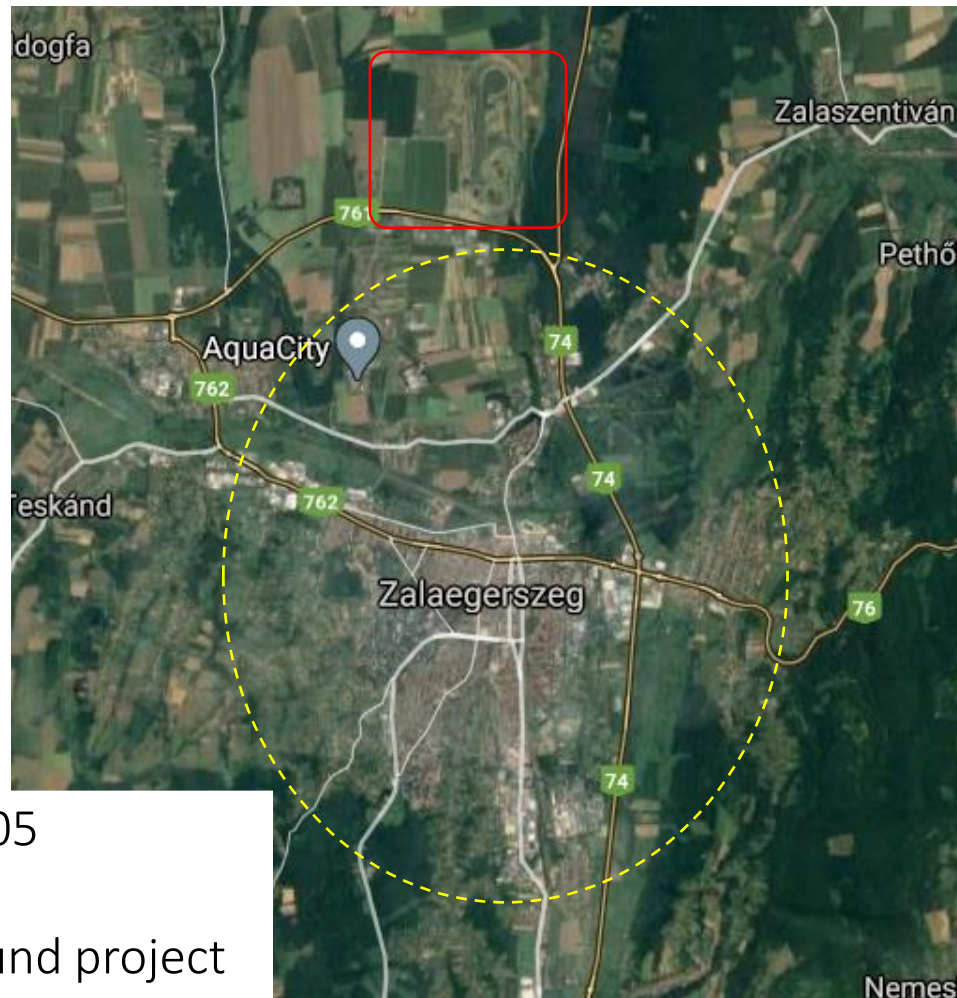
2022



Proving Ground: completed

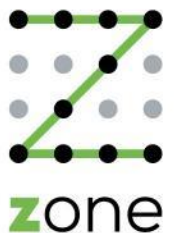


The ZalaZONE park



- ❑ Park development started in 2005 (greenfield)
- ❑ Level up in 2016 by Proving ground project

www.zalaegerszeg.hu



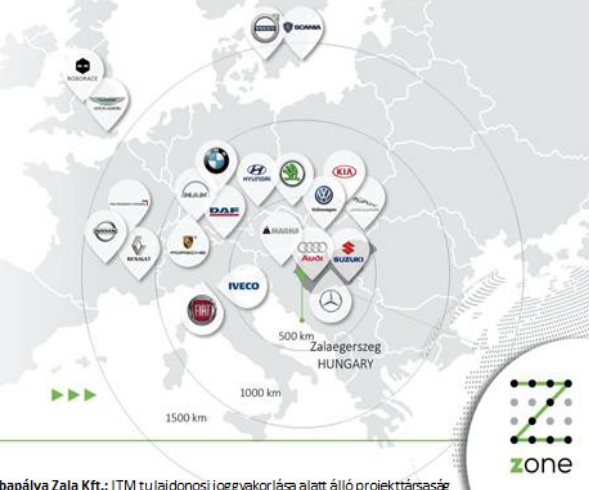
Park stage II launched by proving ground project in 2016

Decision on public investment – Testing zone
Government of Hungary is committed to innovative industries

Capacity constraints
in Europe in area of vehicle dynamic testing

Technology change
in vehicle industry – single vehicle vs. co-operative vehicle control: different development environment is required

Decision of Hungarian Government in 2016: „contribution to the European automotive community”



Test field for classic and automated and connected vehicles in Hungary

Járműipari tesztpálya projekt
Autóipari Próbapálya Zala Kft.: ITM tulajdonosi joggyakorlása alatt álló projektársaság

zone



From vision to realization

PG concept



2016



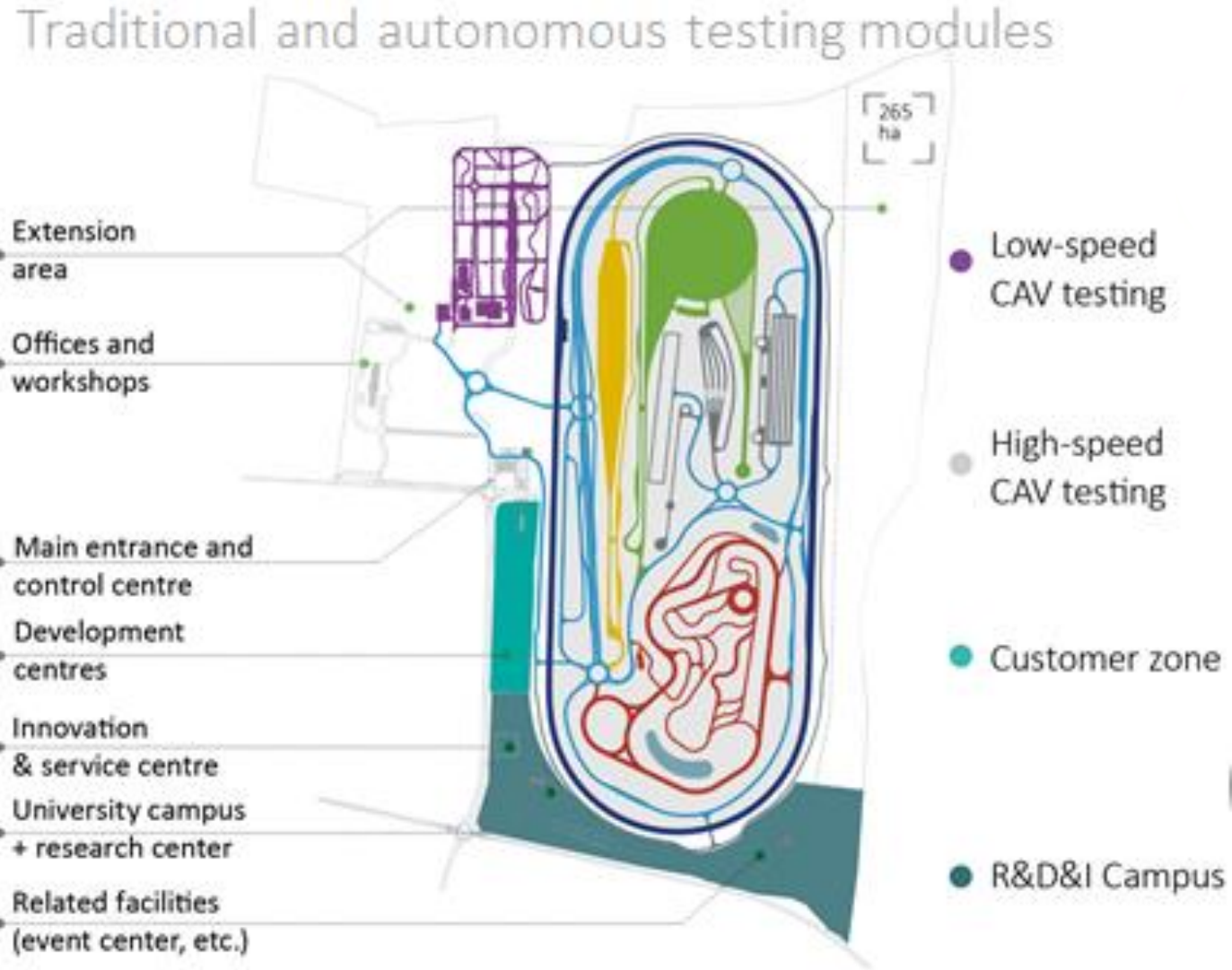
2019



2021



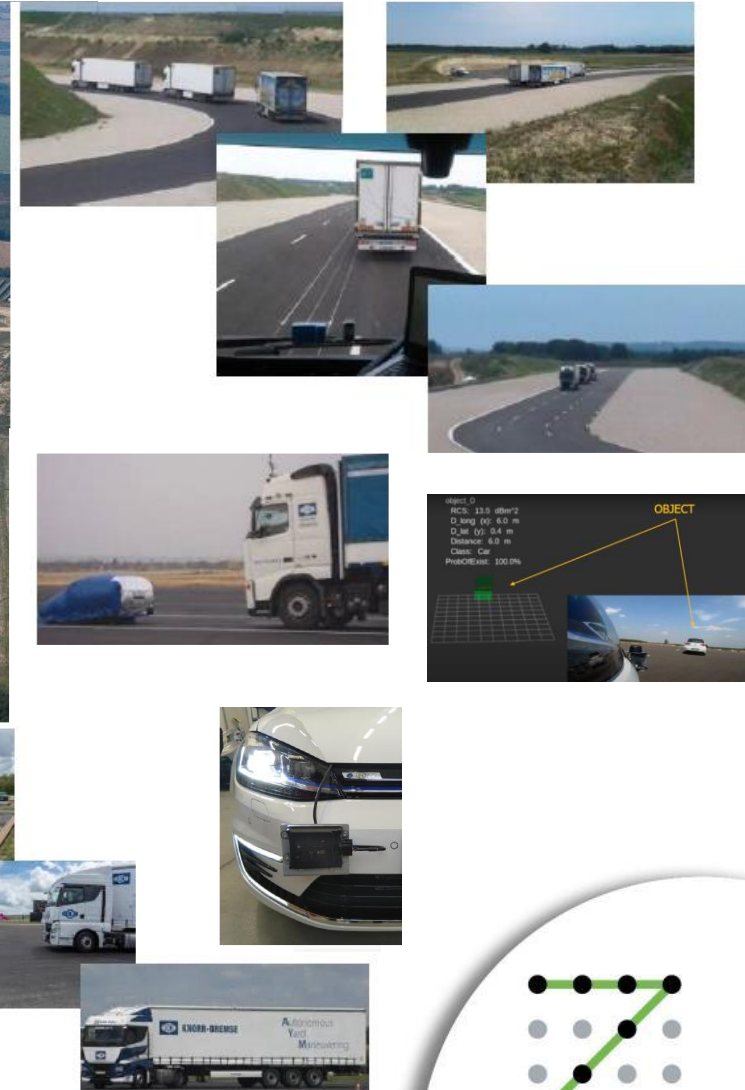
Layout and ecosystem environment



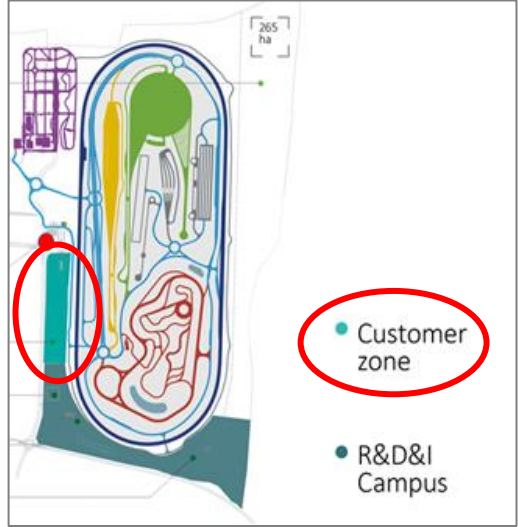
PG in use, ramp-up from from 2019

AVAILABLE FOR COMMERCIAL & RESEARCH ECONOMY:

- Industrial users
- University and R&D users

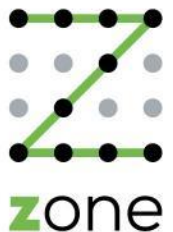


Multiplication impact: industrial development capabilities growing nearby



Defence industry as next level driver of the ecosystem from 2020

Zalaegerszeg:
Strategic basis for manufacturing,
testing and development
„DEFENCE CENTER OF EXCELLENCE”



The Rheinmetall project



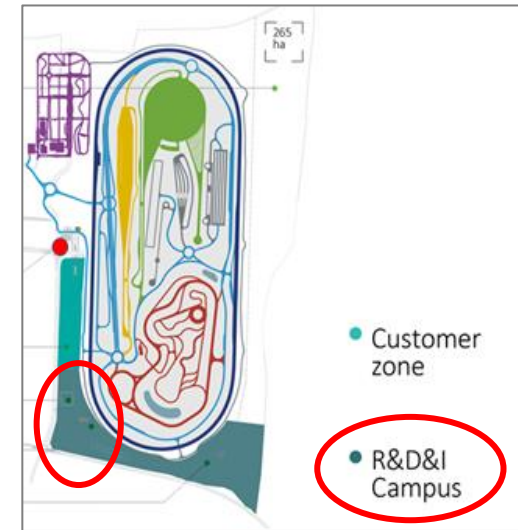
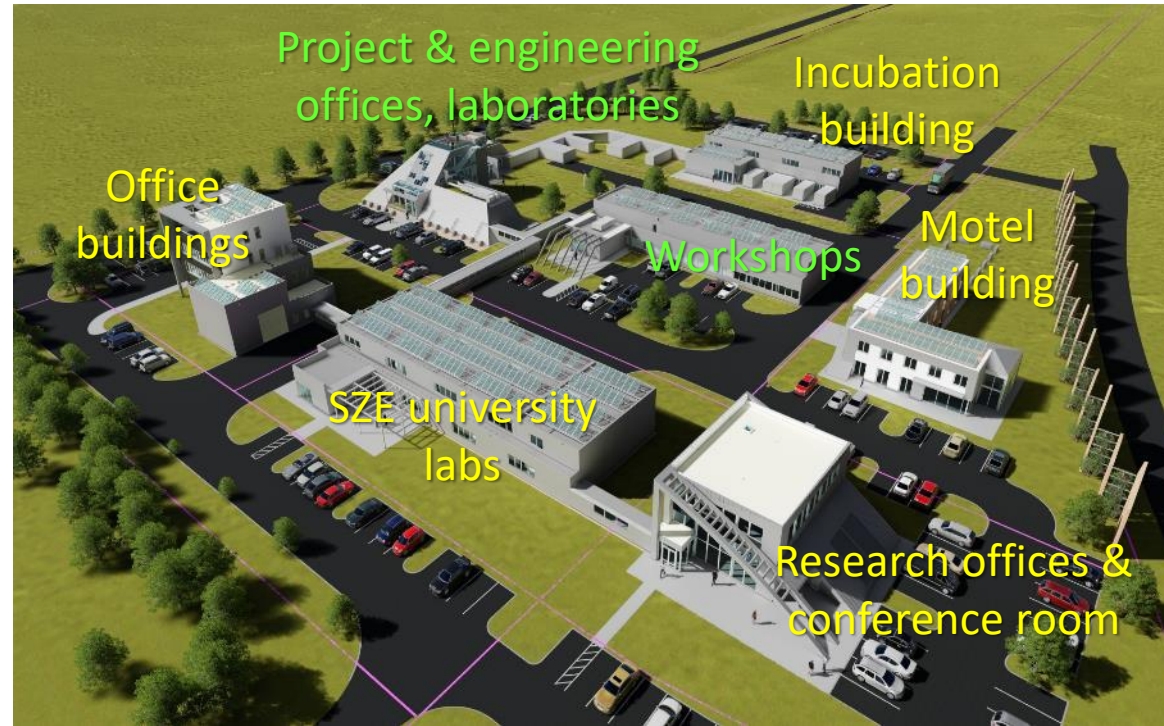
Rheinmetall factory



EMC, Climatic chamber



The ZalaZONE Research & Technology Center



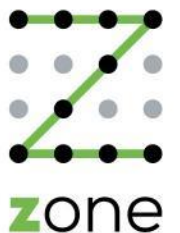
FUNCTIONS:

- University groups
- SMEs
- R&D projects
- Industrial services
- Labs
- Trainee program

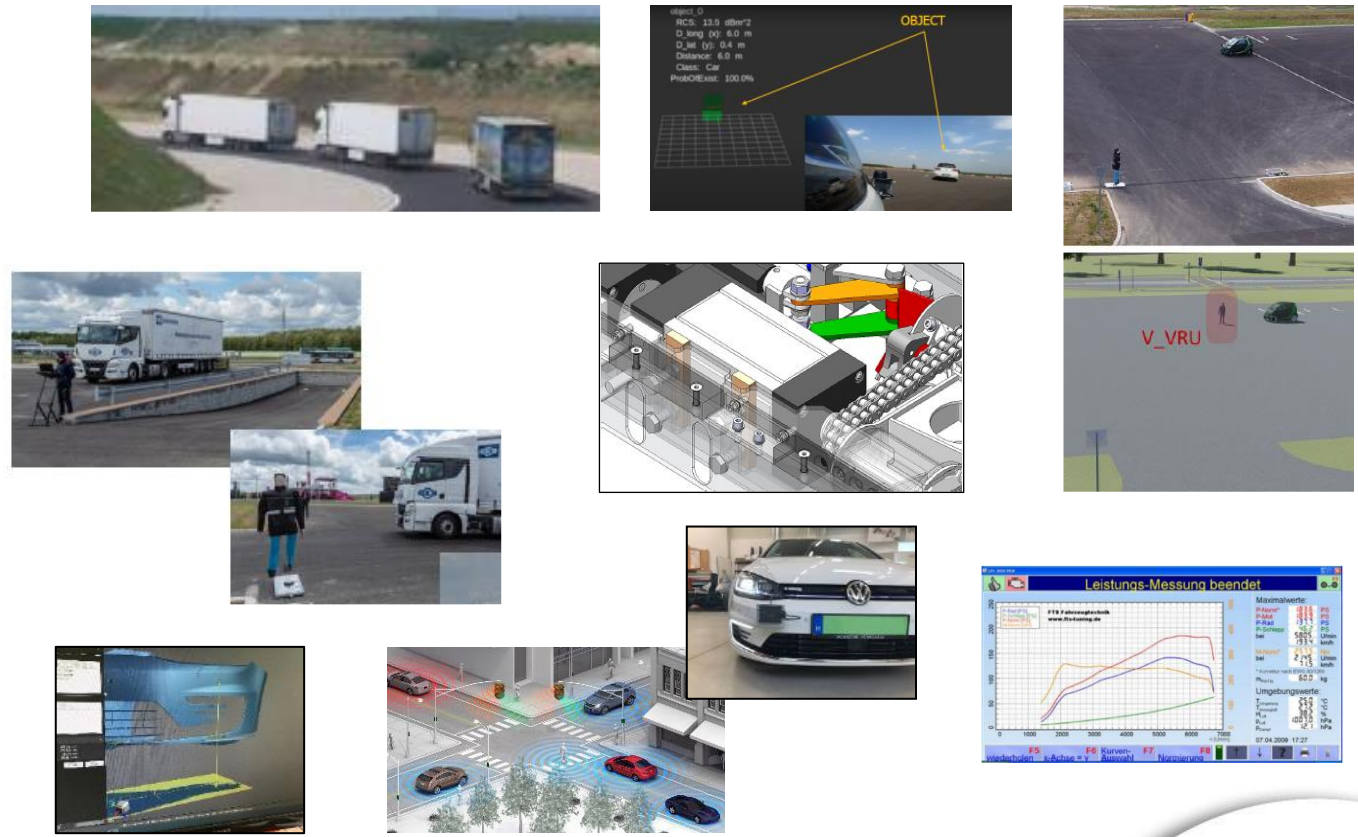
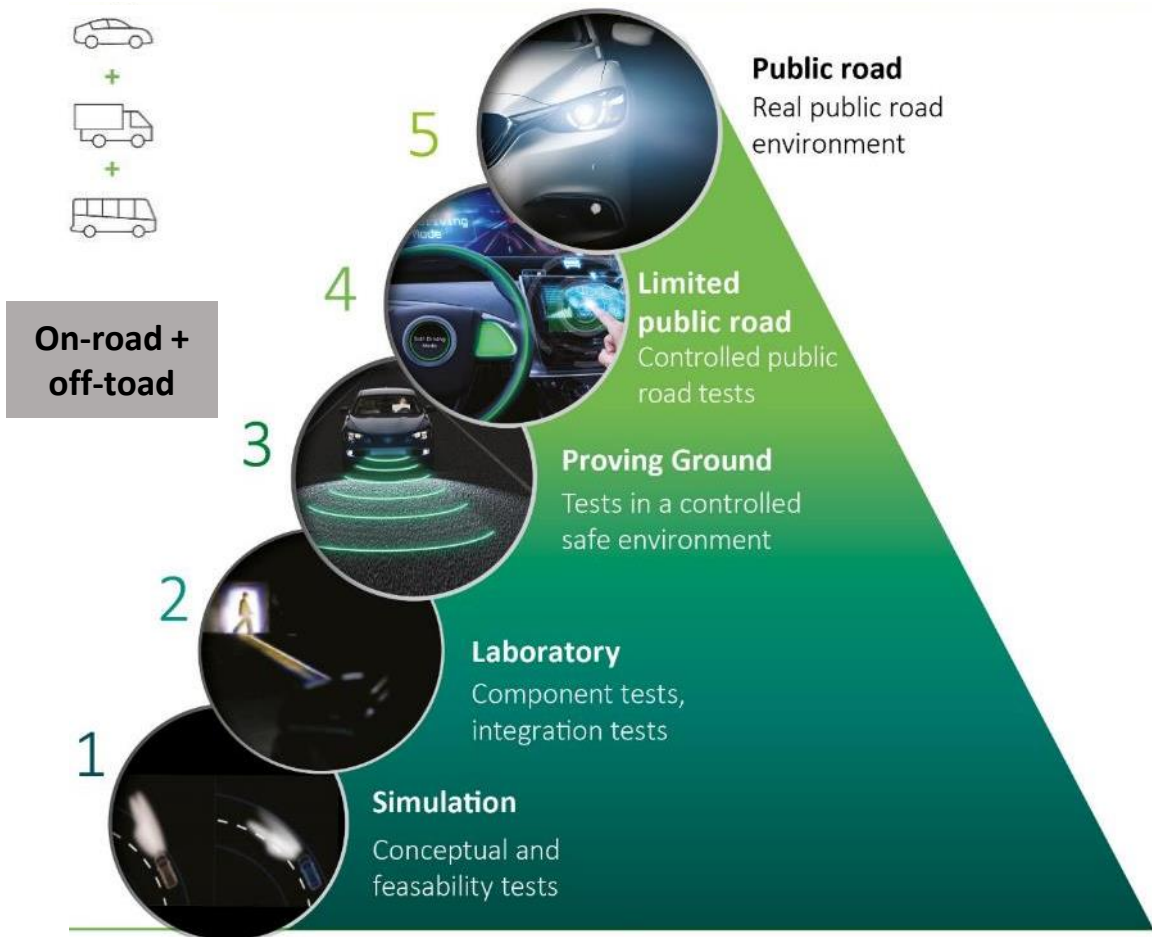


CAPABILITIES:

- Vehicle simulation
- Radar-sensor-camera
- Vehicle measurements
- Industrial systems
- Material analysis lab



Complex technology & competence portfolio for industrial developments



testing • simulation • data • measurements • product planning • materials • manufacturing

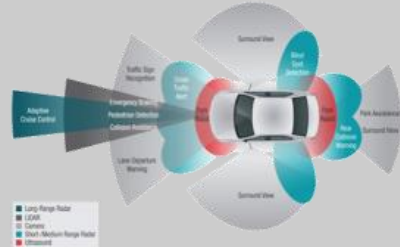


ZalaZONE park technology focus: dual use technology areas

AUTOMATIZATION



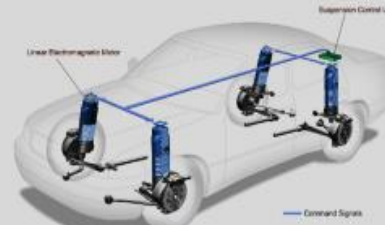
SENSORS



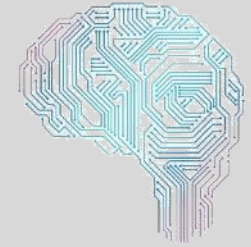
DIGITIZATION



E-MOBILITY



ARTIFICIAL INTELLIGENCE



Product testing, validation and development

Content:

- Autonomous mobility
- Industrial technologies, I4.0
- Connectivity, IoT, Cyber-Physical Systems

The ZalaZONE park as innovation ecosystem – „Science Park”



- Infrastructure
- Equipment
- Knowledge & competence
- Manpower



SUMMARY: the zone



Proving Ground

Rheinmetall area

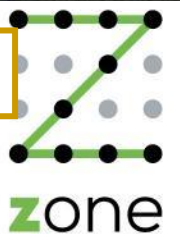
Customer area I

Customer area II

Research & Technology
Center

R&D track modul

Park service



THANK YOU FOR
YOUR ATTENTION!