Piloting Automated Driving on European Roads

TRA2020 webinar

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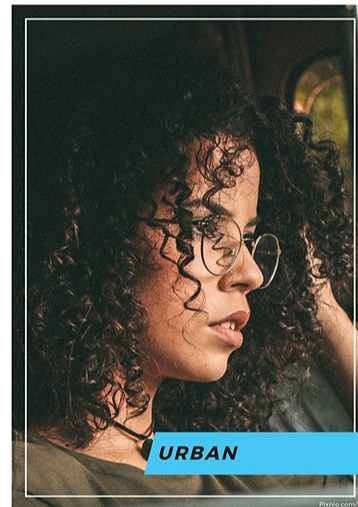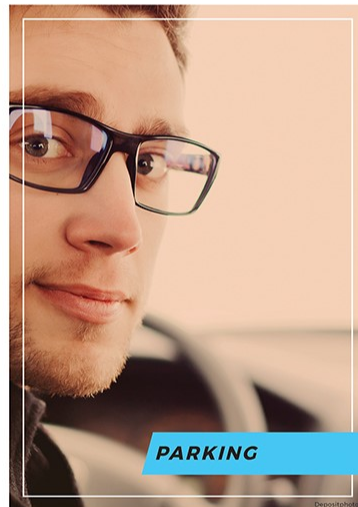
L3Pilot Driving Automation

1000 drivers

100 cars

10 countries

L3 Pilot
Driving Automation

Applications

TRAFFIC JAM

MOTORWAY

PARKING

URBAN

1,000 drivers   **100** cars   **10** European countries

Pilot across Europe

COUNTRY / REGION / PARTNER 📍	
BE / Brussels	Toyota
DE / Aachen	Ford / ika
DE / Munich	BMW
DE / Offenbach	Honda
DE / Wolfsburg	VW
DE / Ingolstadt	Audi
FR / Paris and other regions	REN / PSA
IT / Turin and Trento	CRF
LU / NL	Aptiv
SE / Gothenburg	Volvo
UK / Coventry	JLR
+ Cross-border activities	
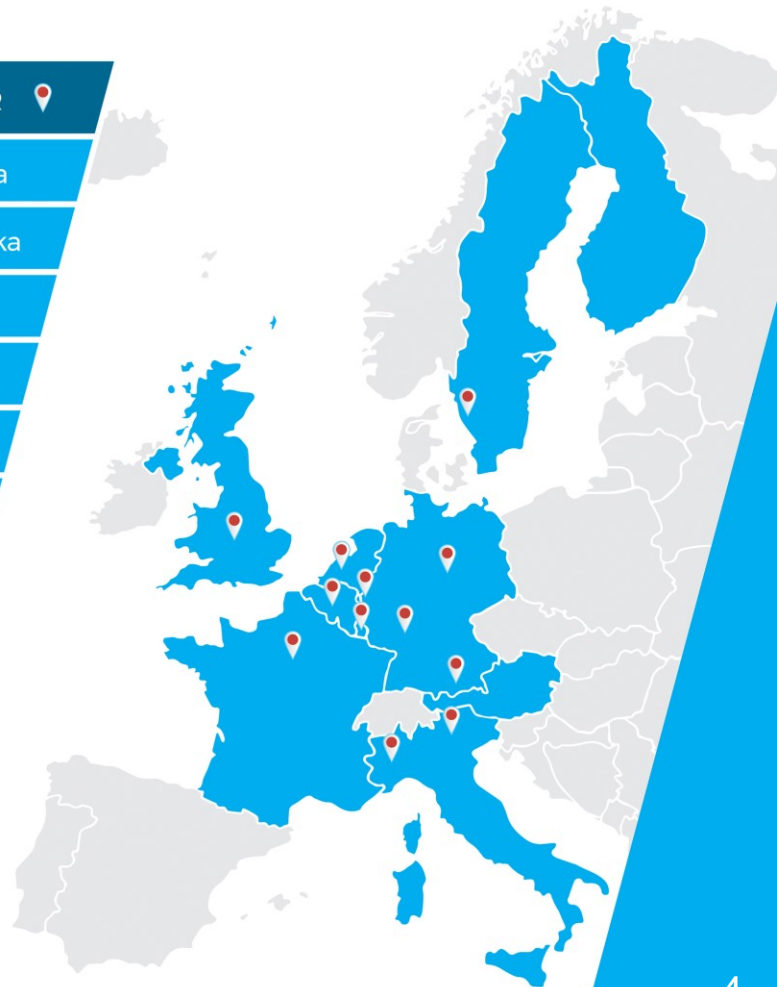
Automated Driving Vehicle Sensing and Positioning
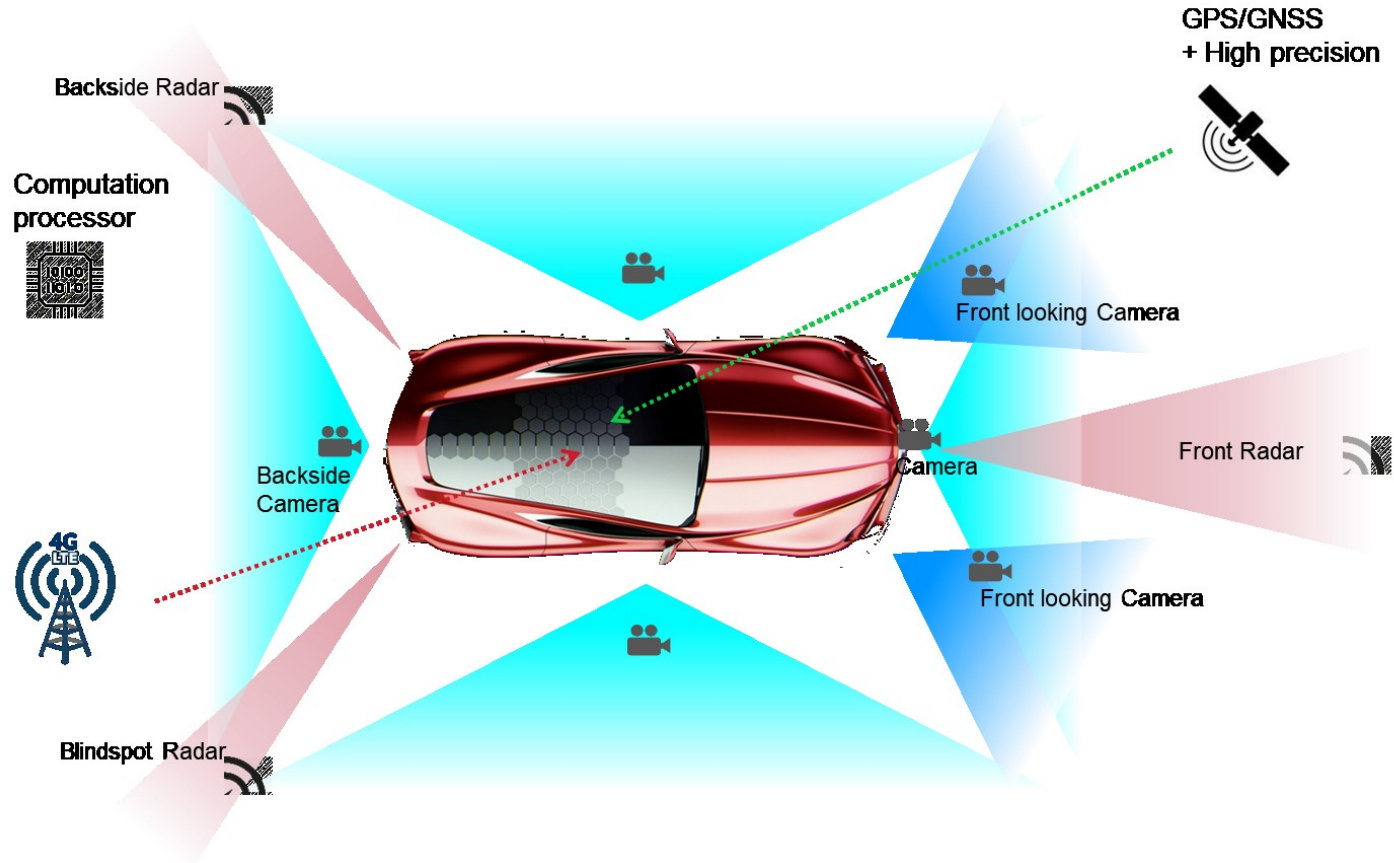
Automated Driving Vehicle Connectivity

Linking directly vehicles and VRUs

short range communication

Vehicle-to-Pedestrians (V2P)

Vehicle-to-Network (V2N)

5G

Linking vehicles and backend services (e.g. traffic management, OEM backend)

Linking vehicles and local safety, efficiency, convenience applications involving other vehicles, VRUs and road infrastructure

5G + MEC

Vehicle-to-Vehicle (V2V)

Vehicle-to-Infrastructure (V2I)

Direct linking among vehicles

short range communication

Linking directly vehicles and road infrastructure

short range communication

Thank you for your kind attention.

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