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Research and
Innovation





Piloting Automated Driving on European Roads

AAAS Annual Meeting

February 16, 2018, Austin, TX, USA

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Volkswagen Group Research

Presented by Ingrid Skogsmo,

European Commission,

Directorate-General Research & Innovation

VOLKSWAGEN

AKTIENGESELLSCHAFT



L3 Pilot

Driving Automation

Feb 16, 2018

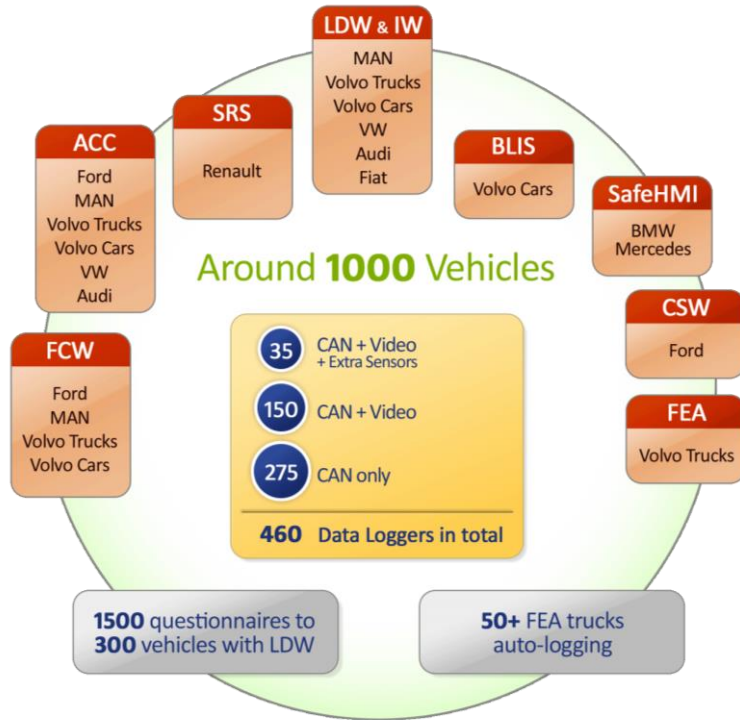
1,000
drivers

100
cars

10
countries

From euroFOT to L3Pilot





Longitudinal control functions

- Forward Collision Warning (FCW)
- Adaptive Cruise Control (ACC)
- Speed Restriction System (SRS)

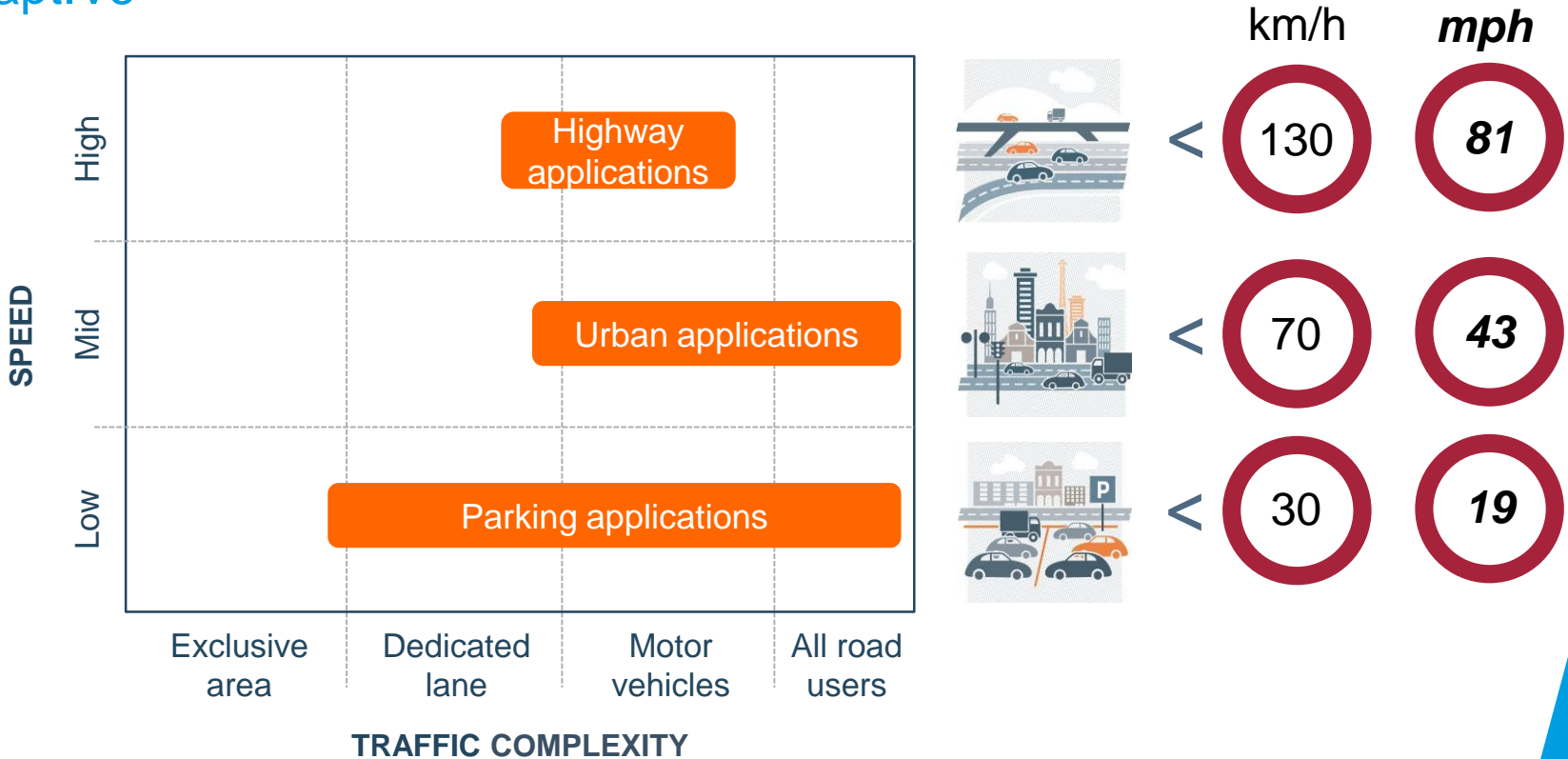
Lateral control functions

- Blind Spot Information System (BLIS)
- Lane Departure Warning (LDW)
- Impairment Warning (IW)

Advanced applications

- Curve Speed Warning (CSW)
- Fuel Efficiency Advisor (FEA)
- Safe Human Machine Interaction (SafeHMI)

AdaptIVe





Motorway



Traffic Jam

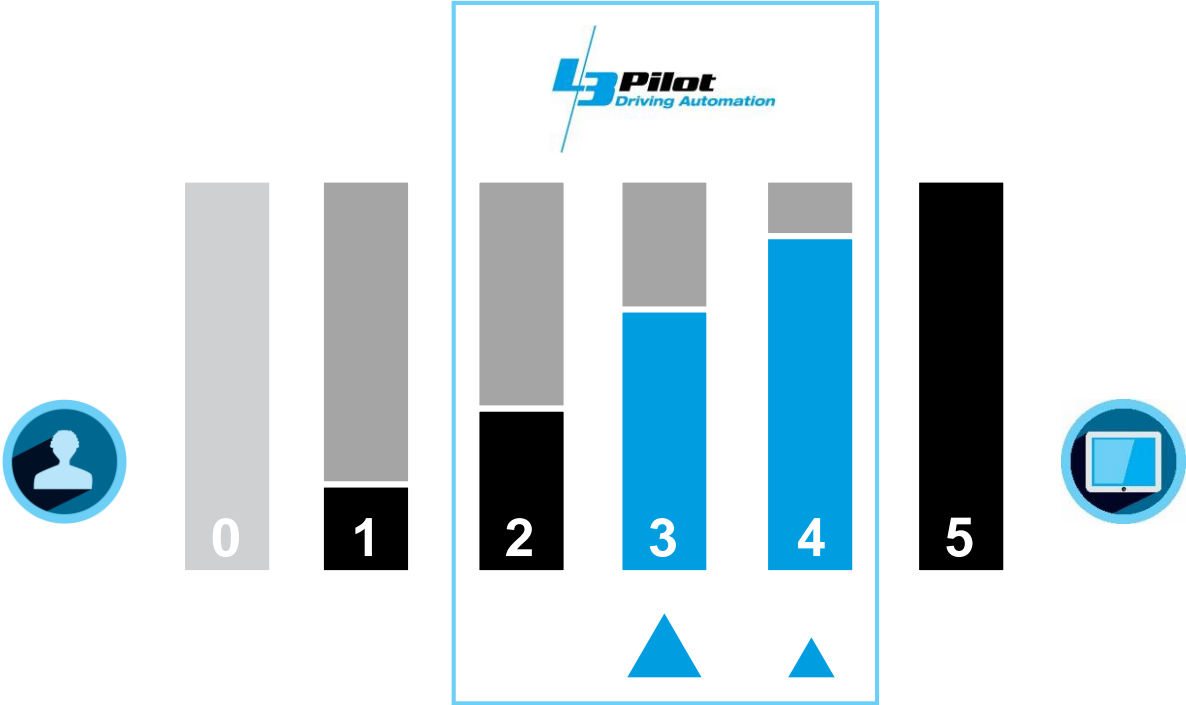


Urban



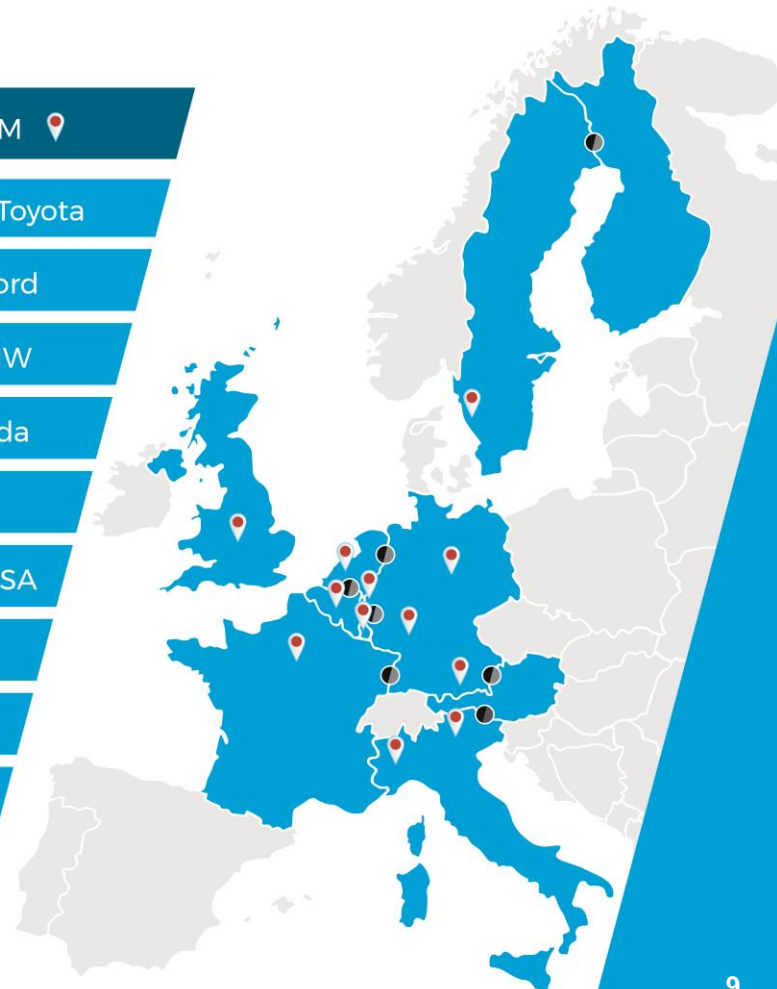
Parking

SAE levels



Pilot across Europe

CROSSBORDER		COUNTRY / REGION / OEM	
	Austria	Germany	BE / Brussels / NL Toyota
	Austria	Italy	DE / Aachen Ford
	Belgium	Germany	DE / Munich BMW
	Belgium	Germany	DE / Offenbach Honda
	Belgium	Netherlands	DE / Wolfsburg VW
	Finland	Sweden	FR / Paris and other regions REN / PSA
	France	Germany	IT / Turin and Trento CRF
	Germany	Netherlands	LU / NL Delphi
	Germany	Netherlands	SE / Gothenburg Volvo
	Germany	Netherlands	UK / Coventry JLR



Facts



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 723051.



€68 million BUDGET








































48 months DURATION, starting in September 2017

€36 million FUNDING

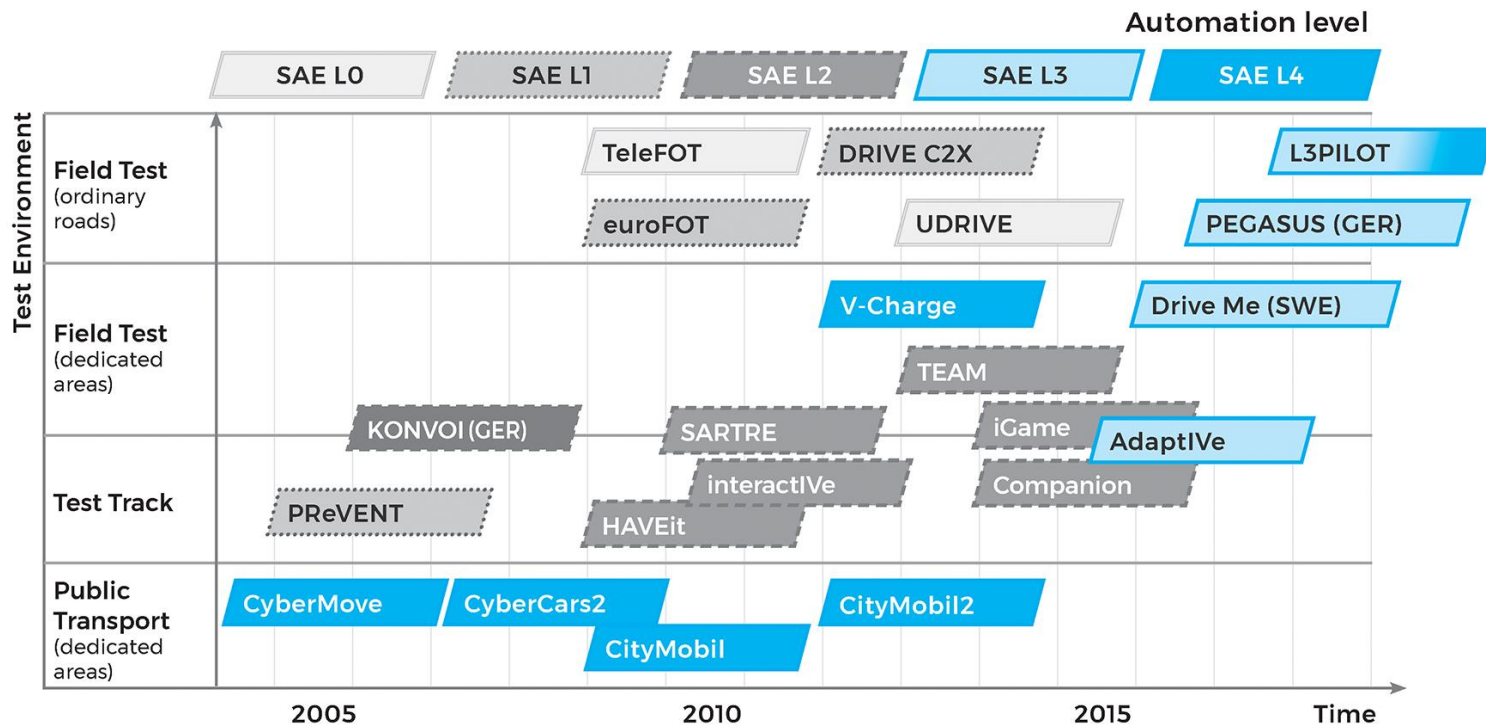
34 PARTNERS, among them OEMs, suppliers, research, SMEs, insurers, authorities and user groups

12 COUNTRIES involved: Austria, Belgium, France, Finland, Germany, Greece, Italy, Netherlands, Norway, Sweden, Switzerland, UK

Partners

OEMs	       		       		
Suppliers	  	Research	     	   	
SMEs	 		   		
Insurers	 	Authorities		User group	

European projects on Automated Driving





Thank you for your kind attention.

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