



Piloting Automated Driving on European Roads

EUCAR Conference

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VOLKSWAGEN
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L3 Pilot
Driving Automation

1,000
drivers

100
cars

10
countries



Motorway



Traffic Jam



Urban










Parking

EUCAR Conference **1,000** drivers

100 cars





































10 European countries

Pilot across Europe

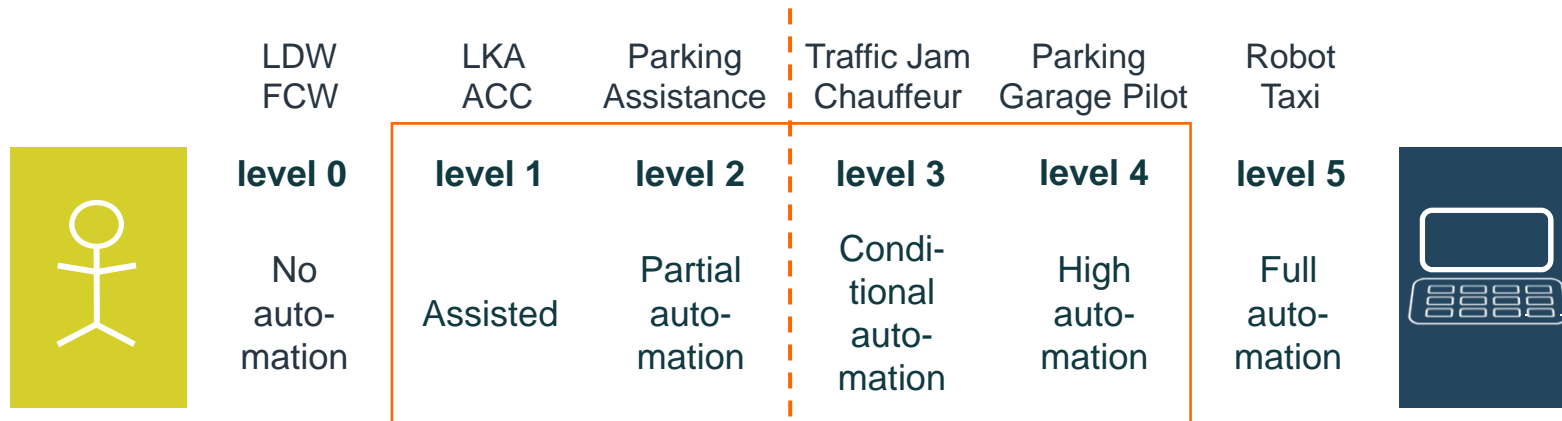
CROSSBORDER		COUNTRY / REGION / OEM	
		BE / Brussels / NL	Toyota
		DE / Aachen	Ford
		DE / Munich	BMW
		DE / Offenbach	Honda
		DE / Wolfsburg	VW
		FR / Paris and other regions	REN / PSA
		IT / Turin and Trento	CRF
		LU / NL	Delphi
		SE / Gothenburg	Volvo
		UK / Coventry	JLR
	Austria	Germany	
	Austria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



Partners

OEMs	      		    	  	
Suppliers	  	Researchers	     		
SMEs	 		     		
Insurers	 	Authority		User group	

Levels of driving automation acc. to SAE and VDA



Driver in the loop

- No significant change with respect to existing driver assistance systems

Driver out of the loop

- Not in accordance with regulatory law (Vienna Convention of 1968, national road law)
- Shared responsibility for control between driver and system
- need for action

Source: SAE document J3016, "Taxonomy and Definitions for Terms Related to On-Road Automated Motor Vehicles", issued 2016-09-30, see also http://standards.sae.org/j3016_201609/

1,000 drivers 100 cars 10 European countries Piloting Automated Driving on European Roads.

Methodology



Data



Evaluation



Fleet

Piloting

Code of Practice

PREPARE

DRIVE

EVALUATE

DEPLOY - Europe-wide Piloting Environment - User Studies - Business Studies



Traffic Jam



Motorway

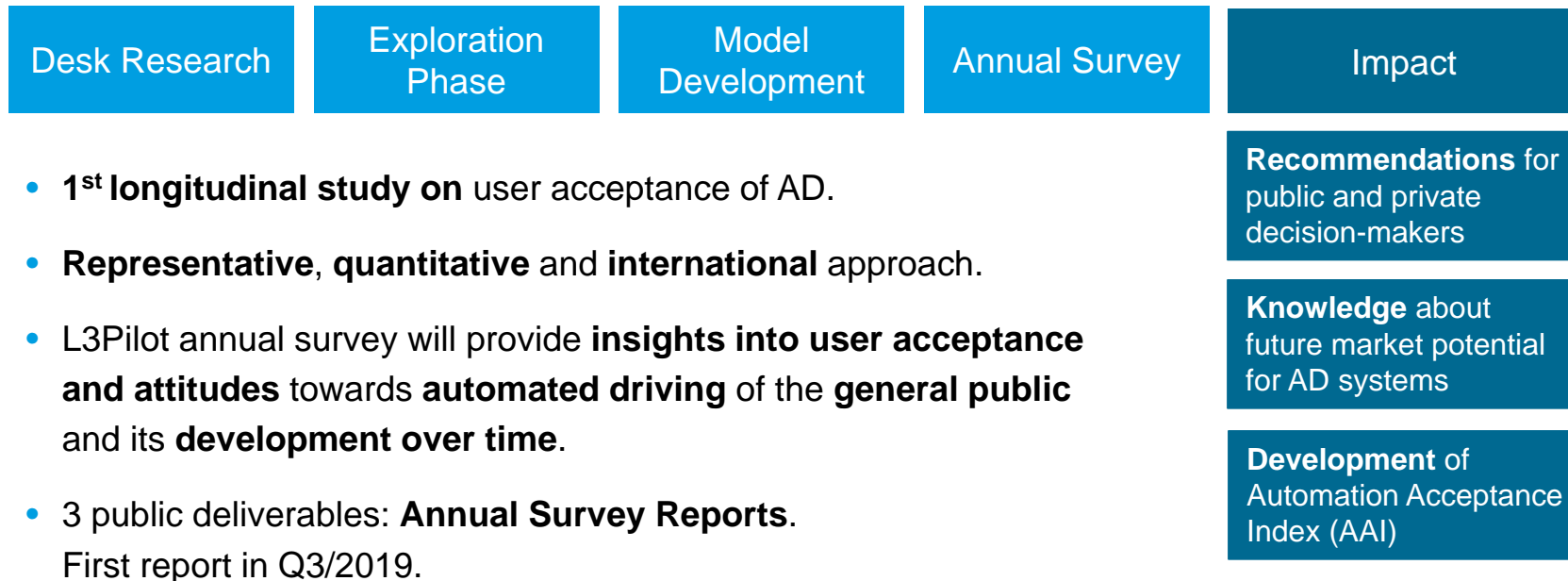


Parking



Urban

L3Pilot Annual Quantitative Survey





Thank you for your kind attention.

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