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*Automated Driving Applications and
Technologies for Intelligent Vehicles*

Aria Etemad
Volkswagen Group Research

Driving Automation: An Outlook

Aachen
29 June 2017

// Potentials for automated driving

Drivers are supported in demanding or repetitive tasks. Travel comfort increases.



Vehicles dynamically adapt the level of automation according to the current situation.



Vehicles react more effectively to external threats.



Vehicles are resilient to different types of system and human failure.



// Demonstrators

Close distance



Urban



Highway



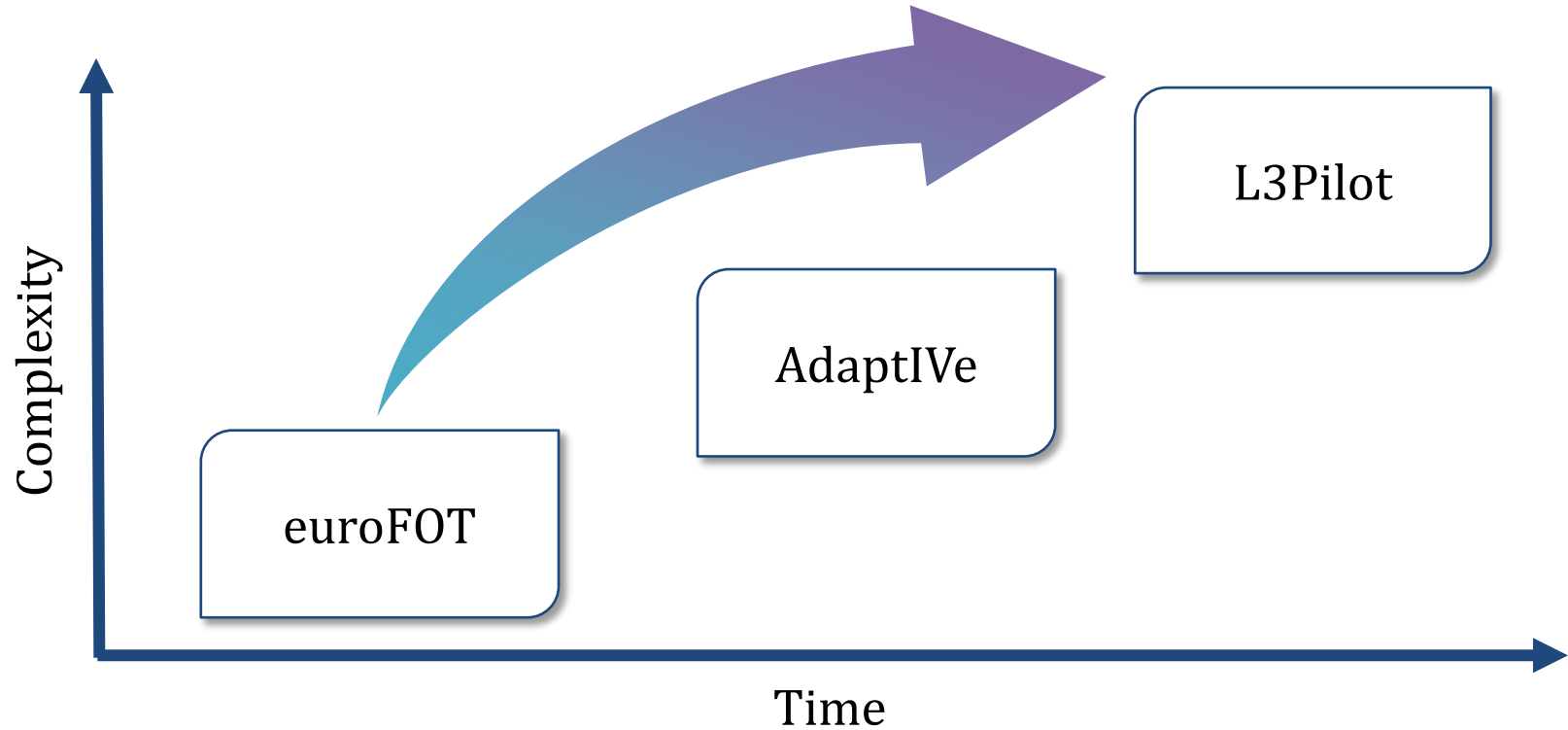


L3PILOT

The word "L3PILOT" is displayed in a sans-serif font. The letter "L" is blue, "3" is black, "P" is black, "I" is black, "L" is black, "O" is black, and "T" is black. The letter "O" is replaced by two stylized car icons: a blue car icon on top and a brown car icon on the bottom, both viewed from a top-down perspective.

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Volkswagen Group Research

From euroFOT to L3Pilot







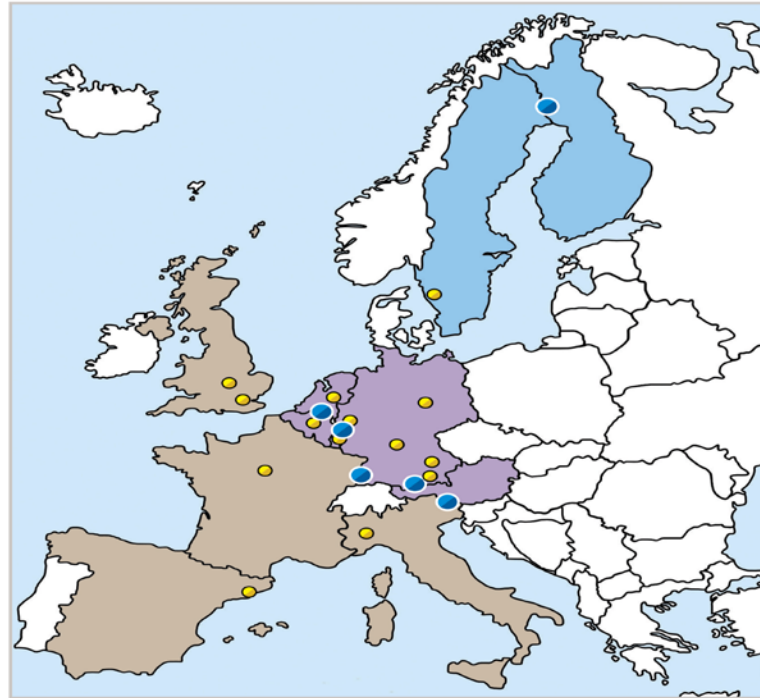
Project Partners

<p>OEMs</p>						
<p>Suppliers</p>						
<p>Research</p>						
<p>SMEs</p>	<table border="1"> <tr> <td data-bbox="243 904 757 1092"> </td> <td data-bbox="757 904 865 1092"> <p>Insurers</p> </td> <td data-bbox="865 904 1561 1092"> </td> <td data-bbox="1561 904 1723 1092"> <p>User groups</p> </td> <td data-bbox="1723 904 1908 1092"> </td> </tr> </table>		<p>Insurers</p>		<p>User groups</p>	
	<p>Insurers</p>		<p>User groups</p>			

Pilot Centers for a Pan-European Pilot

● **Crossborder**

Austria		Germany
Austria		Italy
Belgium		Germany
Belgium		Netherlands
Germany		Netherlands
Finland		Sweden



NORTH

CENTRAL

SOUTH-WEST

● **Country, region - OEM**

- BE, Brussels; NL;**
- ES, Barcelona - Toyota**
- DE, Aachen - Ford**
- DE, Ingolstadt - Audi**
- DE, Munich - BMW**
- DE, Offenbach - Honda**
- DE, Wolfsburg - VW**
- FR, Paris and other regions - REN, PSA**
- IT, Turin - CRF**
- LU; NL - Delphi**
- SE, Gothenburg;**
- UK, London - Volvo**
- UK, Coventry - JLR**



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Thank you.



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