Piloting Automated Driving on European Roads

EUCAR Conference
7th November 2018, Brussels

Aria Etemad
Volkswagen Group Research
1,000 drivers
100 cars
10 countries
# Pilot across Europe

<table>
<thead>
<tr>
<th>COUNTRY / REGION / OEM</th>
<th>Country/Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE/Brussels/NL</td>
<td>Toyota</td>
</tr>
<tr>
<td>DE/Aachen</td>
<td>Ford</td>
</tr>
<tr>
<td>DE/Munich</td>
<td>BMW</td>
</tr>
<tr>
<td>DE/Offenbach</td>
<td>Honda</td>
</tr>
<tr>
<td>DE/Wolfsburg</td>
<td>VW</td>
</tr>
<tr>
<td>FR/Paris and other regions</td>
<td>REN/PSA</td>
</tr>
<tr>
<td>IT/Turin and Trento</td>
<td>CRF</td>
</tr>
<tr>
<td>LU/NL</td>
<td>Delphi</td>
</tr>
<tr>
<td>SE/Gothenburg</td>
<td>Volvo</td>
</tr>
<tr>
<td>UK/Coventry</td>
<td>JLR</td>
</tr>
</tbody>
</table>

**Flag Map:**
- Austria
- Belgium
- Finland
- France
- Germany
- Netherlands

**Dates:**
- 7 November 2018

*EUCAR Conference*
# Levels of driving automation acc. to SAE and VDA

<table>
<thead>
<tr>
<th>Level 0</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>No automation</td>
<td>Assisted</td>
<td>Partial automation</td>
<td>Conditional automation</td>
<td>High automation</td>
<td>Full automation</td>
</tr>
</tbody>
</table>

**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

1,000 drivers 100 cars 10 European countries Piloting Automated Driving on European Roads.
L3Pilot Annual Quantitative Survey

- **1st longitudinal study** on user acceptance of AD.
- **Representative, quantitative** and **international** approach.
- L3Pilot annual survey will provide **insights into user acceptance and attitudes** towards **automated driving** of the **general public** and its **development over time**.
Thank you for your kind attention.

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