

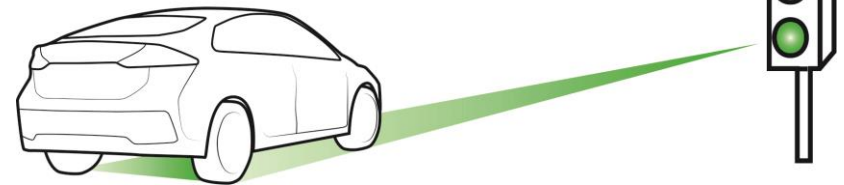
# 'Vehicle automation and cities and regions' workshop

Brussels, Belgium, 10.10.2017  
Bernard Gyergyay – Rupprecht Consult  
Suzanne Hoadley – Polis

 @H2020\_CoEXist  
@MAVEN\_its

 **CoEXist**

**MAVEN**

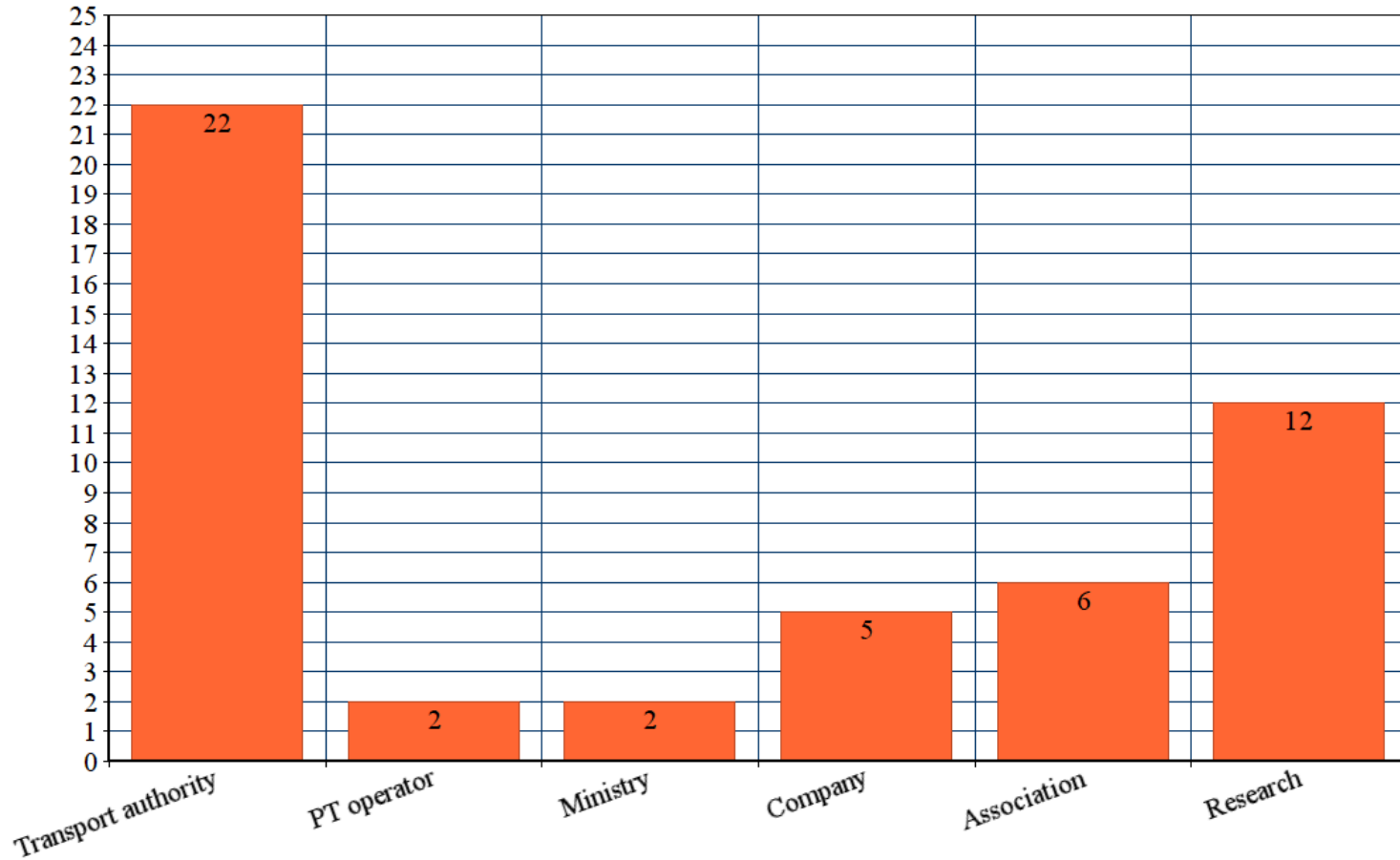


**TransAID**



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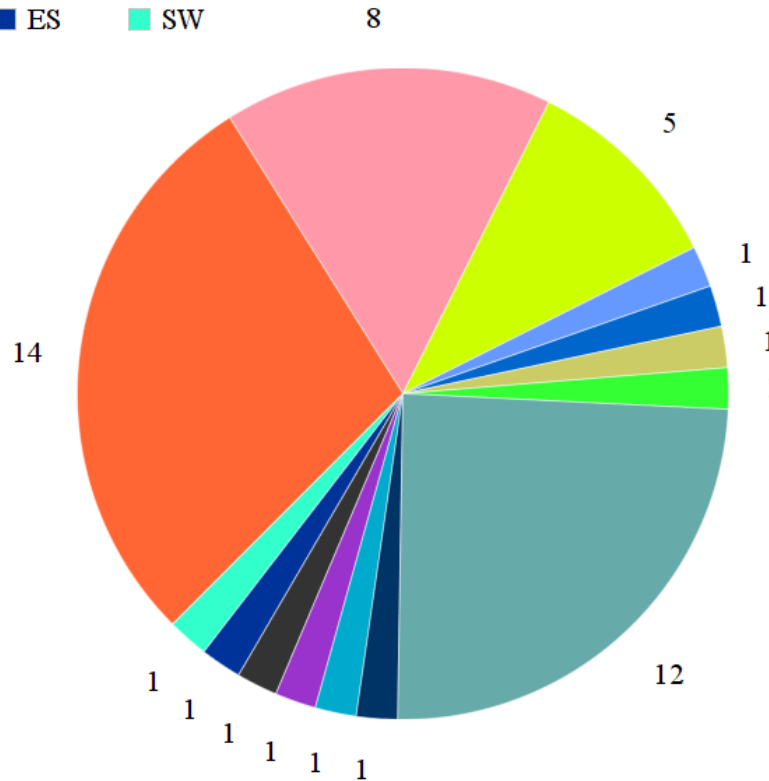
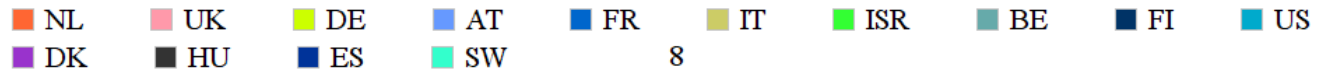
## Sectors represented



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## Countries represented



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# Aim of the workshop

- Current focus of the debate is on vehicles and technology. Let's have a holistic discussion about sustainable urban transport policy rather than industrial policy.
- Kick-start a discussion about the role of CAVs in cities.
- To raise awareness of CAV developments among cities and their potential impacts and the need to prepare for.
- Support cities in the development of policies around CAVs.
- To empower cities to make critical and 'clear-headed decisions' about CAVs.
- Output: recommendations and action plans for cities on planning for CAVs on different scales (i.e. CoEXist, Maven and TransAid)



10.00	Welcome and introduction	<i>Suzanne Hoadley, Polis &amp; Siegfried Rupprecht, Rupprecht Consult</i>
10:15	Brief introduction to projects and small group activities: <ul style="list-style-type: none"> <li>• Planning for automated vehicles (CoExist) <i>Bernard Gyergyay, Rupprecht Consult</i></li> <li>• Automated vehicles, traffic management and infrastructure (MAVEN) <i>Meng Lu, Dynniq</i></li> <li>• Situations in which automated vehicles should not be allowed (TransAID) <i>Jaap Vreeswijk, MapTM</i></li> </ul>	
11:00	Self-driving Cities: Will we have them? Do we need them? Do we want them?	<i>Bart van Arem, TU Delft</i>
11:15	<i>Break</i>	
11.45	The automated vehicle activities of selected cities: <ul style="list-style-type: none"> <li>• Greenwich <i>Ben Dodds, Digital Greenwich</i></li> <li>• Gothenburg <i>Mikael Ivari, city of Gothenburg</i></li> </ul>	
12.15	Automation in urban areas – Polis position paper	<i>Suzanne Hoadley, Polis</i>
12.30	<i>Lunch</i>	
13.15	Round I of parallel small group sessions CoEXist, MAVEN and TransAID	
14.45	<i>Break</i>	
15.15	Round II of parallel small group sessions CoEXist, MAVEN and TransAID	
16.45	Wrap up	
17.00	Close of workshop	



# Scenarios

## Automated Private Vehicles

- Continuous development of advanced driving assistance systems (Level 2-4)
- Mode shift towards automated private vehicles

## Shared Automated Vehicles

- Level 4 – 5
- Vehicles on demand
- Empty rides for reallocation
- Reduced private vehicle ownership

## Automated Public Transport

- Level 4 – 5
- Automated feeder systems for core PT network
- Making PT more attractive

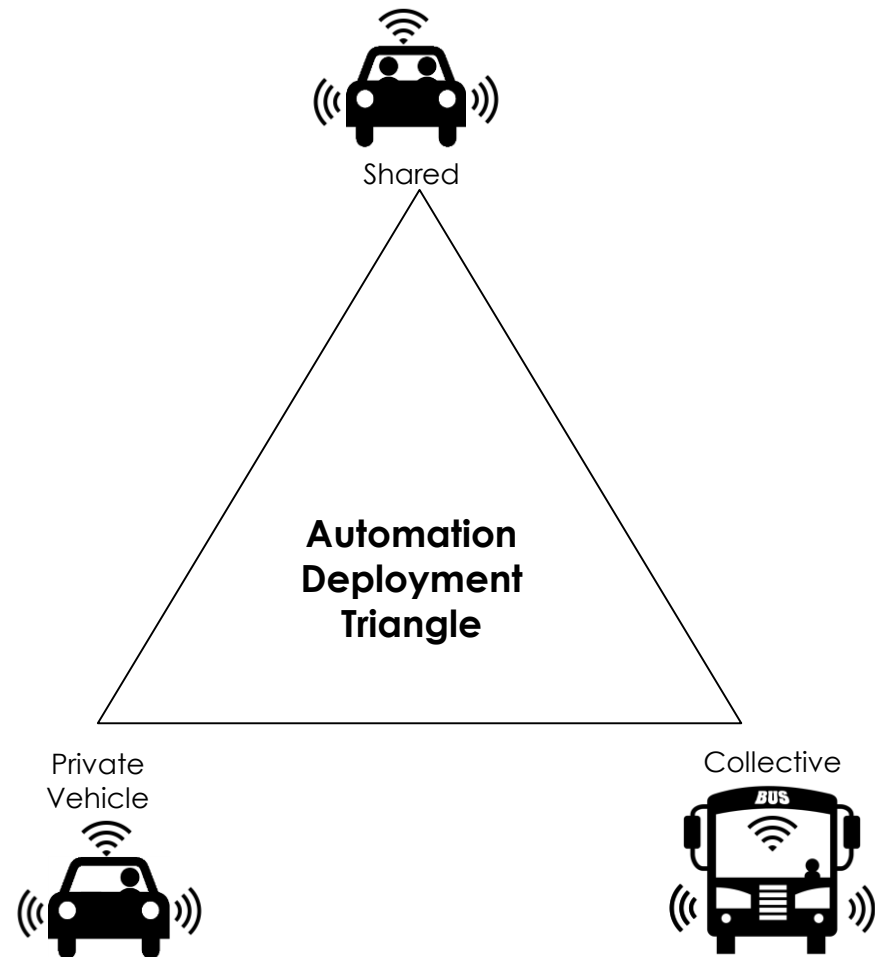


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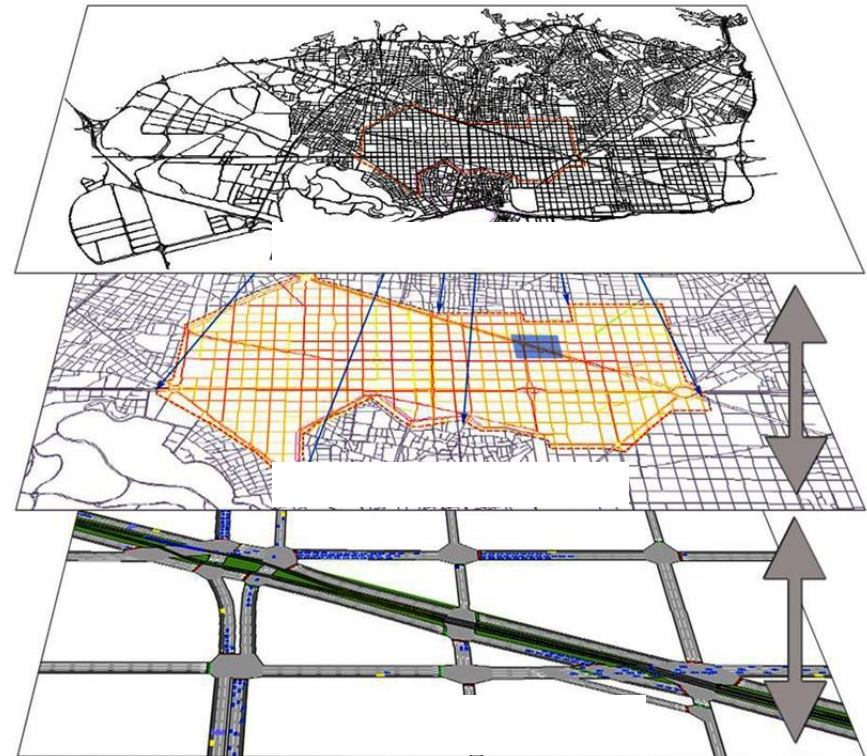
# Scenario-neutral CAV deployment approach

- Assumption that European cities will experience a very wide range of CAV deployment due to unique local circumstances with regards to the mode share between privately, shared or collective CAVs.



# Division and scope of projects

- City-wide - Strategic planning:  **CoEXist**  
CoEXist
- Corridor/junctions - Traffic management:  **MAVEN**  
MAVEN
- Specific transitions zones:  **TransAID**  
TransAID





# Thank you for listening!



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