



YOUR DEVELOPMENT PARTNER

New assessment and testing methods – Challenges for Technical Services

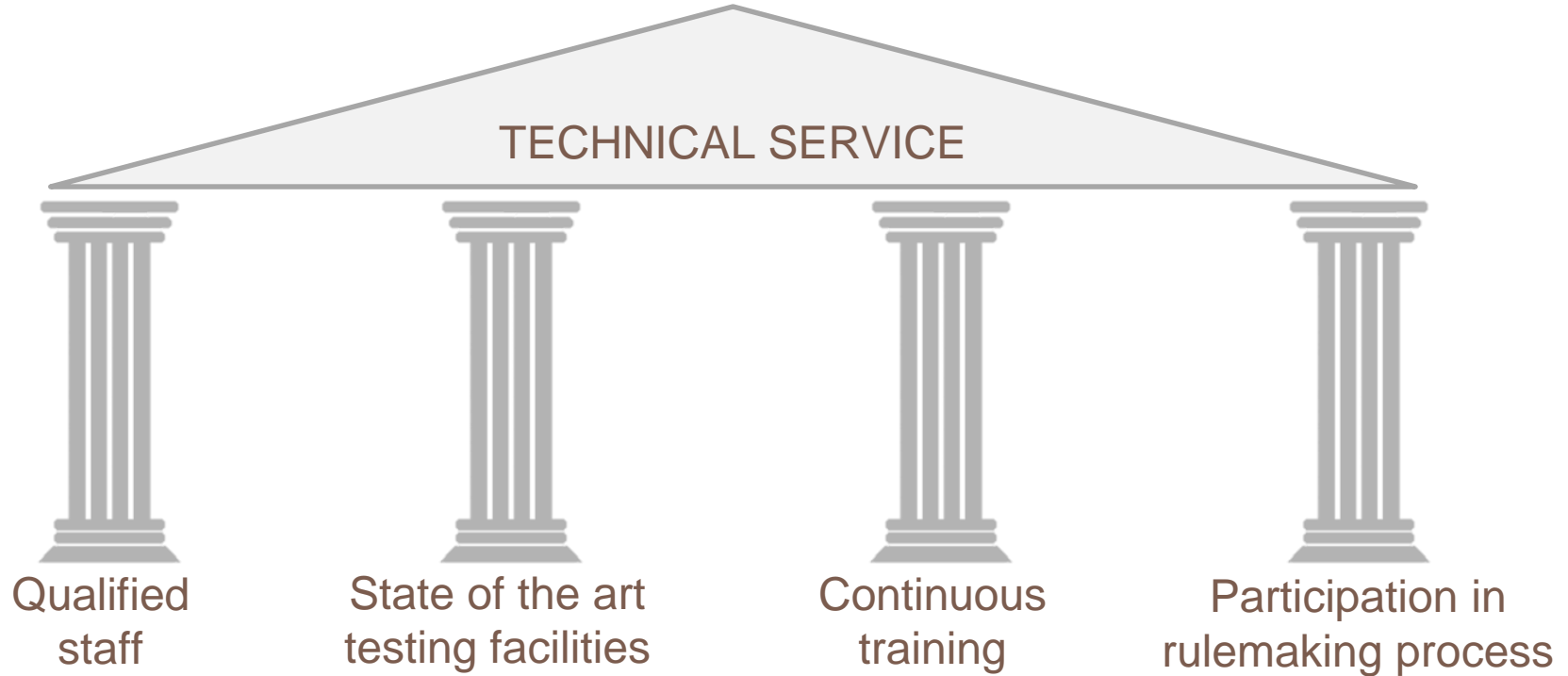
EUCAD Session BO8 22/04/2021

Marta Tobar

R&D Homologation Project Manager

Future Trends

New approaches and processes require **new tools**



Future Trends

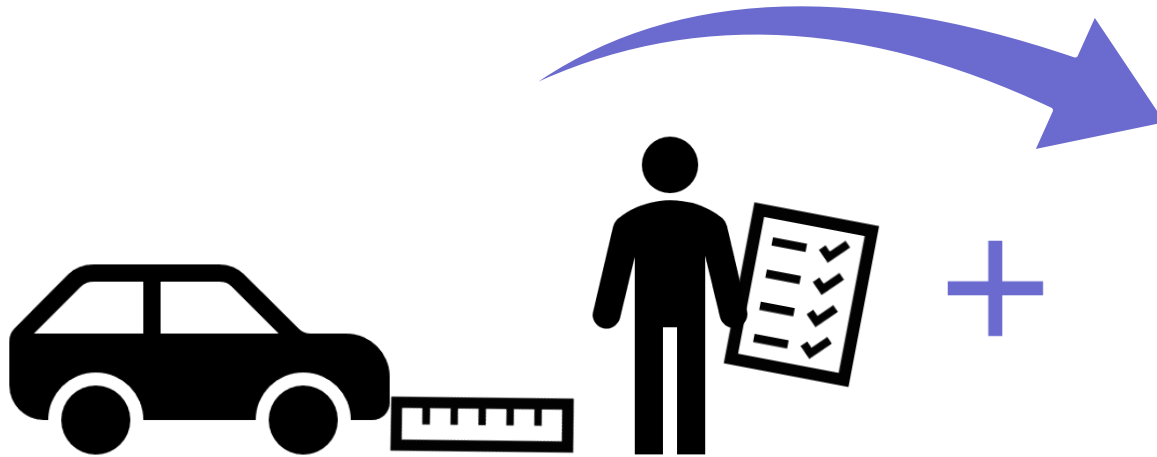
New approaches and processes require **new tools**

Qualified staff

State of the art testing facilities

Continuous training

Participation in rulemaking process



Methodology knowhow



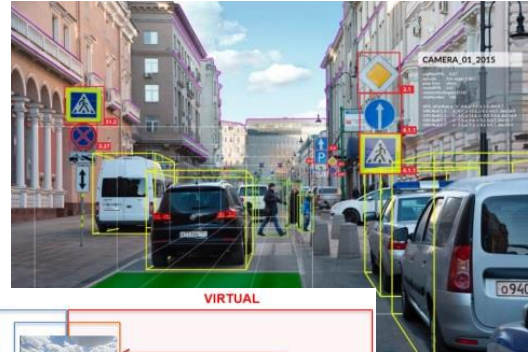
Future Trends

New approaches and processes require **new tools**

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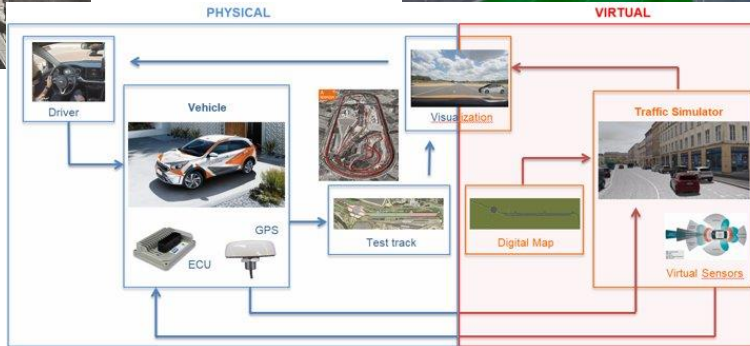
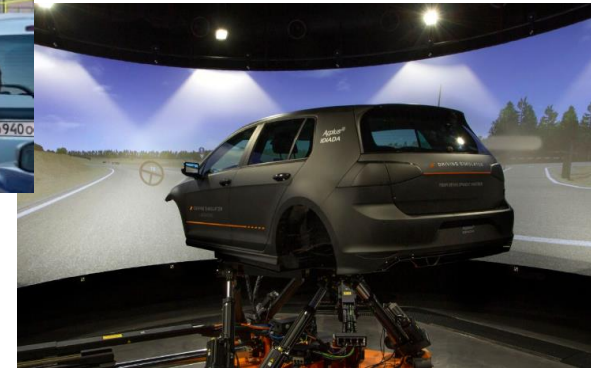


State of the art
testing facilities



Continuous
training

Participation in
rulemaking process



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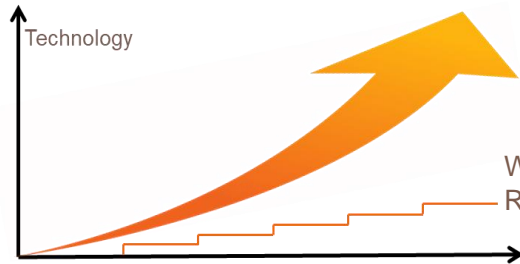
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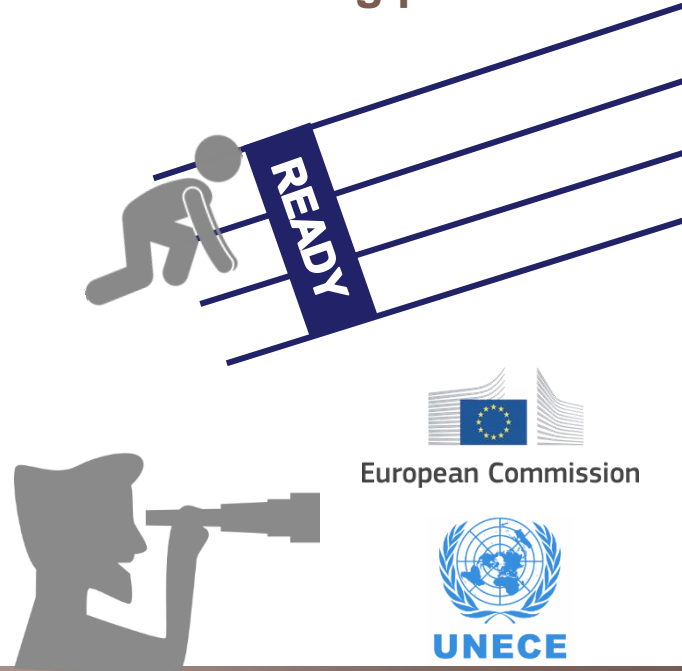
Participation in rulemaking process



New players & Traditional OEMs



WP29 - ITS/ AD Recommendations
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European Commission



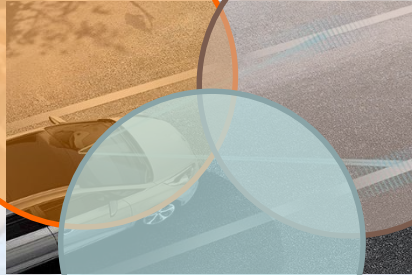
UNECE

Future Trends

UN Regulation No 157: Automated Lane Keeping Systems

- First UN Regulation that covers a SAE level 3 system
- ALKS controls the lateral and longitudinal movement of the vehicle for extended periods **without further driver command**

Audit + Simulation



Track Testing

Real World Testing

Future Trends

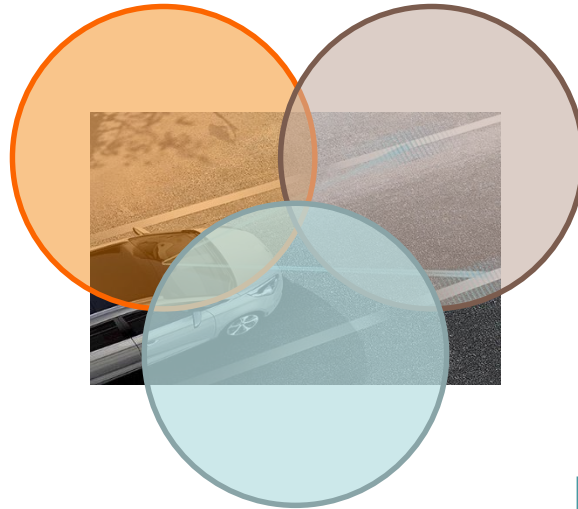


Define testing methodologies including scenario-based validation procedures using a multi pillar approach

<https://www.headstart-project.eu/>

Audit + Simulation

Track Testing






Real World Testing



Horizon 2020
European Union Funding
for Research & Innovation

Future Trends

Connected and automated driving European Projects

 <p>ENSEMBLE</p>	<p>Implement and demonstrate multi-brand truck platooning on European roads</p> <p>https://platooningensemble.eu/</p>
 <p>connected automated driving.eu</p>	<p>Common approach for the development, testing, and validation of Connected, Cooperative and Automated Driving</p> <p>https://connectedautomateddriving.eu/about/arcade-project/</p>
 <p>SHOW AUTOMATED URBAN MOBILITY</p>	<p>Real-life urban demonstrations of connected, electrified and automated urban transport taking place in cities across Europe</p> <p>https://show-project.eu/</p>



Questions?
Comments?

Thank you for your kind attention

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