



FIX DIFA Conference Daegu

Mobility and Digital Transformation in the European Regulatory Landscape

Introducing DEKRA Technology Center

Europe's largest independent test center

DEKRA Automotive Technology Center

- 540 hectares proving ground
- 250 engineers & technicians
- 200+ test benches
- 21 test tracks
- 10 test labs



DEKRA Technology Center – Transformation to Future Mobility

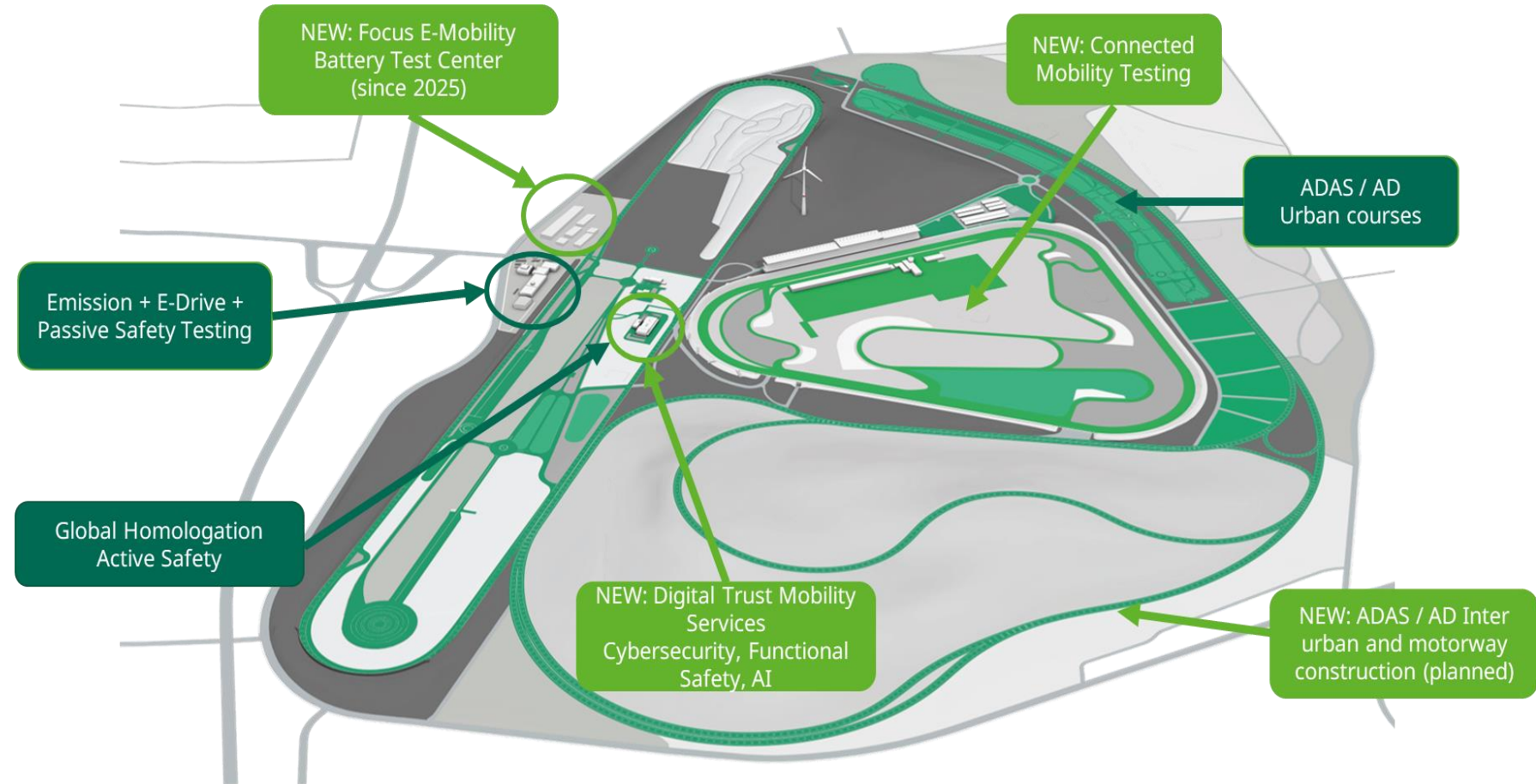


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What will change with Automated Driving - a regulatory perspective





What will change with Automated Driving - a technical perspective



An aerial photograph of a road intersection. In the center, a dark blue Audi sedan is driving towards the viewer. To its left, a dark blue SUV is parked. Further left, a white truck is partially visible. In the upper left, a light blue truck is parked. A cyclist is riding in the center lane, and a pedestrian is walking on the sidewalk. Several other cars are visible in the background. The road has white lane markings. The surrounding area includes a blue running track on the left and a grassy area on the right.

What will Change with Automated Driving - A type approval perspective





What will change with Automated Driving - a vehicle lifetime perspective





What will change with Automated Driving - Summary

Video „Scenario Based Testing“





AI



self-driving
mode

Cybersecurity

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1101 11 001 100 1 111 10 111 0101



Functional Safety

100.
YEARS
SECURING THE
FUTURE
1925 - 2025

Driving Automotive
Cybersecurity with UN R155
- A DEKRA perspective

A Scalable, Future-ready Automotive Testing Tool

aligned with evolving threats and regulations



End-to-end automotive cybersecurity testing tool covering the full vehicle lifecycle



UN R155-aligned platform, enabling structured, compliant cybersecurity evaluations for type approval



Lifecycle-based cybersecurity framework, supporting OEMs and Tiers from design to decommissioning

Strengthening our leadership in vehicle **cybersecurity testing and homologation** starting with Klettwitz and expanding globally



Multi-protocol coverage such as CAN, Automotive Ethernet, Bluetooth, Wi-Fi, RF, etc.



Delivering **+100 test cases** mapped to UN R155 requirements.



Providing **expert-lead insights** for testing R155 risks mitigation.



Continuous improvement model through **real projects and continuous feedback**.



Which impact has Artificial Intelligence – A mobility usecase