



With SensePlanAct towards Automated Driving

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Continental Corporation

Overview 2015

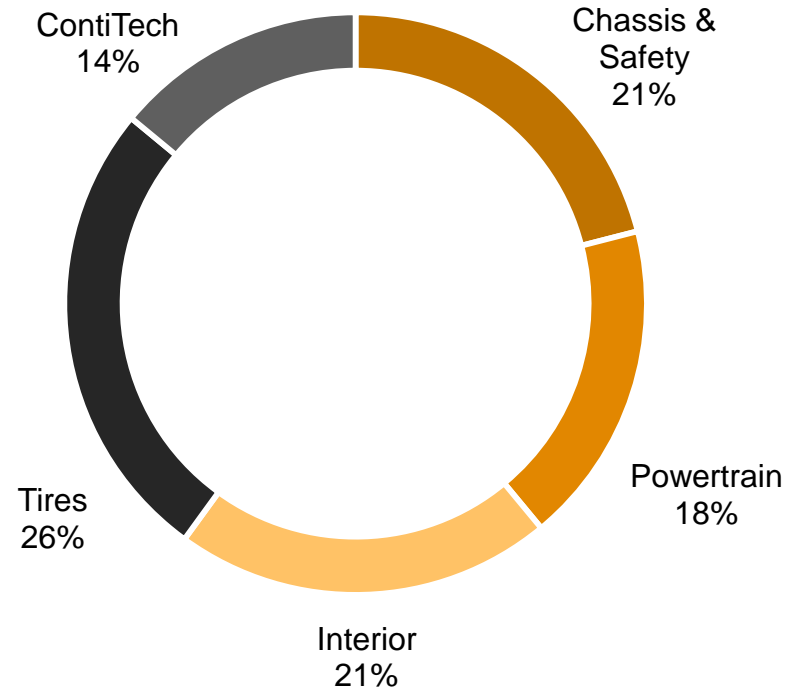
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- › Since 1871 with headquarters in Hanover, Germany

 - › Sales of €39.2 billion

 - › 207,899 employees worldwide

 - › 430 locations in 55 countries

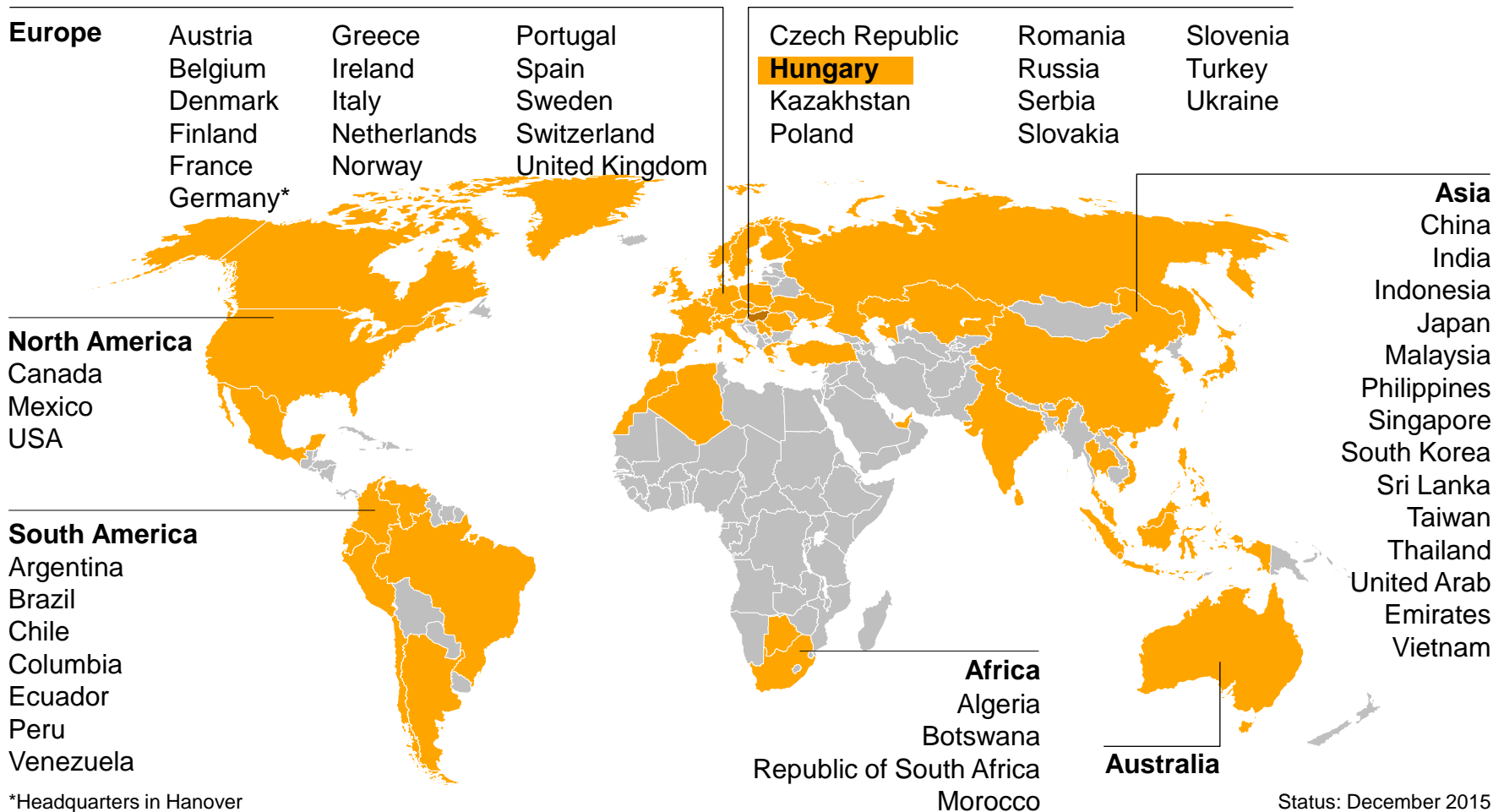
Sales by division in %



Status: December 31, 2015

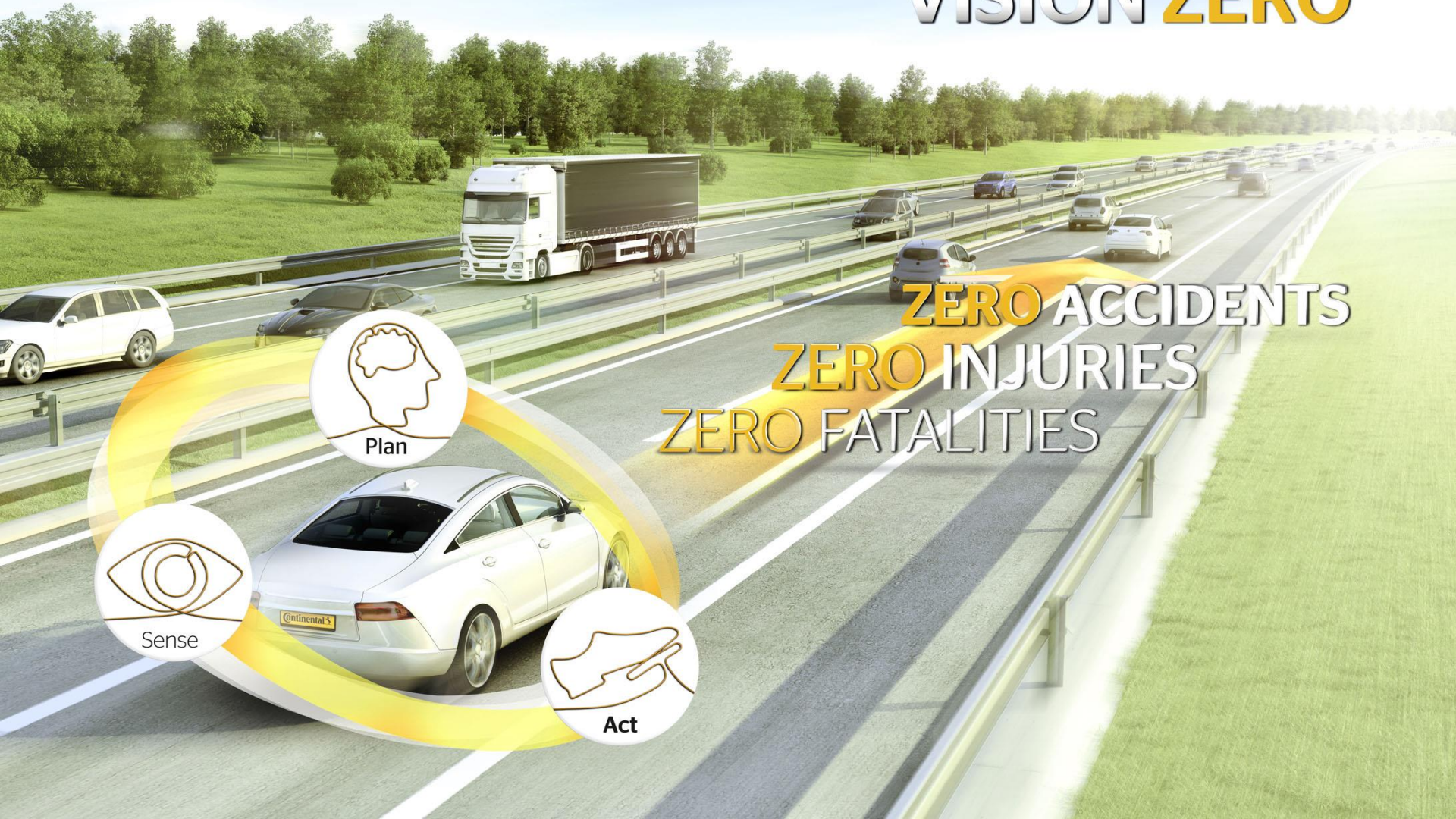
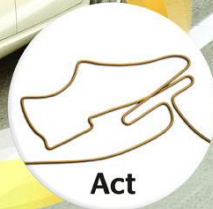
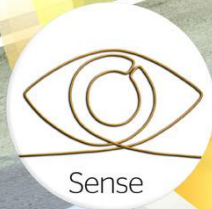
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430 Locations in 55 Countries



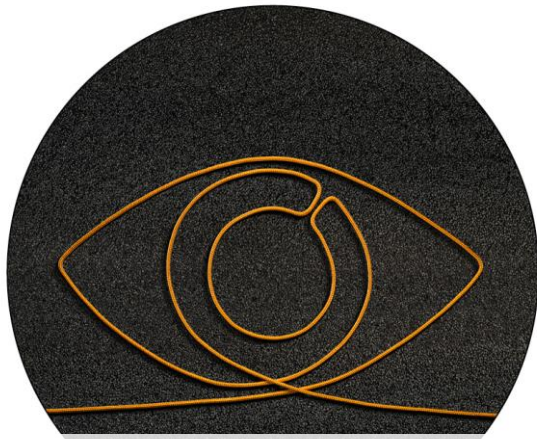
Safe and Dynamic Driving
towards **VISION ZERO**

ZERO ACCIDENTS
ZERO INJURIES
ZERO FATALITIES



Our core competencies along the chain of effects

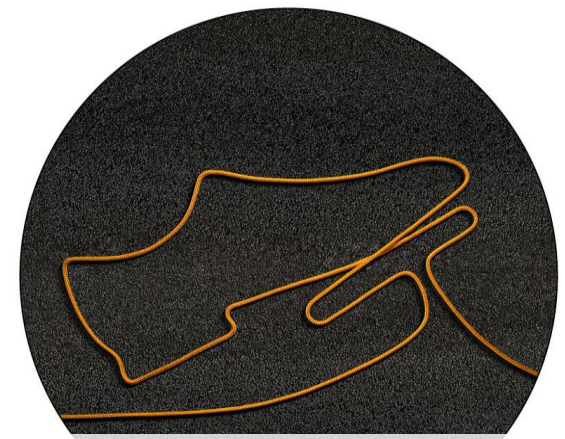
If a car assists you or drives you automatically, it has to...



Sense its environment
& vehicle's current state...

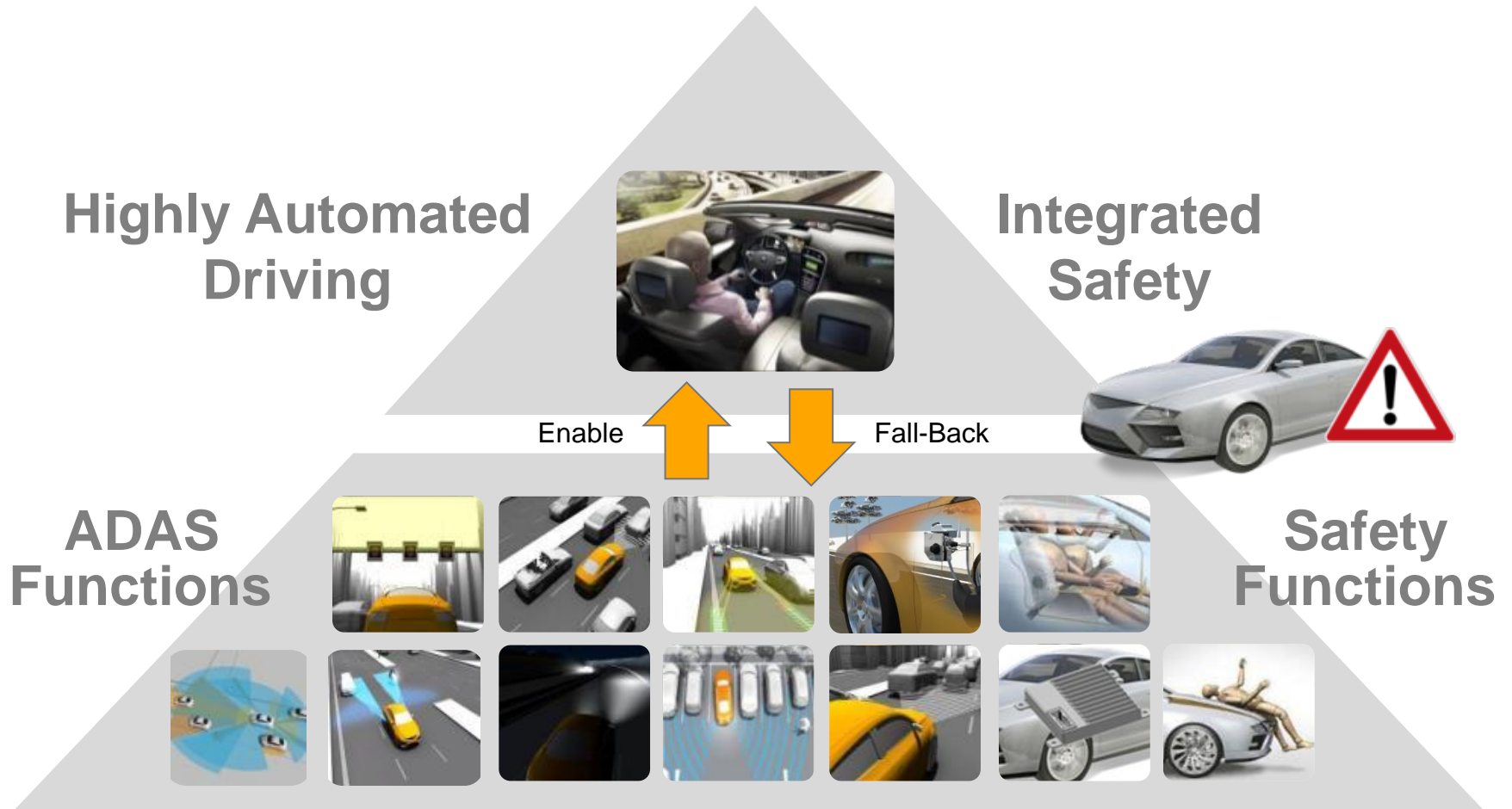


Plan its actions...



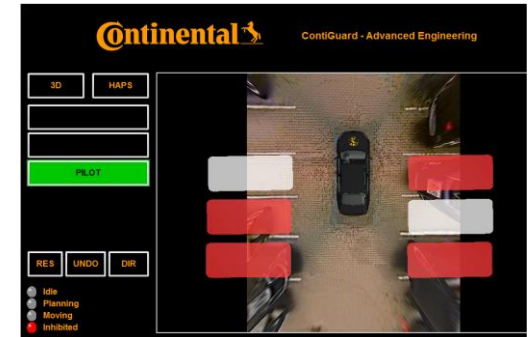
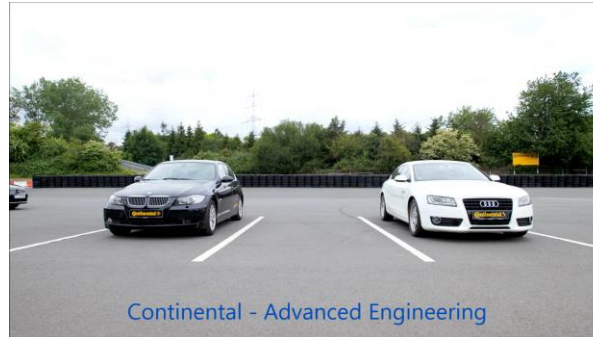
Act using the car's
actuators and control systems!

Advanced Driver Assistance Systems as Fall-Back Level and Enabler for Highly Automated Driving



Remote Parking by Surround View

Scope Automated Parking System with Surround View for more Safety and Comfort



Task

- › Active driver parking assist (steering/brake/acceleration) for enhanced maneuvering comfort, maneuvering safety under consideration of parking area markings

Solution / Customer Benefit

- › Camera-based detection of parking spaces
- › Surround view image with variable perspectives
- › Camera-based environment perception
- › Occupancy grid
- › Parking space borders (lines, curbs)
- › Remote Parking via Smartphone

Automated Driving

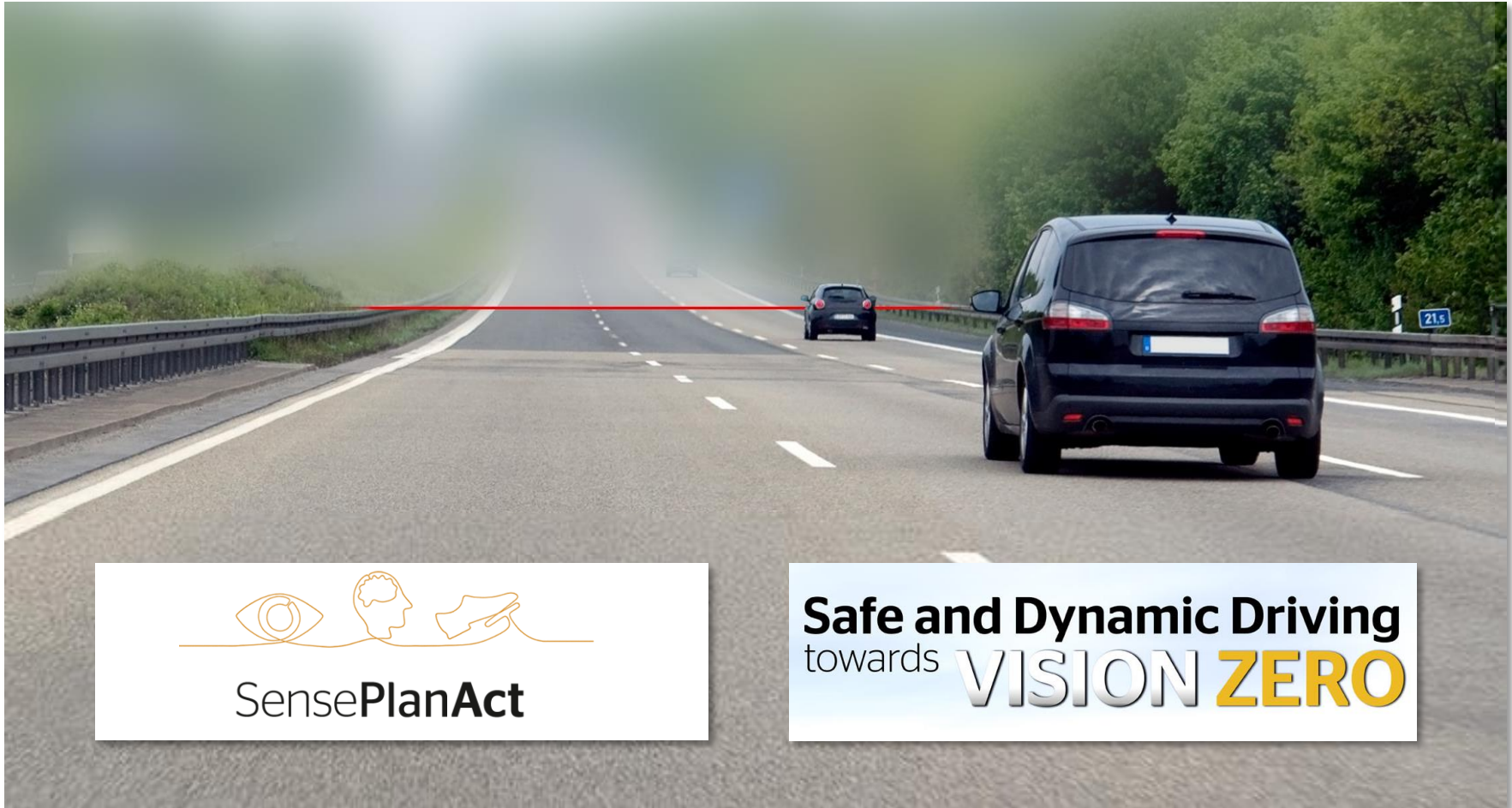
Regions Frankfurt (EU), Auburn Hills (NAFTA), Yokohama (Asia)



Automated Driving

Safe and Dynamic Driving towards Vision Zero

Technical Challenges – Provide a Comprehensive Picture



Safe and Dynamic Driving
towards **VISION ZERO**

Thank you
for your attention!

Safe and Dynamic Driving towards Vision Zero

SensePlanAct

Chassis & Safety

Continental 

