

## Press Release

DEKRA at the Automotive Testing Expo in Stuttgart

# Single-Source Services for the Automotive Industry

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**International expert organization DEKRA is highlighting its services at the Automotive Testing Expo (hall 8, stand 8244) and the Autonomous Testing Expo (hall C2, stand AV4007) in Stuttgart from June 5 to 7, 2018.**

Notable OEMs, suppliers and engineering service providers as well as national approval authorities already place their trust in DEKRA's established experience and specialized expertise. They benefit from DEKRA's unique testing competence, bolstered by an international network of test sites and laboratories, for product development, type approval and quality assurance.

DEKRA's single-source services for the automotive industry comprise diverse testing, inspection and certification services for areas including vehicle tests in terms of driving dynamics, pedestrian protection and driver assistance systems, automated and connected driving, as well as for example electromagnetic compatibility (EMC) and radio frequency (RF), wireless and cellular, cyber security, photometry and automotive lighting, open road field tests and damage analysis.

The international test network for connected, automated and electric driving allows DEKRA's customers to make use of comprehensive services from a single source. The various DEKRA laboratories and test sites – among others in the Netherlands, Germany and Spain and other locations – each have a specific focus. One highlight of DEKRA's presence in Stuttgart will be a virtual reality application showing possible testing scenarios in Klettwitz, where, following the acquisition of the Lausitzring racetrack, DEKRA is creating Europe's largest independent test site for automated and connected driving.

At the Autonomous Vehicle Test & Development Symposium, DEKRA's contribution is made by Rosario Trapero, manager at DEKRA's Connected Car Competence Center in Spain. From her 25 years of experience in communication technologies, she will look at the complex connected vehicle landscape, with its different communication protocols and standards involved.

Successfully implementing and verifying the variety of safety applications in the connected car requires testing at several different levels, including the physical layer, the protocols and the algorithmic functionality of the applications. In the

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symposium paper, a comprehensive approach for testing all these different layers is presented, covering laboratory and in-the-field testing procedures. Rosario Trapero will speak on Wednesday, June 6, at 5:30 p.m. in the session titled Robust Test, Verification & Validation Methodology.

**Picture Captions:**

ATE 1: Driving on DEKRA's connected driving test site in Málaga, Spain

ATE 2: The DEKRA Technology Center with its testing oval and the Lausitzring racetrack near Klettwitz, Germany, form Europe's largest independent testing center for automated and connected driving.

**About DEKRA**

*DEKRA has been active in the field of safety for more than 90 years. Founded in 1925 in Berlin as Deutscher Kraftfahrzeug-Überwachungs-Verein e.V., it is today one of the world's leading expert organizations. DEKRA SE is a subsidiary of DEKRA e.V. and manages the Group's operating business. In 2017, DEKRA generated sales totalling more than 3.1 billion Euros. The company currently employs more than 44,000 people in more than 50 countries on all five continents. With qualified and independent expert services, they work for safety on the road, at work and at home. These services range from vehicle inspection and expert appraisals to claims services, industrial and building inspections, safety consultancy, testing and certification of products and systems, as well as training courses and temporary work. The vision for the company's 100th birthday in 2025 is that DEKRA will be the global partner for a safe world.*