

## Press Release

DEKRA to expand its range of testing services with a new high-tech lab

# Ensuring Safe Electric Mobility on Two Wheels

- EMC laboratory in Stuttgart rounds off range of services for bicycles
- Comprehensive service for safe, modern two-wheel mobility
- DEKRA to appear for the first time ever at Eurobike 2019 in Friedrichshafen

DEKRA e.V.  
Corporate  
Communications  
Handwerkstraße 15  
D-70565 Stuttgart

[www.dekra.com/en/newsroom](http://www.dekra.com/en/newsroom)

**The expert organization DEKRA is strengthening its commitment to safe, electric two-wheel mobility and expanding its range of services and testing capacities in Stuttgart. A new EMC laboratory and battery test facilities will ensure an all-in service for manufacturers and dealers of bicycles and Personal Light Electric Vehicles (PLEVs).**

The safety of electric bicycles is increasingly coming under the spotlight. The test requirements for mechanical systems and electric drives are becoming ever more detailed, complex and stringent, which is why DEKRA – Europe’s top testing organization – is investing throughout the Group in new test facilities to meet the growing demand for tests and approvals for state-of-the-art mobility.

For electric bicycles, DEKRA offers all the EU-mandated tests from a single source in accordance with DIN EN 15194, covering a range of aspects including markings, user guides, mechanical and electrical safety in accordance with the Machinery Directive, the safety of individual systems and functional safety. DEKRA will be testing electromagnetic compatibility (EMC) in its new EMC laboratory, which was recently put into operation in Stuttgart.

For two-wheelers such as S-Pedelecs, which are classified as vehicles and so require official approval and homologation for road service, DEKRA also offers the services of the DEKRA Technology Center in Klettwitz. Recognized EU-wide as a technical service, the DEKRA Technology Center conducts comprehensive testing on e-scooters in accordance with the new PLEV Ordinance (eKFV) as well as road traffic certification (StVZO).

The DEKRA experts and laboratories also offer the full range of supplementary bicycle-related tests: in-development material and component tests; environmental simulations and damage analysis in the materials laboratory;

Date Stuttgart, July 5, 2019 / No. 058  
Kontakt Tilman Vögele-Ebering  
Telefon direkt +49.711.7861-2122  
Telefax direkt +49.711.7861-742122  
E-Mail [tilman.voegel-ebering@dekra.com](mailto:tilman.voegel-ebering@dekra.com)

tests for hazardous substances in the chemistry laboratory; lighting tests in the light laboratory; damage assessments and usability tests.

DEKRA will be showcasing its range of services for the bicycle industry for the first time ever at the Eurobike trade fair in Friedrichshafen from September 4 to 7, 2019. <https://www.dekra.com/en/events-local-10880>

**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 2018, DEKRA generated sales totaling more than 3.3 billion euros. The company currently employs more than 45,000 people in approximately 60 countries on all six 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.*