

Press Release

DEKRA at Cyclingworld Europe (March 20 – 22, 2026) in Düsseldorf

Certified Safety for E-bike Batteries

- ▶ DEKRA service portfolio at Cyclingworld Europe for the first time
- ▶ Testing and certification services for cycle manufacturers and suppliers
- ▶ Product safety seal for e-bike batteries creates trust

The current EPAC standard EN 15194 has dialed up the safety requirements for e-bike batteries. This means that manufacturers and component suppliers need detailed safety tests covering aspects such as overcharging, short circuits, thermal, mechanical, and UV resistance, and control. Testing and certification organization DEKRA will be presenting its entire service portfolio for the cycle industry – including the extensive safety and performance tests provided in DEKRA's laboratories – at the Cyclingworld Europe trade fair in Düsseldorf from March 20 to 22, 2026.

The high energy density of lithium ion batteries makes them efficient but also potentially dangerous during daily use and transport. E-bike batteries have to withstand extreme conditions: heat, cold, shock, vibration, moisture, and electrical stress. Manufacturers must ensure that a battery does not burn, explode, or emit toxic gases in adverse situations.

E-bike batteries cannot be sold without the corresponding **certificates of conformity**. At the Cyclingworld Europe 2026 trade fair in Düsseldorf, DEKRA experts will be providing information about issues such as the tightened EU requirements: The latest version of the relevant EPAC standard EN 15194 specifies that, in future, batteries must pass the detailed safety tests for lithium ion batteries contained in EN 50604-1.

In its accredited laboratories, DEKRA tests batteries and power management systems in accordance with the current standards (EN 15194, incl. EN 50604-1 and UN 38.3). Extensive documentation provides manufacturers and distributors with legal and organizational security. If the test results are positive, the next step is to acquire the **DEKRA product safety seal**, which is a further signal of trust for the market.

At **Cyclingworld Europe 2026**, DEKRA will also be showcasing its full portfolio of safety, quality, and sustainability services for the cycle industry. Visitors will gain an

Date Stuttgart, March 2, 2026 / No. 016
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insight into the company's testing and certification services – from component to system tests – for cycle manufacturers and component suppliers. The **Wheel of Services** will be shown for the first time, providing an overview of DEKRA's services for the entire value chain and helping to answer questions about traffic and bike safety.

In addition, DEKRA will be presenting its damage report services for bike retailers and workshops, providing a professional assessment of accident damage, documentation of the necessary repairs, and an objective estimation of value reduction. DEKRA thus offers reliable expertise for insurance companies, workshops, and end customers.

DEKRA at Cyclingworld Europe 2026

March 20 – 22, 2026

Areal Böhler, Düsseldorf

Hall 27 (Kaltstahlhalle), Stand J6

www.dekra.de/de/pruefungen-von-elektrokleinstfahrzeugen-und-e-bikes/

About DEKRA

For more than 100 years, DEKRA has been a trusted name in safety. Founded in 1925 with the original goal of improving road safety through vehicle inspections, DEKRA has grown to become the world's largest independent, non-listed expert organization in the field of testing, inspection, and certification. Today, as a global partner, the company supports its customers with comprehensive services and solutions to drive safety and sustainability forward—fully aligned with DEKRA's anniversary motto, "Securing the Future." In 2024, DEKRA generated revenue of 4.3 billion euros. Around 48,000 employees are providing qualified and independent expert services in approximately 60 countries across five continents. DEKRA holds a Platinum rating from EcoVadis, placing it among the top 1% of the world's most sustainable companies.