

## Press Release

DEKRA at WindEnergy 2024 trade fair in Hamburg/Germany

### Wind Turbines on the Digital Test Bench

**The testing and inspection organization DEKRA will be presenting its broad service portfolio for the wind energy industry at the WindEnergy 2024 trade fair in Hamburg/Germany (24 - 27 September 2024). A highlight this year will be new digital solutions for continued operation reports, fault and productivity analyses. Also in focus: safe and reliable sector coupling with energy sources such as hydrogen.**

Using the recorded **SCADA data**, DEKRA experts can make timely and reliable statements on the condition of the wind turbine: as a rule, a decision on continued operation, repowering or dismantling is made in Germany after 20 years of operation. Comparative data from other wind turbines can also be used to analyze operating time, productivity, wear or faults. DEKRA experts also support operators with all legal approval and engineering tasks when the operating term ends in accordance with the respective legislation.

One current topic is the safe operation of interconnected systems using **hydrogen** as an energy source, known as sector coupling. With an interdisciplinary network of experts, DEKRA offers safety-related services, including services as an approved inspection body in accordance with the German Ordinance on Industrial Safety and Health (BetrSichV) and as ZÜS pressure of storage containers for hydrogen. In addition, there is the complete know-how on dangerous goods containment and hydrogen filling systems in accordance with German legislation ADR/TPED. DEKRA also inspects the electrolysers before commissioning and on a recurring basis.

For all **onshore and offshore** wind turbines, DEKRA acts as an approved inspection body (ZÜS) throughout the entire operating phase, inspecting the access equipment and pressure vessels. The experts also carry out mandatory inspections of cranes and electrical systems. The stability of the wind turbine - tower and foundation - is also checked by DEKRA experts in the form of recurring inspections in accordance with the relevant regulation.

DEKRA will also be exhibiting at WindEnergy 2024 in the **Recruiting Area** in Hall B3.OG.

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Contact Tilman Vögele-Ebering  
Phone +49.711.7861-2122  
Fax +49.711.7861-742122  
E-Mail [tilman.voegele-ebering@dekra.com](mailto:tilman.voegele-ebering@dekra.com)

DEKRA e.V.  
Corporate Communications  
Handwerkstraße 15  
70565 Stuttgart, Germany  
[www.dekra.com/en/press-overview](http://www.dekra.com/en/press-overview)

**DEKRA at WindEnergy Hamburg**

24 - 27 September 2024

Messe Hamburg

Hall A1, Booth 307

[www.dekra.com/en/wind-energy/](http://www.dekra.com/en/wind-energy/)

***About DEKRA***

*DEKRA was originally founded in 1925 to ensure road safety through vehicle inspection. With a much wider scope today, DEKRA is the world's largest independent non-listed expert organization in the testing, inspection, and certification sector. As a global provider of comprehensive services and solutions, we help our customers improve their safety, security, and sustainability outcomes. In 2023, DEKRA generated revenue of EUR 4.1 billion. The company currently employs around 49,000 people who offer qualified and independent expert services in approximately 60 countries on five continents. With a platinum rating from EcoVadis, DEKRA is now in the top one percent of sustainable businesses ranked.*