



360° Support in all Matters.

Comprehensive Services for Wind Energy.

www.tuv.com/wind

 **TÜVRheinland®**
Precisely Right.



Our services at a glance

Worldwide services covering all project phases. TÜV Rheinland is both a complete and expert provider of a comprehensive range of wind energy services.

1. We offer [type and component certifications](#) based on the IEC 61400-22 and IECRE OD-501 certification procedures, with accreditation/approval available.
2. We perform recurring, [periodic](#), and [condition-based](#) inspections during commissioning, warranty or sale of the wind farm.
3. Vibration analysis, drone inspections of rotor blades, and inspections with intelligent gear systems can be performed safely and quickly for a data-driven evaluation of your plant through the use of digitally supported [smart services](#). Our integrated data management also includes operational data analysis and digital process documentation.
4. [20 Plus Life Time Extension](#) – We follow DIBt guidelines to conduct independent evaluation of continued operation of wind energy equipment after 20 years of service.
5. Leverage our wind farm [technical due diligence services](#) to provide a secure investment and operational foundation for your onshore or offshore projects.
6. We provide comprehensive services for the integration of distributed generation into the grid. Our services include verifying and testing [grid compliance](#) by comparing the electrical characteristics of the turbine and wind farm to the grid specifications (SDL Wind Certification).
7. We offer a full range of services to ensure that the operation of offshore wind turbines complies with [approval specifications](#), such as periodic inspections, protection and safety concepts, and consulting services for approval by the Federal Maritime and Hydrographic Agency (BSH).
8. TÜV Rheinland Risktec, our global competence center for [risk and safety management](#), supports you throughout the entire life cycle of your wind projects. We guide you through risk evaluation, technical areas, project risk assessment, issues related to the safety of human health and the natural environment, etc.
9. We have extensive experience in [production monitoring](#) for all components as well as steel, concrete and composite structures. We act as your independent „eyes and ears“ to help you avoid delays, losses and damage.

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