



Choose certainty.
Add value.



Wind Power – Reliable Solutions for a more Sustainable Future

Benefit from our global expertise in
on- and offshore wind power

TÜV SÜD Group

TÜV®



TÜV SÜD operates the world's largest test facility for small turbines under ideal wind conditions at Myers Hill, United Kingdom.

Wind power – speeding progress

Global targets for increasing the share of renewable energies in the total energy mix are ambitious. Given this, on- and offshore wind farms are increasing in importance. However, to exploit the potential of wind to the fullest, these wind turbines require appropriate design, efficient realization, and effective operation. We support you in this task – no matter where you plan to build or operate your wind turbine. Offering expertise across 40 countries, we help you to reliably protect your investment and your profit.

Your questions ...

How can I ensure compliance with international standards and national regulations?

How can I ensure that my investment in an on- or offshore wind farm will be profitable?

How can I maintain and document the value of my on- or offshore wind farm?

How can I efficiently realize regional and municipal energy and climate protection projects?

TÜV SÜD offers integrated solutions – global, local, and fully customized!

MANUFACTURERS

- Design assessment
- Prototype testing
- Manufacturing evaluation
- Certification of management systems
(quality/ISO 9001, environment/ISO 14001, occupational health and safety/OHSAS 18001, energy/ISO 50001)
- CE marking
- Training and qualification

INVESTORS AND PROJECT DEVELOPERS

- Offshore project certification, e.g. BSH Standard
- Feasibility studies
- Due diligence/wind and energy yield reports
- Wind speed measurement
- Environmental impact assessment
- Assessment of the foundation
- Monitoring and quality assurance during manufacturing
- Pre- and after-shipment inspections, transport control
- Erection monitoring
- Risk management

OPERATORS

- Final approval and periodic inspections
- Power curve measurement
- Assessment of grid connection and grid quality
- Investigation on damages

PUBLIC SECTOR

- Regional and municipal energy and climate-change schemes
- Regional and local analysis of potential
- Energy certificates (CDM, green power)



Selected references



TÜV SÜD is an Associated Partner of Dii





Harness wind power efficiently and reliably with TÜV SÜD

TÜV SÜD is one of the world's leading technical service providers supporting its clients along their entire value chain by providing consultancy, testing, certification and training services. We are the recognized experts whenever quality and safety must be tested and certified in accordance with international regulations.

TÜV SÜD holds all necessary accreditations and can provide the type certification of on- and offshore wind farms in accordance with all relevant national and international directives. We can therefore provide full support to you when you have to furnish evidence of your products' compliance with the respective standards and regulations.

Over 16,000 skilled employees have issued more than 280,000 product certifications and 30,000 management system certifications at over 600 locations worldwide. Clients benefit from interdisciplinary full service solutions and from TÜV SÜD's more than 140 years of experience.

... our comprehensive answers and professional support:

By choosing TÜV SÜD as your partner: we test turbine types and projects and certify systems and supplied parts in accordance with internationally recognized norms and standards.

By selecting bankability and due diligence services from TÜV SÜD such as feasibility studies or technology assessment.

By commissioning TÜV SÜD to perform periodic inspections and to determine the value of your wind power installations.

By relying on TÜV SÜD's assessment of the regional wind potential in planning and implementation, and by benefiting from our energy schemes.



www.tuev-sued.com/wind



Contact us today to access one-stop full service on- and offshore wind power expertise – worldwide:

Email us at: wind@tuev-sued.com

Germany/Western Europe

TÜV SÜD Industrie Service GmbH

Westendstr. 199
80686 Munich
Germany
wind-ger@tuev-sued.com
wind-we@tuev-sued.com
www.tuev-sued.com/wind

Central Eastern Europe

TÜV SÜD Czech s.r.o.

Novodvorská 994/138
142 21 Prague 4
Czech Republic
wind-cee@tuev-sued.com
www.tuv-sud.cz

Asia Pacific

TÜV SÜD Asia Pacific Pte. Ltd.

3 Science Park Drive
04-01/05 The Franklin
Singapore 118223
wind-ap@tuev-sued.com
www.tuev-sued.com

Americas

TÜV SÜD America Inc.

10 Centennial Drive
Peabody, MA 01960
USA
wind-america@tuev-sued.com
www.tuvamerica.com