



Wind Energy Project Planning Services

To ensure the success of your wind farm project, we provide a range of services to support you at every phase of the project life cycle – from site selection, design and manufacturing, right through to operation.

Product Certification	Project Certification	Manufacturing Surveillance
Health & Safety	Marine Warranty Survey	Periodic Inspections
Due Diligence	Laboratory Services	Expert Reports
Training / Education	Management System Certification	Grid Connection
Project Planning Services	Coating Inspection Services	CE Marking

Wind energy project planning services in cooperation with EuroWind GmbH

Wind energy represents a major contributor to the energy mix of the future. Developers of onshore and offshore projects, wind farm operators, banks and investors require reliable assessments, effective planning and successful implementation. To ensure this, profound wind energy expertise is required to secure all the necessary permits and provide thoroughgoing project support.

In order to calculate project economics, developers of wind energy projects need reliable wind potential and energy yield assessments.

TÜV Rheinland cooperates with EuroWind to strengthen its own wind energy portfolio. Together the partners provide services relevant to the planning and licensing of wind energy projects such as meteorological evaluation of the site's climatic conditions and wind potential, checking of the basic project data and optimization of the wind farm design.

Our partners – your benefit

Together with our experienced partner EuroWind, we strengthen our ability to offer clients a full-service one-stop shop solution for wind energy projects, in particular in the project planning and licensing phases.



TÜV Rheinland and EuroWind provide a comprehensive package of services:

Preparation of a yield assessment suitable for investors

- Preliminary assessment of wind potential and energy yield.
- Plan and conduct wind measurements.
- Assess compliance with technical guidelines for wind measurement in accordance with FGW and Measnet.
- Statistical analysis of wind measurements (mast, sodar and lidar).
- Wind farm optimization and configuration.
- Energy yield assessment suitable for financial institutes.

Support in obtaining official consent for onshore projects:

- Prognosis of noise immissions.
- Measurement of noise emissions.
- Preparation of shadow-casting prognosis.
- Determination of local turbulence.
- Carry out a visibility analysis.

Support in obtaining official consent for offshore projects:

- Investigation of meteorological site conditions.
- Analysis of extreme conditions.
- Assessment of weather windows for the installation of wind energy projects.



About TÜV Rheinland

Founded 140 years ago, TÜV Rheinland is a global leader in independent inspection services, ensuring quality and safety for people, the environment, and technology in nearly all aspects of life.

TUVdotCOM. The noticeable difference.



The Internet platform TUVdotCOM makes the difference visible: with all the products, services, companies, systems and personnel that are tested by TÜV Rheinland, optimally documented and accessible from all over the world.

About EuroWind GmbH

EuroWind is an innovative company for wind resource planning and energy yield assessments. It has gained a reputation as specialists in providing the top-quality assessments demanded by financial institutes. Especially for offshore wind projects, EuroWind, with its own highly flexible 3D computational model for wind park aerodynamics and meteorological expertise, is acknowledged as experts in long-range wind energy yield forecasting. More information under www.eurowind.info

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