

Energy Assessment

Type Testing +
Technical Expertise

Due Diligence

Test Site Operator

Type Testing + Technical Expertise

References

windtest grevenbroich gmbh

Company Profile

More than 18 years of experience in an industry that is only little older. Since 1996, windtest grevenbroich gmbh (wtg) provides predominantly manufacturers, planners and operators, but also authorities, the finance sector and private individuals, first-class services in the areas of planning, development, optimisation, quality assurance and consulting in the technological and economic advancement of wind energy – both on the domestic market and abroad.

Innovations and optimisation measures for turbines, PV systems, components, CHPs, combustion engines or complete wind and PV farm configurations in relation to grid requirements are assessed in every detail, measured and planned by more than 35 experts – either on the company-owned, one of the worldwide largest test field for inland wind turbines in Grevenbroich, or locally at the customer's sites. Thus wtg makes a considerable contribution to the improvement of the technology and efficiency, the acceptance and the export opportunities of wind energy farms.

The measurements and expert reports of wtg-specialists provide customers with the very certainty they need for planning and implementation of wind energy projects. After all, reliability is our highest principle. We are also involved in numerous national and international bodies, ensuring that our staffs always have their fingers on the "pulse of time". On the other hand, their work results frequently affect statements, standards, or the legislation.



windtest grevenbroich gmbh

Frimmersdorfer Straße 73a
41517 Grevenbroich · Germany
Phone +49 (0) 2181-22 78-0
Fax +49 (0) 2181-22 78-11
E-mail info@windtest-nrw.de

www.windtest-nrw.de

The shareholders of the windtest grevenbroich gmbh are:

- 25,0 % Federal state of North-Rhine-Westphalia (NRW),
represented by NRW BANK
- 37,5 % RWE Innogy GmbH (utility)
- 12,5 % District of Neuss (authority)
- 12,5 % City of Grevenbroich (authority)
- 12,5 % ee energy engineers GmbH (TUEV Nord group).

The diversified shareholder structure (utility operator, private company, municipalities) guarantees the independence of our services.



Test site Grevenbroich

Our Quality References

- **Operator** of an **onshore test site** for inland wind turbines in Germany
- Exclusive partner for all measurement services for the largest **onshore test site in Europe** in the Netherlands
- DAKKS accredited according to **IEC 17025**, signed the Multilateral Agreement (MAL)
- **Independent** (referring to the shareholder structure of windtest grevenbroich gmbh)
- Full Member and Chairwoman of **MEASNET** Group (international organization)
- Member of **EWEA** (European Wind Energy Association)
- Member of **AWEA** (American Wind Energy Association)
- Member of committee for standardisation **FGW** (national organization)
- Member of working Committee Noise Emission (national organization)
- Member of working Committee Renewable Energies / Wind energy **VGB Powertech** (international organization)
- Member of Windgutachterbeirat und Sachverständigenbeirat des Bundesverband Windenergie e.V. **BWE** (national organization)
- Named Measuring Body for Sound Measurements according to §26 of the German Immission Control Law (**BImSchG**) (national organization)
- Partnerships or common projects with **universities in Brazil, Germany, South Korea** (International)



windtest grevenbroich gmbh

Frimmersdorfer Straße 73a
41517 Grevenbroich · Germany
Phone +49 (0) 2181-22 78-0
Fax +49 (0) 2181-22 78-11
E-mail info@windtest-nrw.de

Noise Measurements

Since 1996 wtg realised more than 500 noise measurement projects worldwide as noise emission measurements or noise immission measurements. We support our customers throughout the project, from consultation with authorities, measurement planning, interpretation of weather forecasts up to the final report according to the international standard IEC 61400-11 or the German national guideline "FGW-Richtlinie" and "TA-Lärm".



Noise emission measurement set-up

Our Projects (extract)

Numerous noise measurements, in divers European countries (all over Germany, Czech Republic, France, Finland, Italy, Netherlands, Spain, Sweden, Poland, UK etc.) and also on international level (China, India, USA and South Korea).

Our Clients (extract)**From all over the world**

- | | |
|------------------------|-------------------|
| ■ ABO Wind | ■ Lagerwey |
| ■ Bard | ■ Leitwind |
| ■ BayWa r.e. | ■ Notus |
| ■ BMR Energy Solutions | ■ Nordex |
| ■ Breeze Two | ■ Parc Eolien |
| ■ Denker & Wulf | ■ Prowind |
| ■ DeWind | ■ psm |
| ■ Directtech | ■ ReGen Powertech |
| ■ DunoAir | ■ RWE Innogy |
| ■ E & U | ■ Schütz |
| ■ EFI Energy Farming | ■ SeeBa |
| ■ Enercon | ■ Senvion |
| ■ Energiekontor | ■ Siemens |
| ■ Energiequelle | ■ Suzlon |
| ■ EnBW | ■ STEAG |
| ■ eno | ■ Theolia |
| ■ Evonik | ■ Tozzi |
| ■ Fuhrländer | ■ TÜV Nord |
| ■ Gamesa | ■ TÜV Süd |
| ■ General Electric | ■ Vensys |
| ■ Iberdrola | ■ Ventotec |
| ■ ITEC | ■ Vestas |
| ■ juwi | ■ wpd |

Special noise measurements

According to the requirements of our customers, we adapt our services to the local conditions in order to perform even most difficult projects. High quality, flexibility and the exceptional dedication of our experts make it possible to prepare optimal and efficient solutions in a very short time.



Noise measurement in a forest - 35 m above the ground

Contact

For more information do not hesitate to contact:

Sebastian Schmitter

s.schmitter@windtest-nrw.de

+49 2181 2278-19