

8.2 | The Experts in Renewable Energy

Wind Energy
Solar Energy
Biomass, Biogas
Grid Integration
Quality, Health, Safety & Environment

Technical Due Diligence (TDD)

Technical advisory for the acquisition and financing of wind and solar farms

Reliable decision making for successful investments and financing.

The experts at 8.2 review all technical and contractual aspects, which have an impact on the long-term technical and economic viability of renewable energy assets and conduct a comprehensive risk assessment. We provide an extensive report which makes clear statements about the quality of the projects, pinpoint risks and give recommendations for further action.

Within the scope of a technical due diligence, we review and assess renewable projects. Depending on the individual status of each project and the customer's focus the scope of the analysis will be adjusted in order to provide the most customized and useful information for each purpose.

Negotiation support **Project contracts** **ESCROW validation** **Turbine technology** **Soil survey**
Foundations **Permit documents** **Wind resource and yield assessments** **Electrical engineering and grid connection** **Direct marketing opportunities** **Site and turbine inspection** **Regional planning and risk of further installations** **Insurance concept** **Review and evaluation of the financial concept from a technical point of view (CAPEX / OPEX)** **Quality assurance along the entire value chain**

Our Cooperation Partner for Wind Resource and Yield Assessments

anemos GmbH is one of the leading wind consultants in the German market and accredited according to DIN EN ISO/IEC. Its core services include site assessments, wind measurements, due diligence and portfolio calculations.



Our services

- Independent pinpoint assessment
- Comprehensive results and recommendations as a reliable decision-making basis for the acquisition and financing of renewable energy assets
- Reduction of technical risks during project implementation
- Reduction of economic risks
- Experience in the performance of design reviews for 80 % of the offshore wind turbines available in the European market
- 20 GW of TDD projects performed worldwide
- Backed up by high level technical insights of all turbine types based on more than 40,000 wind turbine inspections

Can you tell if your OPEX assumptions reflect the reality ashore and at sea?

Do the project contracts and schedules fit all constraints?

Our experts will answer these and any other questions.

About us

The 8.2 Group brings together experts with decades of experience and young thinkers dedicated to the sustainable value of renewable energy projects. For onshore and offshore wind energy, photovoltaics, biogas, grid integration and QHSE. The 8.2 network offers a comprehensive range of technical consulting services and inspections with independent expertise.

From the first tender, through quality assurance, to lifetime extension assessments, our services cover the entire life

cycle of renewable energy projects. The expertise generated over the last 20 years is based on around 40,000 inspections of wind turbines, 20 GW due diligence projects on- and offshore as well as photovoltaic projects. Furthermore, the 8.2 Group has been involved in almost all German offshore wind projects right from the start.

As a client, you benefit from this unique wealth of experience through our broad knowledge base and the guaranteed quality level of our work.



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offices



130

Experts worldwide



40,000

Technical inspections



15

GW TDD Wind on-/offshore



4.2

GW PV projects



5

GW Condition Monitoring



Contact

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