

Technical Due Diligence



Efficiently running a wind farm and ensuring the reliable operation of your wind turbines requires linking technology with economic optimisation. After all, technical improvements are only worthwhile when they result in economic benefits. MECAL provides technical due diligence that helps you with the decision-making processes, and with increasing the value of investments.

With MECAL as your partner, you benefit from a unique service scope that results from in-depth knowledge of, and international experience with, wind turbine technology and wind farm development.



Due Diligence

MECAL has continuously developed knowledge and expertises in technical due diligence with turbine technology, project development, wind resource evaluation, and windfarm operation.

The following components are part of our due diligence activities that can help you reduce uncertainty and identify risks.



Wind farms in development

- Realisation probability
- Technology suitability
- Quality of design
- Expected wind resource
- Contractual risks and warranties
- Verification of operation costs

Wind farms in operation

- Long term performance forecast
- Technical status of installations
- Existing contracts and permits
- Quality of operation management
- Operation and maintenance forecast

MECAL, your expert partner in Due Diligence!



Benefits

MECAL acts as your independent engineer to maximise return on investments and reduce risks in wind energy investment. We relate design concepts to the actual operation of your wind turbines.

Working with MECAL gives you an advantage, because no other technical due diligence provider has the same in-depth know-how combined with practical experience of wind farms and their development.



MECAL, with over 20 years of experience in design, improvement and certification of wind turbines and components, offers in-field solutions that help you safeguard the value of your investments.

Our unique Banks' and Owner's Engineering service provides:

- > Technical expertise in wind turbines
- > World-wide orientation
- > Re-enforced relations with turbine vendors
- > Practical experience combined with turbine development know-how

Our Wind Farm Services:

- > Due Diligence
- > Yield Improvement
- > Construction Supervision
- > Quality Audit
- > Technology Evaluation
- > O&M Forecast
- > Operations Management
- > CMS Consultancy
- > Offshore Consultancy

We also offer Wind Turbine Design Services. Visit our website for more information.

Technology evaluation

It is critical to choose the right wind turbine, especially considering the overwhelming supply of wind turbines on the market, in order to ensure a successful product development start, as well as for long term efficiency.

MECAL assists its customers during this development stage by performing a comparative evaluation of available turbine technologies, leading to a choice of wind turbine that is acceptable to the developer as well as their bankers and/ or investors.

Engineering for a small planet

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