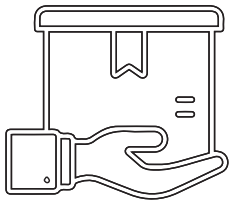
Third-Party Expert Opinion

by Bladena

Customer Benefit

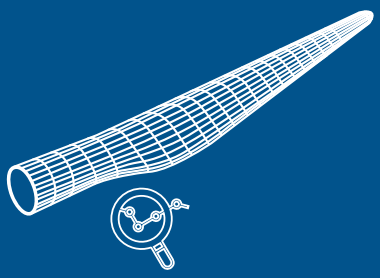


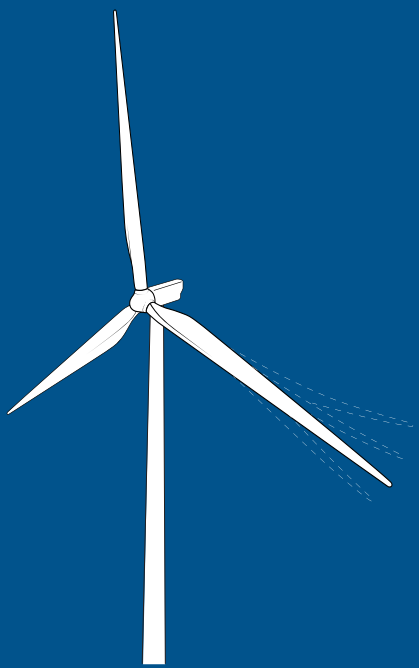
Simple Insights: Get complex information extracted into simple, actionable insights.

Reduced Failures: Understand potential vulnerabilities in design, leading to proactive measures and fewer blade issues.

Increased Level of Understanding: By understanding how come a specific catastrophic failure or serial issue has occured, appropriate actions can be taken by the management.

What it offers





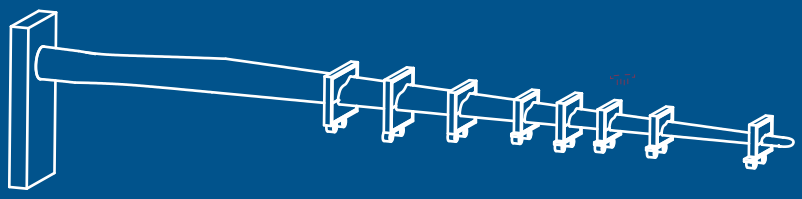
Certification Analysis: Evaluate current certification standards and their real-world implications. Determine if certifications capture all design-related vulnerabilities.

Testing Review: Analyse existing testing practices for their comprehensiveness. Identify potential gaps in testing that might overlook design flaws.

Deep Dive Into Blade Structural Design: Explore the details of wind turbine blade design. Assess how design choices can impact the blade's durability.

Document Review: Thoroughly analyze OEM documents to determine whether the solution proposed is sufficient in solving an issue.

Non-Technical Opinion: Translate complex design, manufacturing, certification, and testing details into easy-to-understand insights. Provide clear recommendations on how to ensure blade reliability.



As wind turbine blades have grown longer, a questioning trend has emerged: some OEMs are facing unexpected challenges and losses at early operational phases of modern blades. These problems often relate to blade design, lack of requirements from the certification bodies, and testing. Through our advisory service, we dive into these areas, aiming to explain the complexities. Presented in a non-technical manner, our insights guide Wind Turbine Owners (WTOs) to navigate this situation, ensuring they're equipped with knowledge that's both comprehensive and easily understandable. This will explain how come a specific catastrophic failure has occurred.