



## Manufacturing Surveillance for Wind Energy Projects.

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.

<b>Product Certification</b>	<b>Project Certification</b>	<b>Manufacturing Surveillance</b>
<b>Health &amp; Safety</b>	<b>Marine Warranty Survey</b>	<b>Periodic Inspections</b>
<b>Due Diligence</b>	<b>Laboratory Services</b>	<b>Expert Reports</b>
<b>Training / Education</b>	<b>Management System Certification</b>	<b>Grid Connection</b>
<b>Project Planning Services</b>	<b>Coating Inspection Services</b>	<b>CE Marking</b>
<b>Condition Monitoring</b>	<b>Risk &amp; Safety Management</b>	

### Manufacturing surveillance services for operators, owners, developers and purchasers of wind farms

The wind energy sector is a young industry and many manufacturing and installation processes are less established than in more mature sectors. The supply chains are highly complex, due to the involvement of many international suppliers, a number of inexperienced subcontractors and with inconsistent levels of understanding on quality and safety among the different parties. Cultural and language misunderstandings also lead to losses of accuracy throughout the whole supply chain.

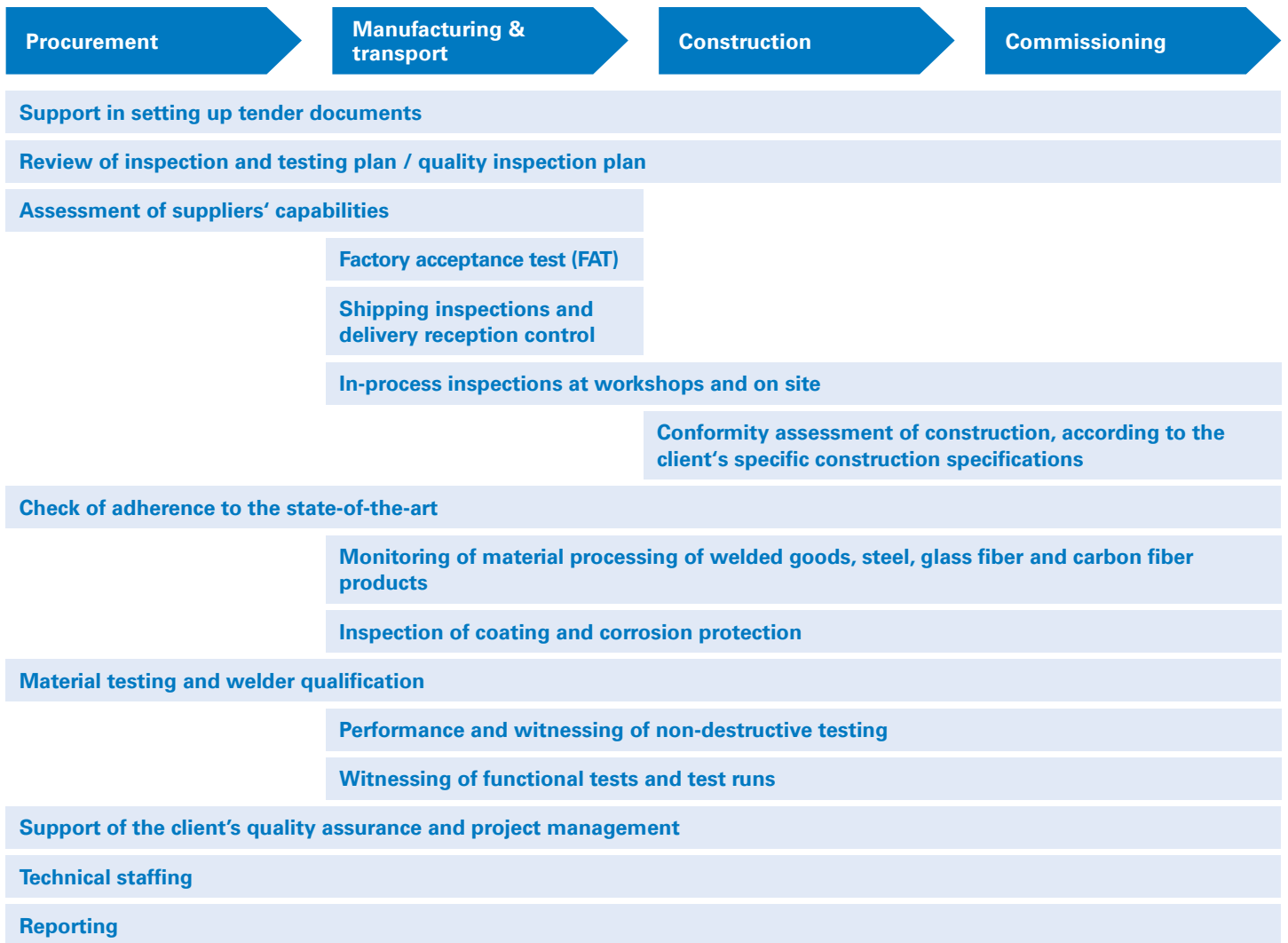
Thanks to our global network we can serve clients by providing independent manufacturing surveillance services for wind turbines (tower, blades, gearbox, etc.) supporting

structures and foundations, met masts, substations and cables around the world.

#### Our experience – your benefit

With our broad experience in manufacturing surveillance and the provision of QA/QC services we satisfy customers around the globe and ensure successful project performance. Our experience covers a variety of wind farm projects around the globe, comprising both onshore and offshore wind energy segment.

Manufacturing surveillance by TÜV Rheinland offers you quality improvement throughout the various phases of your wind project.



Voluntary and non-statutory manufacturing surveillance closes the gaps in your information chain. TÜV Rheinland acts as your eyes and ears on site to help you to avoid delays, losses and damages as well as minimize waste of resources.

We provide a comprehensive web-based reporting and documentation system, accessible to all project participants. All relevant project data and documents, such as drawings, reports and specifications, can be stored, structured and easily exchanged. The structure of this database can be adapted to the client's specific requirements.

### About TÜV Rheinland:

Founded more than 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.

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