



Wind measurement services

From resource assessment to operational performance validation, Wood provides a complete package of support for your wind project: precision measurement services and bank-grade analyses.

How much is uncertainty in wind measurement affecting your project financing costs?

If your wind measurements lack certainty, or are not compliant with best practice, that uncertainty carries through into the energy yield assessment (EYA) and the P90 estimate of energy production, used by lenders when sizing debt. This could increase your project's cost of capital.

As the UK's only accredited service provider for power performance testing, Wood leverages detailed knowledge of the IEC standards and MEASNET guidance for wind measurement to minimise uncertainty.

From specification through installation, O&M, data monitoring, decommissioning and finance-grade analysis reports; we deliver comprehensive, precise, and reliable wind measurement campaigns.

Our engineers and technicians, trained in the deployment of all major lidar models and the commissioning of meteorological masts, work closely with our wind analysts to deliver campaigns compliant with the gold standards of wind measurement, traceable data and documentation packages, and responsive monitoring of assets in the field.

Our IOSH-qualified project managers provide end-to-end coordination, with robust governance, safety and risk management, and clear reporting to provide clients with visibility and confidence throughout the project.

Technical excellence that unlocks capital.

Our value proposition

- **Over 15 years of experience** in wind measurement, both in direct delivery and as a technical advisor
- Competence and knowledge amassed through our **accreditation to ISO/IEC 17025 to undertake wind turbine power performance tests** to all editions of IEC Standard 61400-12-1, and its associated requirements for meteorological mast (**61400-50-1**) and lidar-based (**61400-50-2**) measurement
- Business-wide project management system focused on **risk reduction and performance excellence**
- Respected provider of bank-grade EYA based on a well-**established and validated methodology** that considers industry best practice approaches and tools
- Certified to ISO 9001, 14001 and 45001 quality, environmental and health and safety management standards

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Meteorological masts

We work with rigorously approved meteorological mast suppliers to install lattice and tubular met masts tailored to project measurement objectives. Our experienced teams deliver robustly tested, calibrated measurement systems and manage installation in line with industry best practice. We conduct extensive commissioning checks and tests to confirm full IEC compliance to deliver accurate, traceable, and reliable measurement data.



Lidar and remote sensing

Our team is trained in the configuration and deployment of all major industry-accepted ground- and nacelle-based lidar systems, including associated power supply and remote connectivity solutions. We deliver complete lidar measurement campaigns, underpinned by our long global track record and experience gained through the development of our scanning lidar technology, the Galion G6000.



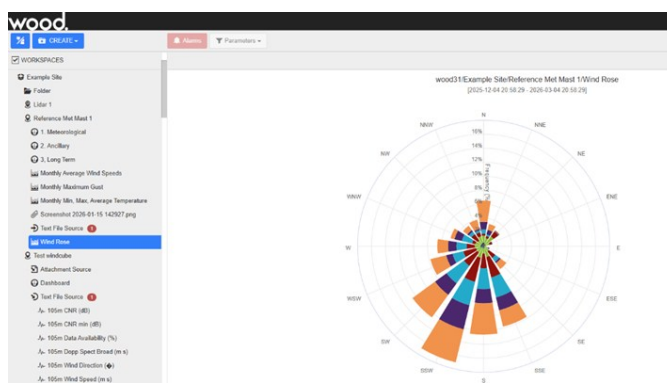
Offshore assets

Offshore met masts may now be fewer in number, but for those deployed integrity, safe operation and quality data collection remain as critical as ever. Our 24/7 Control Centre monitoring enables rapid response to critical system alarms, and our specialist personnel work with approved suppliers to deliver scheduled and reactive maintenance including integrity inspections, repairs, and upkeep of sensing and power supply systems.



Your data, delivered securely

Wood monitors and recovers data from measurement assets worldwide using a secure, cloud-based data visualisation platform. The portal can be customised to deliver dashboards and displays tailored to requirements, with flexible reporting options to suit your needs.



Our energy supporting your energy.