

An aerial photograph of a wind farm. In the foreground, a small clearing on a grassy hill contains solar panels, a small white structure, and a measurement device. In the background, numerous wind turbines are visible on a ridge under a cloudy sky.

The easier way to measure wind.

 **Measurement
Services**



ZX Measurement Services

Our experienced team is a global leader in the design, installation and turnkey management of wind measurement systems including Lidars, meteorological masts and Sodars, and all necessary power and communication ancillaries.

At ZX Measurement Services we ensure all measurement campaigns are designed and delivered to exactly meet our customers needs to provide comprehensive data sets to the highest industry standards.

Wind Data as a Service

We provide the following extensive field and back office support services:

- Lidar and Sodar rental onshore.
- Nacelle-mounted Lidar for wind turbines for power performance verification or Power Plant Optimisation (Power Quality Monitoring, yaw error correction and wake mitigation).
- Met Masts and Solar Monitoring.
- Bespoke Noise Monitoring packages.
- Measurement campaign design and optimisation including system security and communications.
- Field Services including system installation, management, operation and decommissioning.
- Power supply design, build, installation, management, rental and sales.
- Lidar and Sodar fleet management.
- Customer training and technical support.
- Data management, analysis and reporting.

Our promise to our customers is simple. Excellence in measurements and project data.

Combining ZX Lidars' position as industry leaders in the development and supply of Lidars globally with our experience in the design, application and management of turnkey measurement campaigns offers the unique opportunity for Project Developers, Asset Managers and Owner / Operators to maximise data quality and availability whilst minimising measurement uncertainty and cost.

Our customer's objectives become our own objectives

The availability of high quality data has always been the cornerstone of any energy project. Whether it is wind resource data for the purpose of project development, operational data used in the optimisation of existing power plant or power performance data used in the verification and acceptance testing of existing or newly installed individual turbines. The need for low cost, accurate and reliable measurements has never been more important.

At ZX Measurement Services, our primary focus is the acquisition of the highest quality data with the lowest measurement uncertainty. Our team has over 70 years combined experience in the design, installation and management of measurement systems, ensuring all measurement campaigns are designed and delivered to exactly meet our customers needs whilst optimising new and existing technologies to provide comprehensive data sets.

We only use the best wind monitoring sensors and we supply robust methanol fuel cell based modular remote power supplies, designed and proven to operate in the harshest of environments, all to ensure maximum data availability.

Our focus is always ensuring that projects have the data necessary to succeed.



**Your wind measurement adventure starts today
by speaking to ZX Measurement Services.**

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Web ZXMeasurements.com



**ZX Measurement
Services**