

Accurate, low cost Wind Monitoring for wind turbine projects

Our services

Latest Technology Monitoring for wind farms and Community Wind projects

High accuracy wind monitoring provides confidence to wind project developers and their investors that sufficient wind resource exists at the site. We supply and install wind monitoring systems, verify data collection and provide bankable wind resource reports.

Accurate

Lidar and Sodar technology now matches the accuracy of mast and anemometer technology – verified by independent comparison of Lidar data to adjacent masts with class 1 anemometers.

Low Cost

For hub heights of ~80m and above, Lidar and Sodar technology provides a lower cost solution compared to mast and anemometer technology.

Supply, installation and maintenance

Enhar co-ordinates a site installation team with high safety standards. Periodic site inspections are arranged for preventative maintenance.

Data collection and analysis

Careful collection of the wind data is important for maintaining quality coverage. Regular checking of the data is not overlooked. Final cross-checking of measured data and then statistics are calculated and presented.

Wind resource evaluation report

We conduct detailed wind resource reporting which takes into account topographical variations at the turbine locations and long term wind climate.

Turbine yield analysis and prediction

Our energy reports accurately determine turbine power outputs and validate financial models. Uncertainty modelling is applied to the lenders preference whether P95 or P90 etc.

"Enhar uses latest technology to confirm the viability of wind projects by providing high quality wind monitoring"

