

Wind Monitoring services for renewable energy developers

Our services

Monitoring for wind farms and Community Wind projects

Our services are designed to provide confidence to wind project developers and their investors that sufficient wind resource is proven at the site. This capability statement describes our approach to accurate and reliable measurement of the wind at client sites.

Mast specification and design

Enhar can specify the optimum mast location and height for the project. Tubular masts from 30m to 60m are normally selected for Community scale wind projects.

Instrument Selection

Enhar procures high quality wind instruments and mast equipment on behalf of clients. Instrument brands include Windsensor, Vector, Campbell Scientific, Secondwind and NRG.

Mast 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 assists clients to confirm the viability of wind projects by providing high quality wind monitoring"