

WIND MAPPING, WIND RESOURCE, ENERGY YIELD AND TURBULENCE ASSESSMENTS

WIND MAPPING

The wind potential at a glance

To assess the spatial wind distribution within larger areas, we create wind potential analyses and resource maps. They represent the ideal basis for the detailed search of suitable wind sites.

BANKABLE WIND RESOURCE AND ENERGY YIELD ASSESSMENTS

A solid foundation for planning and reliability for your investment

We create bankable wind resource and energy yield assessments for your projects, in conformity with current policies and standards of the IEC, MEASNET, BWE and FGW TR6 (ommitment by at the Fördergesellschaft wind energy). Whether simple structured or high alpine terrain, whether supported by site measurements or on the base of reference plants, we adapt the methodology and the software application to your specific project in order to obtain accurate and reliable results with optimal use of resources. We also create second opinion analyses to verify the quality of existing reports. We have over 15 years of practical experience in the wind resource and site assessment.

TURBULENCE ASSESSMENTS

A holistic view of your project site

Especially in forest areas or in complex terrain, the ambient turbulence might have significant impact on the wind power plant. The analysis of the effective turbulence is an important factor for determining the plant type according to IEC classification and to optimise the park layout.

