



How strongly does the wind blow?

The wind potential on site is decisive for the success of a wind energy project. We will support you with a bankable valorisation of the wind measurement.



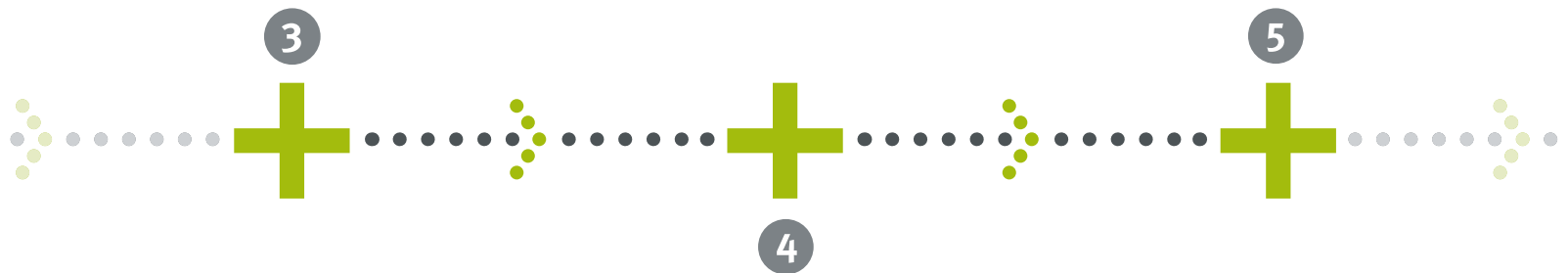


3 Design of measurement concept

The demands for a wind measurement depend on the location and project. In order to ensure that all necessary guidelines are complied with, we will determine for you the best location for your wind measurement, pay attention to suitable dimensioning of mast and booms and can advise you on the choice of number, kind and measuring height of the sensors. We will also assist you in choosing appropriate remote sensing methodologies such as LiDAR. In this way, a full recognition of the wind measurement campaign can be guaranteed. Furthermore, we will supply appraisals of the measuring uncertainty in order for you to have a reliable basis for your planning and decisions.

4 Performing and analysing measurements

High data quality and data availability is not guaranteed only by an optimum measurement concept, but needs support during the whole measurement period. GEO-NET collects your daily measurement data and provides daily examination of the functionality of the measurement system. Possible problems will be determined and remedied quickly and efficiently. All relevant parameters of the wind measurement are summarized in regular reports to always keep you up-to-date on your measurement. In all questions related to the measurement constellation and during the entire measurement campaign, we will be with you throughout your whole project.



5 Bankable measurement report

After the end of the measurement campaign, the dismantling of the met mast GEO-NET will provide you with a bankable final measurement report. Here, the prevailing wind conditions at your site and the adjusted measurement data (free of malfunctions and implausibilities) will be clearly depicted in pictures and graphs.

Results of the uncertainty analysis, which take into account the recalibration of the sensors, will also be shown. The measurement data you receive will be optimally processed for later use within the scope of a wind report. At the end of a measurement campaign, a wind and energy yield report can be provided on the basis of the conducted wind measurement and final micro-siting.