



WIND MEASUREMENT CAMPAIGN (Monthly monitoring reports)





Why is it important to carry out an excellent measurement campaign?

Wind data is the most important ingredient when studying the conditions and the development of a wind farm. They are very important not only for energy calculation purposes but also because they play a major role in the site assessment of the wind farm which is an essential study, required for the nice and lasting performance of a wind farm.

A high availability of the wind data, over 99%, is desirable and constitutes a guarantee for the success and correct dimension of the future wind farm.

Loss of data is always associated with defaults and lack of technical quality in the development of the project, resulting most of the times in bad choices and decisions.

Why Nayxa?

Nayxa put at his clients' service more than 8 years of experience in the wind resource assessment and wind measurement fields. Nayxa has developed a very detailed monthly report that enables a perfect tracking and monitorization of the measurement campaign. Nayxa deals with all sorts of wind data, loggers and sodar of the market.

Nayxa's stuff have worked and monitorized more than 500 met masts over the last 5 years.

An important added value

Nayxa offers a constant and personalized management of the measurement campaign based on a permanent control over wind data and the production of a monthly report that guarantee a high availability, and a perfect quality of the data.

Wind data and a very detailed report are sent once a month to the client indicating if any management action should be taken at the met mast. The report contains much visual information so the client may identify himself if any problem is affecting the measurement system.

The monthly reports mean a very important added value to the project development and assure the success of the measurement campaign.



Personalized approach

At Nayxa one of our goals is to offer a permanent and personalized service to our clients, keeping them informed at any time about the development of their projects and providing them a full time attention service.

We offer a totally configurable service of measurement campaigns to our customers. We code our own tools and therefore we can offer all the calculations and plots wanted by you.

Confidentiality of data

Nayxa guarantees the total confidentiality of the wind data. Our back-up system prevents us from losing any valuable information. We offer to our clients a confidentiality contract in which we made the commitment of not using the data for any other activity not related to the clients' plans.

The most detailed and complete report in the market

At Nayxa we produce a very visual monthly report of about 45-50 pages with a wide range of statistics and plots. Monthly and accumulated calculations are presented in a very easy format to read. The client gets used to the format very fast and is capable of identifying all the magnitudes to make the most of the project. The report is completely configurable, giving the client the opportunity to select the statistics and plots that he might be interested in. By default Nayxa offers the same calculations for each met mast.

Downloads and Checklist

Nayxa offers the possibility of downloading the data once every two weeks and produce a checklist with the target of identifying potential problems as soon as possible. Nevertheless at Nayxa we adapt ourselves to the client's needs and we are capable of working under the client's standards.

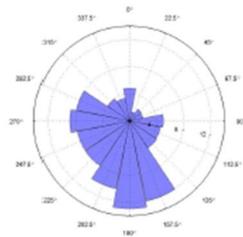
Formats used

Nayxa is capable of managing the data coming from any logger in the market. We provide rough and clean data in the format desired by the client.

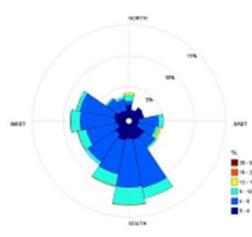


Example Plots

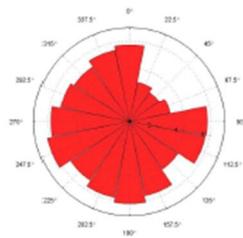
MONTHLY WIND ROSE %



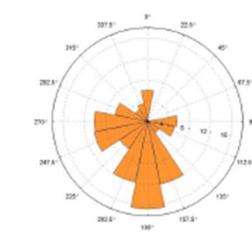
BINNED MONTHLY WIND ROSE %



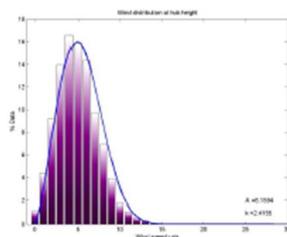
MONTHLY WIND SPEED ROSE m/s



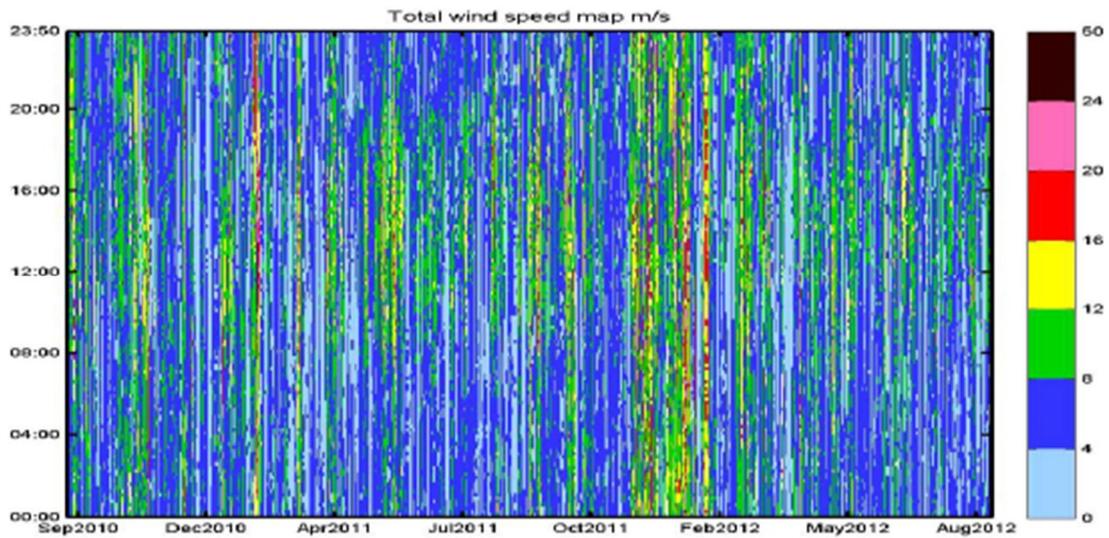
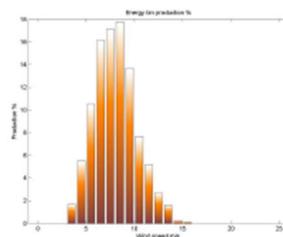
MONTHLY ENERGY ROSE %



MONTHLY WIND HISTOGRAM %



MONTHLY ENERGY HISTOGRAM %





Quality at best price

We offer a great product at an extraordinary quality-price ratio.

Monthly assessment of 1 met mast (data filtering and report included)..... 150€ + VAT*
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*(Please consult discounts for several masts)

The monthly service of measurement campaigns is available for any territory or country of our clients' choice at an extraordinary competitive price. Please consult us for discounts when several products might be required.

For more information you might contact Nayxa Energy Services through our web site www.nayxa.com or the following mail address info@nayxa.com



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About Nayxa Energy Services

Nayxa is a leading independent consultancy company in the area of wind resource assessment and site assessment. At Nayxa we work with commercial software like WAsP or WindFarmer but also with the state-of-art when it comes to in-house wind software development. A continuous research and development plan is carried out at Nayxa.

At Nayxa our philosophy or working is directed and related to a permanent contact with our clients, personalizing at any moment every single project. At Nayxa we have worked as wind resource consultants in more than 20 countries all over the world developing over 10,000 MWs of wind power projects. We are willing to face new challenges and projects and help our clients develop their wind farms.

THE FUTURE IS RENEWABLE!