

Bankable Wind Data

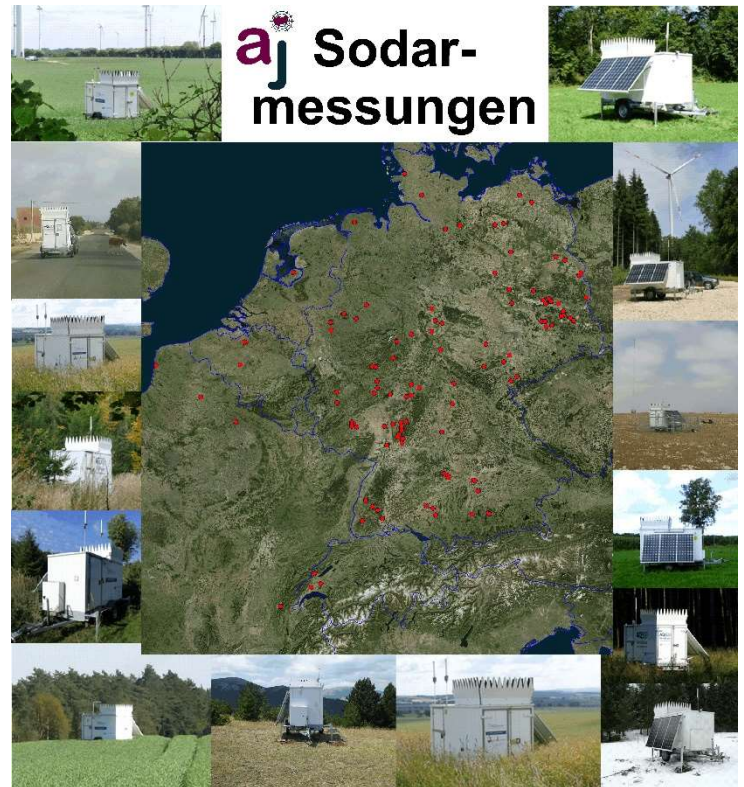
-Proof of banks accepting wind data

AQ510 is a fully classified remote sensing instrument based on the SODAR-technique. AQ510 is based on more than 40 years of research experience and more than 600 instruments have been sold worldwide.

The AQ510 is a complete measurement system with data logger, energy supply and equipment protection as default features. The energy supply system can be customized according to the clients' requests. AQSystem provides thoroughly tested energy solutions with power generator and solar panels.

The AQ510 can handle all ambient conditions, such as fog, rain, low temperatures, and snow. Developed in Sweden where winter is harsh, the AQ510 is especially suitable for cold climates with excessive amounts of snow. The AQ510 can be equipped with a diesel heater that pre-heats the diesel engine to avoid cold starts and the excess heat is used to melt snow or ice in the antenna compartment.

The AQ510 antenna unit is designed with three protected speaker elements which sends and receives sound impulses in a fixed geometry which are reflected by parabolic dishes. Thanks to this unique design neither rain, snow nor other objects are an issue for the AQ510 antenna. There are no moving parts in the antenna unit limiting the need for maintenance. Reducing maintenance and unplanned interruptions are important for the project time plan.



In Germany the following banks are accepting AQ510 Wind Data.

- Commerzbank
- Nord LB/Bremer Landesbank
- DKB
- HSH Nordbank

“We have used sodar systems from AQSystem in a number of projects and are impressed with the instrument performance. In August 2021 we issued a report on a project in Black Forest where we used the production data of a wind farm as a basis. Very complex terrain, production of the wind farm 2 % above prediction which was based on 6 months of Sodar measurement.”

Herbert Schwartz , Geschäftsführer