

# Kiimassuo Humppila Urjala AQ500 winter measurements



Kiimassuo, Humppila and Urjala are wind development project sites in Finland that are situated inland on forested and hilly terrain. AQ500 and metmasts have been used in combination to secure best possible data availability and measurement quality in the winter climate conditions prevailing at the sites.

AQSystems distributor in Finland has been responsible for keeping the AQ500 operating and maximizing the uptime for best-in-class data availability.



[www.tuulisampo.fi](http://www.tuulisampo.fi)

Lasse Kosonen, project manager of Voimamyly and Voimavapriikki:

*"AQ500 has been very easy to deploy on the existing forest roads and openings in the forest. The solar panels in combination with the generator gives us the option to place the system where there is no electricity."*

*"When our cup anemometers have been frozen, although they are heated, AQ500 revealed the icing conditions on the anemometers. Iced anemometers would have caused underestimation of the wind resource in the prevailing wind conditions and therefore underestimation in wind production. Thanks to AQ500 we have therefore been able to more correctly determine the wind resource at the sites."*

Do you want high data availability in harsh arctic climate? Use the AQ500 in your wind farm projects!



[www.aqsystem.se](http://www.aqsystem.se)