

# REMOTE SENSING



## Measurement Services

Quality data, gathered by the RES measurement team has been of fundamental importance in the journey to achieving one of the largest portfolios in the renewables industry. Our primary focus has always been the acquisition of the highest quality data, with the lowest measurement uncertainty. We now offer affordable and targeted services utilising our 30 years of experience in the design, installation & operation of remote meteorological measurement systems to external clients.

### It's all about the data!

Remote sensing devices, such as LiDAR or SoDAR, are essential technologies for measuring and understanding wind characteristics on potential and operational wind farms. They have significant advantages over meteorological masts in terms of safety, logistics and portability.

However understanding when and how to best deploy RSDs is not always straightforward. Our highly experienced team of technicians, engineers and analysts can ensure you get this decision right. We will handle the logistics and deliver the data to your computer screen.

### Our services include:

- Turnkey Solutions for your Measurement Campaign
- System Rental and Fleet Management
- Power Supply Design, Construction, Deployment and Monitoring
- Data Recovery, Management, Analysis and Reporting
- Independent Testing of Devices Before and after Deployment
- Data as a Product. No risk - guaranteed quantity of data

OVER 600  
MET MASTS IN  
18 COUNTRIES



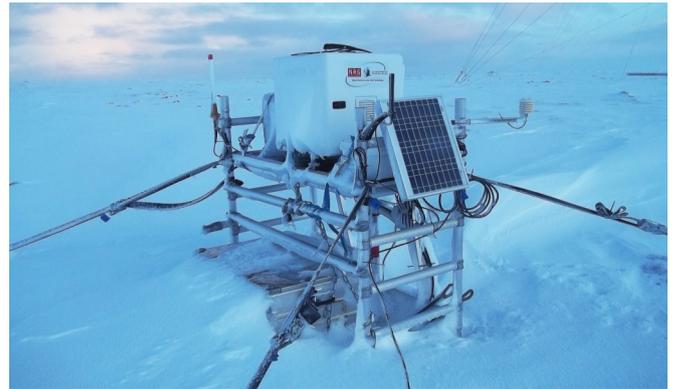
MET MAST DATA  
AVAILABILITY

FLEET MANAGEMENT  
15 REMOTE  
SENSING DEVICES

We own and operate a fleet of 15 remote sensing devices and we have a comprehensive global experience spanning over 8 years in their use and day to day operations. We have developed a methodology for designing bespoke power supply and data recovery systems. In 2014 we achieved an operational data availability of over 98%.

“ We know RSDs inside out, let us manage the logistics and guarantee quality data!

The RES Measurements Department has a dedicated and experienced team of health, safety, quality and environment professionals. Safe working is fundamental to all our operations - we ensure correct training, accreditation and certification. We are accredited to ISO 9001, 14001 and OHSAS 18001 and are proud to have been awarded several RoSPA gold awards. We are also accredited under the Achilles scheme with an overall score of 100%.



Renewable Energy Systems (RES) is one of the world's leading privately-owned renewable energy companies. Drawing on over three decades of experience in the renewables industry, we have the expertise to develop, construct and operate utility-scale energy projects around the world. RES has a global portfolio of over 10GW, with projects including onshore and offshore wind, solar, energy storage, transmission and demand side management.



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