Galion Lidar track record

Stable proven design

Independently validated

Over a decade of wind data captured to date

Galion™

Galion is based on pedigree Lidar technology proven in the atmospheric science industry. A summary of key deployments is given below:

Location	Activity	Duration
Salford, England	Acceptance testing	4 weeks
Helsinki, Finland	Measurement campaign	3 months
East Anglia, England	Measurement campaign	4 months
Achern, Germany	Measurement campaign	3 months
London, England	Measurement campaign	4 weeks
Borneo, SE Asia	Measurement campaign tropical convection	3 months
Boston, USA	Measurement campaign	1 month
Cardington, England	Measuring wind speed & direction data	2 years plus
Reading, England	Measuring wind speed & direction data	7 months
London, England	Measuring wind speed & direction data	2 months
Risø, Denmark	Validation testing	5 months
Myres Hill, Scotland	Multiple measurement campaigns of 4 weekly intervals	9 months
Confidential, Scotland	Measuring wind speed & direction data	4 weeks
Confidential, England	Measuring wind speed & direction data	2 weeks
Confidential, Spain	Measuring wind speed & direction data	1 week
Confidential, N.Ireland	Measuring wind speed, direction and validating some models	4 weeks
Confidential, Scotland	Measurements at multiple deployments as part of power curve study	5 months
Confidential, Italy	Measurement of wind data to supplement mast data on complex terrain	6 months
Confidential, England	Measurement of wind data as part of site resource assessment	6 weeks
Confidential, Scotland	Measurement using 2 Galions on 1 site to provide input data for CFD model of forested site	4 weeks
Confidential, England	Measurement of wind data as part of a noise impact assesment (HWS, VWS, DIR)	4 weeks
Mid Plains, USA	Wind flow characterisation in conjunction with condition monitoring	10 months plus

Galion has been independently validated by Risø DTU in Denmark. Contact galion@sgurrenergy.com for a copy of the full report.

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