

Qualification of Floating Lidar Systems

A measurement service by TNO Wind Energy

Compliant with IEC 61400-50-2 (-50-4 expected to be acquired soon) and IEA Recommended Practices 18



TNO Wind Energy offers a floating lidar system (FLS) qualification service under ISO 17025 accreditation. For this purpose, TNO Wind Energy operates a FLS verification facility at the offshore platform Lichteiland Goeree (LEG), 30 km south-west from Hoek van Holland, where 20 plots are available for the deployment of a FLS. TNO Wind Energy operates a pair of Vaisala WindCube V2.1 lidars situated on the LEG platform to verify the FLS with. Those WindCubes are calibrated every 2-3 years against an IEC-compliant met mast. A data quality system is in place to ensure accurate verification data. Additional meteorological and oceanographical measurements by KNMI and Rijkswaterstaat are also available at this location.

Please send your inquiries to:

Marijn Floris van Dooren
marijn.vandooren@tno.nl
+31 6 21209991

Hans Verhoef
hans.verhoef@tno.nl
+31 6 20619106

For additional information, visit:

