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## DNV GL successfully performed verification campaign of DIABREZZA lidar for nacelle mounted



Photos of DIABREZZA lidar (left), and DNV GL test site in Janneby Germany (right)

**The verification campaign of DIABREZZA lidar for nacelle mounted has been carried out from December 2018 to February 2019 at the DNV GL test site at Janneby, Germany, to verify lidar wind data quality against a well-known high quality standard.**

Wind speed correlations have been carried out for each line-of-sight, showing a high correlation between the reference wind speed and the radial wind speed measured by the lidar. An uncertainty assessment has been also performed for each line-of-sight and afterwards the combined to an overall HWS uncertainty.

**DNV GL:** International accredited register and classification society, structured by five business area including the energy industry. DNV GL delivers world-renowned testing and advisory services to the energy value chain including renewables and energy efficiency. For the wind energy, DNV GL has many experiences in evaluating wind lidars.

**Mitsubishi Electric Corporation:** The global leader in the manufacture of electrical and electronic equipment, including wind lidar. The DIABREZZA lidar has been released in 2013 and been validated by many third parties, concretely, DTU, Ecofys, Dong Energy, in addition to DNV GL. The DIABREZZA is shown in the web site (<http://www.mitsubishielectric.com/bu/lidar/>).