



REMOTE SENSING VERIFICATION

From LiDAR and SoDAR devices
on Austria's highest wind measurement tower

The EWS Testing Center – the accredited testing facility within the EWS Group - operates what is currently Austria's highest wind measurement tower, with a total height of 200 meters above ground, at the EWS test site in Stetteldorf am Wagram, northwest of Vienna.

The wind measurement mast is the centerpiece of the new EWS Wind Test Site, which is designed for LiDAR and SoDAR verification in accordance with international standards. In this „wind laboratory“, remote-sensing-based wind measurement devices are tested to ensure they are functioning properly before and after wind measurement campaigns.

GOOD NEWS
FOR PLANET
EARTH

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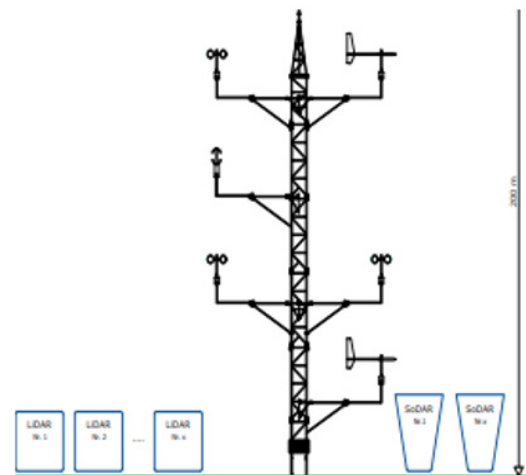




The EWS test site offers 360° unobstructed airflow and optimal wind conditions at the location. Verifications at a height of 200 m reflect the current state of the art in wind measurement technology and reduce uncertainties in wind measurement campaigns and, consequently, in yield assessments.

Your Benefits at a Glance

- Many years of experience in verifying a wide variety of RSD devices
- Processing by the **accredited testing laboratory**, the EWS Testing Center
- **Verification in Accordance with Standards** (IEC 61400-50-2)
- Short verification time due to optimal wind conditions and unrestricted sector availability
- **High data availability & accurate measurement results**
- High accuracy class of anemometers (Thies Clima First Class Advanced X)
- **Minimizing measurement uncertainties** at the EWS test site leads to high acceptance of our wind and yield assessments
- Reliable and accredited test reports
- Parallel verification of up to 20 RSD devices
- Low transportation costs due to short distances



„The 200-meter verification of LiDAR and SoDAR devices allows us to keep pace with the rapid developments in the wind energy industry. We test remote sensing devices for ever-taller wind turbines and ensure their accuracy.“

Mads Nielsen