Press Release

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TÜV SÜD at WindEurope 2024 8 March 2024

TÜV SÜD – partner for safe and profitable energy from renewable sources and hydrogen

Munich / Bilbao. At WindEurope, taking place from 20 to 22 March in Bilbao, Spain, TÜV SÜD will present itself as a partner for safe and profitable energy from renewable sources and hydrogen. The international testing, inspection and certification (TIC) company supports the energy industry with its wide-ranging portfolio of services for wind power, photovoltaics and hydrogen. (Hall 3, Stand 3-D20)

TÜV SÜD offers extensive services for wind turbines and onshore and offshore wind farms, rooftop photovoltaic systems and photovoltaic farms, and the establishment of functioning and safe hydrogen infrastructure.

Providing wind reports, wind potential and site-suitability analyses, type certification and structural analysis, the experts lay the foundation for the planning and realisation of new onshore wind farms and wind turbines. In addition, their assessment and inspection services for the life extension of wind turbines (BPW services) facilitate decision-making around decommissioning, repowering or extending the lifetime of a turbine after the end of its design life.

TÜV SÜD's services in the field of offshore wind energy extend from project certification in accordance with the relevant standards, among them IECRE OD-502, BEK 073, DNV-SE-0190 and BSH (for Germany), to consulting on topics including European standards, grid compatibility, supplier management, risk-oriented maintenance and even owner's engineer activities, for example in construction supervision of offshore substations.

Photovoltaics and hydrogen

TÜV SÜD also offers testing for the compliance-focused installation and safe operation of rooftop PV systems and PV farms as well as of battery storage systems. This encompasses testing and inspection during planning and installation, examination of design documentation, testing prior to placing into service, periodic testing and inspection, and support in the preparation of risk assessments and safety concepts. In addition, the experts support

investors' decision-making processes by offering technical due diligence (TDD) services, technical feasibility studies and TRL assessments.

TÜV SÜD can point to an extensive track record in hydrogen technologies and provides support along the entire H_2 value chain, from generation, storage and transport to application in the various individual fields. Services include certification of green and blue hydrogen, testing and certification of materials, components and systems for their hydrogen compatibility and a guideline for assessing the H2 readiness of power stations including the relevant certification, as well as training courses in safe handling of hydrogen.

More information about the individual topics can be found at

- www.tuvsud.com/wind-power
- www.tuvsud.com/en/industries/energy/solar-power/photovoltaic-plant-certification
- www.tuvsud.com/hydrogen

Note for editorial staff: This press release can be found on the Internet at www.tuvsud.com/newsroom.

Media Relations:

TÜV SÜD AG Corporate Communications Westendstraße 199 80686 Munich, Germany	Dr Thomas Oberst Phone +49 89 5791-2372 Email thomas.oberst@tuvsud.com Internet tuvsud.com/newsroom

Founded in 1866 as a steam boiler inspection association, the TÜV SÜD Group has evolved into a global enterprise. More than 26,000 employees work at over 1.000 locations in about 50 countries to continually improve technology, systems and expertise. They contribute significantly to making technical innovations such as Industry 4.0, autonomous driving and renewable energy safe and reliable. tuvsud.com