

TÜV SÜD at Hannover Messe 2011

1 March 2011

## TÜV SÜD ensures safe and profitable wind energy

**Munich/Hanover. The wind energy sector is on an upswing. Installed power worldwide, totalling 203,000 MW in 2010, will rise to 1,900,000 MW in 2020. TÜV SÜD supports manufacturers, engineering and construction companies and operators of wind turbines by providing comprehensive safety, reliability and profitability services. At the Hannover Messe 2011 which will take place from 4 to 8 April 2011, visitors can inform themselves about TÜV SÜD's entire service portfolio in the field of renewables (Hall 27, Stand J 66).**



In the future, offshore wind farms in particular will make a rising contribution to securing energy supply. According to estimates by the European Wind Energy Association (EWEA), the installed power of offshore facilities in Europe alone may increase from 2,000 MW in 2010 to 40,000 MW in 2020. The establishment of an offshore wind-power department has clearly strengthened the position of TÜV SÜD Industrie Service GmbH in the offshore sector. Its service portfolio includes certification of offshore wind farms, technical testing of offshore structures, preparation of risk assessments, development and surveillance of occupational health and safety schemes, and monitoring and quality assurance throughout the construction phase of offshore projects. "Further focal areas are factory inspection and quality control during the production of all components, including cross-interface quality assurance of the interaction between individual components", explains Alexander Heitmann, Head of the Offshore Wind Power department. "We also provide periodic testing throughout the service life of offshore wind farms."

The offshore services round off TÜV SÜD's existing portfolio of proven services in the area of wind energy. "We offer comprehensive and customized consultancy and support for manufacturers, engineering and construction companies and operators of wind-power stations", explains Peter Herbert Meier, Head of Wind Cert Services at TÜV SÜD Industrie Service. "In this context, we cover the entire

range of services from type certification to site assessment and wind-farm certification." For this purpose, the wind experts rely on a set of aligned assessment instruments, including wind measurement, yield prediction, analysis of wind potential and expert opinions on turbulence and extreme winds. Last but not least, wind-farm due diligence and wind farm certification provide certainty that the potential of a site will be fully exploited.

In Hanover, visitors can find TÜV SÜD at the leading trade fair. At the TÜV SÜD stand, visitors to Hannover Messe can find out about TÜV SÜD's entire service portfolio in the field of renewables – from biomass, geothermal and solar thermal energy to hydropower and wind energy (Hall 27, Stand J66) .


Further information on this subject is available on the Internet at:

[www.tuev-sued.de/is](http://www.tuev-sued.de/is) and [www.tuev-sued.de/windenergie](http://www.tuev-sued.de/windenergie)

**Note for editorial staff:** The photo of Alexander Heitman can be downloaded in printable resolution from the "Current Press Photos" category [www.tuev-sued.de/pressefotos](http://www.tuev-sued.de/pressefotos).

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 TÜV SÜD Industrie Service GmbH supplies engineering, testing and inspection and consulting services for manufacturers and operators of process-engineering plants, buildings and infrastructural facilities. Additionally the 2,400 employees offer consulting services for the planning and construction phases and provide support in optimizing and safeguarding smooth operation right down to dismantling and disposal.

TÜV SÜD is a leading international service organization catering to the strategic business segments INDUSTRY, MOBILITY and CERTIFICATION. Over 16,000 employees are represented at more than 600 locations throughout the world. Optimizing technology, systems and know-how, the interdisciplinary specialist teams act as process partners to strengthen their customers' competitiveness.