Press Release

Add value.
Inspire trust.

Wind energy 14 January 2022

TÜV SÜD to contribute to the safety of the world´s largest wind farm in Korea

Seoul/South Korea. On 11 January TÜV SÜD Korea and Shinan-gun, a county on the southwest coast of South Korea signed a Memorandum of Understanding (MoU) with KEPCO KPS (Korea Electric Power Corporation's Plant Service & Engineering), a public enterprise supplying electric power and industrial resources. The MoU details the parties' agreement to cooperate in the establishment of an industrial O&M (Operation & Maintenance) ecosystem for Shinan offshore wind farm and to contribute to Korea's achievement of its Renewable Energy 3020 Implementation Plan.

The MoU signing ceremony was attended by Jung-Wook Seo, Managing Director of TÜV SÜD Korea; Woo-Ryang Park, Governor of Shinan-gun; Hong-Yeon Kim, President & CEO of KEPCO KPS; Peter Winkler, Deputy Head of Mission, German Embassy Seoul; and Arne Küper, Counsellor for Economic Affairs, German Embassy Seoul.

The Shinan wind farm will be the world's largest offshore wind farm. It will generate 8.2 gigawatts of electricity meeting the needs of the 12-million population of Seoul and Incheon. The project is a major component of President Moon Jae-In's Green New Deal, initiated in 2020 to curb reliance on fossil fuels in Asia's fourth-largest economy and make it carbon neutral by 2050. Many leading utility and

engineering companies, such as Korea Electric Power Corp, SK E&S, Hanwha Engineering & Construction Corp and Doosan Heavy Industries & Construction Co, are involved in the realisation of the Shinan wind farm. KRW 48 trillion (USD 43 billion) will be invested by 2030 and more than 1,600 O&M experts will be required for its construction.

TÜV SÜD Korea will establish a training centre and develop a specialised training system at Shinan-gun to ensure occupational safety for the wind turbine experts. “The larger the power generation capacity, the bigger the wind turbine blades and the higher the towers. The recently constructed wind turbines are 130m high, equivalent to the height of a 45-storey building. Also, wind turbines are in areas with strong gusts of wind, which can be dangerous to workers. Safety training is not a choice but a necessity”, said Jung-Wook Seo, Managing Director of TÜV SÜD Korea.

TÜV SÜD Korea’s training for wind-turbine experts will be designed to nurture international wind-turbine experts in accordance with the international standards for offshore and onshore wind farm O&M. The first floating LiDAR calibration site in South Korea will open near Jaeun Island at Shinan-gun during the period of this MoU. TÜV SÜD Korea will be operating the site, which is essential to provide reliable floating LiDAR for offshore wind-power resource investigation.

“Korea and Germany share many similarities: Both countries are industrialised, export-oriented and innovation-driven with a focus on manufacturing and future-oriented industries. Today’s MoU sends a strong signal, showing that Germany and Korea are joining hands to tackle the security of energy supply and climate change and that our countries are walking the path towards more sustainability together”, said Peter Winkler, Deputy Head of Mission, German Embassy Seoul, who attended the event on behalf of Ambassador Michael Reiffenstuel.

Further information on TÜV SÜD's services in the field of wind energy is available at www.tuvsud.com/windenergy.

Note for editorial teams: This press release and high-resolution photo can be downloaded from www.tuvsud.com/newsroom.

Media Relations:

Dr Thomas Oberst TÜV SÜD AG Corporate Communications Westendstr. 199, 80686 Munich	Tel. +49 (0) 89 / 57 91 – 23 72 Fax +49 (0) 89 / 57 91 – 22 69 Email thomas.oberst@tuvsud.com Internet www.tuvsud.com
Stella Han TÜV SÜD Korea Ltd. Marketing29F, Two IFC, 10 Gukjegeumyung-ro, Yeongdeungpo-gu, 7326 Seoul	Tel. +82 2 67152 823 Fax +82 2 3215 1111 Email stella.han@tuvsud.com Internet www.tuvsud.com

Founded in 1866 as a steam boiler inspection association, the TÜV SÜD Group has evolved into a global enterprise. More than 25,000 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. www.tuvsud.com