

Pressemitteilung

RECHARGE Wind Power Summit 2025: A strong signal in support of dynamic growth

Amid rising costs, structural challenges, and political hurdles, the global wind energy industry is facing headwind. At the RECHARGE Wind Power Summit powered by WindEnergy Hamburg, the international wind community shared the latest industry news in Hamburg last week and delivered fresh impetus for continued dynamic growth of wind energy.

Hamburg, 3 December 2025 – A better time for the RECHARGE Wind Power Summit powered by WindEnergy Hamburg could hardly have been found: Just a few days after the end of COP 30, the World Climate Conference in Belem, Brazil, leading players from the international wind energy industry met at the CCH – Congress Center Hamburg to discuss political challenges, economic prospects and technical innovations.

Follow-up to a successful format

Exploring the sector's prospects while building a platform for cooperation, more than 250 participants enjoyed an information-packed conference day and a first-rate exhibition. In fact, the RECHARGE Wind Power Summit powered by WindEnergy Hamburg format proved so successful that the organisers are determined to develop it further. At Hamburg's city hall, Hamburg Messe und Congress GmbH (HMC), DN Media Group – the parent company of RECHARGE, as well as Enterprise Singapore and the Singapore Tourism Board signed a Memorandum of Understanding to this effect: In 2026 there will be a two-day RECHARGE Wind Power Summit Asia-Pacific powered by WindEnergy Hamburg in Singapore. What is more, a three-day WindEnergy Asia-Pacific powered by RECHARGE flagship fair has been scheduled for 2027 as well as 2029 to cater for the growing wind energy market in Asia-Pacific. "Wind energy remains an essential key to the transformation of the energy sector," said **Claus Ulrich Selbach**, Vice President Exhibitions at HMC. "Through our flagship fairs around the world, we help coordinate the interaction across the sector, which is so important for its long-term success."

Focus on key issues

"Three quarters of global greenhouse gas emissions are produced by the energy sector. Therefore the energy transition is the most important initiative worldwide to mitigate global warming," said **Andrew Lee**, editor-in-chief of the well-known industry publication RECHARGE, which organised the agenda for the conference. The good news is: The trend is unbroken. During the first half of 2025, more electricity was generated globally from renewable energy than from

coal for the first time. According to the World Wind Energy Association, offshore and onshore wind farms with a combined rated output of 72 gigawatts were installed during that period, 50 gigawatts in China alone.

No wonder China's dual role as the biggest market and the leading player in the industry was one of the most hotly debated topics during the event. For example, **Dr. Dennis Rendschmidt**, Managing Director of VDMA Power Systems, warned against dependency on deliveries from countries "that are our political competitors and whose laws allow them to meddle with the affairs of private enterprises." But **Horatio Evers**, CEO of Ming Yang Europe, objected: "We are an independent and transparent private-sector enterprise, not the 'extended arm' of the Chinese government."

Another discussion panel of top-flight experts addressed the need to protect energy systems as part of the critical infrastructure. **Dr. Anna Wallbrecht**, who heads the Offshore Wind unit at the German Federal Ministry for Economic Affairs (BMWE), stressed the importance of maintaining a close dialogue with companies, especially in the context of cyber security. **Stefan Thimm**, Managing Director of the Federal Association of Offshore Wind Energy (BWO), pointed out that security is first and foremost a responsibility of the government, in particular "protecting against acts of sabotage." Emphasising the severity of the present threat, **Anu Eslas**, Head of European and Baltic Affairs at Ignitis Group, commented: "The Baltic countries are being attacked on a daily basis, whether digitally or by drones or balloons."

Game-changing technologies

Another expert panel explored technical innovations. **Christian Wood**, Executive Vice President, Renewables & Ocean Structures, Digital Solutions at DNV, explained how using Artificial Intelligence and trusted data can shorten cycle times from concept development to manufacture. AI is part of day-to-day wind turbine operation, as well, "whether in the context of Digital Twins, wind farm performance optimisation, or remote maintenance," said **Stephan Buller**, Head of Offshore Portfolio Management & Floating Offshore Wind at Siemens Gamesa. Vestas is likewise employing AI in many areas. **Adriana Verde Rios**, Senior Vice President & Regional CTO, NCE at Vestas, specifically mentioned predictive maintenance and end-of-line testing.

The phenomenon of wake vortices was the subject of yet another panel discussion. **Dr. Martin Dörenkämper** from the Fraunhofer Institute for Wind Energy Systems, IWES, said: "In the closely-clustered wind farm regions in the North Sea, wake effects can reduce the energy harvest by up to 30 per cent." **Eirik Finserås, Ph. D.**, Associate & Partner at Wikborg Rein, highlighted legal issues. "Nobody owns the wind," he said, stressing the need for bilateral solutions. Whatever the case, wake effects should always be taken into consideration when planning new wind farms, he added.

Increase of political hurdles

A major topic throughout the discussions between experts from politics, business, science and public administration was the changing political environment: In many countries, the fight against climate change is no longer a top item on the agenda. The United States government is actually undermining wind farm projects at an advanced developmental stage. These trends are forcing market players to be extremely flexible and financially resilient.

A wealth of topics – and massive expertise. “We are pleased to have successfully established a new conference format in Hamburg, jointly with our partner RECHARGE,” said **Claus Ulrich Selbach**. Alongside the conference, several market-leading suppliers took the opportunity to present their innovations at an exclusive exhibition at the CCH – Congress Center Hamburg. “The Summit was a highly successful event and a great networking platform. We met some old acquaintances from the industry and were able to engage in conversations with a number of representatives of the value chain,” said **Hanno Stoll**, Senior Sales Manager Sales & After Sales Germany North at Enercon.

About the RECHARGE Wind Power Summit 2025 powered by WindEnergy Hamburg

The industry conference and exhibition took place at the CCH – Congress Center Hamburg on 27 November 2025, forming an ideal bridge between the most recent WindEnergy Hamburg and its next edition in September 2026. More than 25 top-flight speakers, 250 conference participants from around the world, and a dozen exhibiting companies attended the RECHARGE Wind Power Summit. The precursor format, the Global Wind Power Summit, was last held in Oslo and Washington, D.C. A conference has been scheduled for Singapore next year.

For further information go to: <http://www.futureenergy.events/WINDPOWER2025>

About WindEnergy Hamburg

From 22 to 25 September 2026, WindEnergy Hamburg, the world's leading wind industry fair, will once again be the pivotal networking hub for experts, companies and investors from around the world: in eleven exhibition halls on the Hamburg Messe und Congress GmbH campus, right in the heart of the vibrant northern German port city, more than 1,600 companies from roughly 40 countries will present their innovations and solutions to 43,000 participants from around 100 different nations. Covering 80,000 m² of exhibition floor, equipment manufacturers and suppliers representing all stages of the value chain for onshore and offshore wind energy will provide a comprehensive market overview. The new Energy Storage expo area, located in a hall of its own (A2) with roughly 3,600 square metres of floor space, will put the spotlight of the flagship fair on energy storage technology. The trade fair will be accompanied by freely accessible conference sessions where top-ranking experts will address the industry's key topics. Featuring more than 300 renowned speakers on six open stages, this free conference programme is organised by the WindEnergy Hamburg team jointly with its partners, including the Global Wind Energy Council (GWEC), the European industry organisation WindEurope, the national industry associations Verband Deutscher Maschinen- und Anlagenbau (VDMA) and Bundesverband WindEnergie (BWE), as well as leading industry media and enterprises.

For more information as well as photos and press releases for downloading, please visit [Join the global on & offshore event – WindEnergy Hamburg](#).

Exhibitor Feedback

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