

Press Release · Pressemitteilung

Fifteenth WindEnergy trend:index:

Mood in the wind industry weakens but remains generally positive – North America with marked downturn

Hamburg, 12 June 2025 – The fifteenth edition of the WindEnergy trend:index (WETix) reflects a weakening mood in the wind energy market compared to last year in both, the onshore and offshore segments, with the general outlook remaining positive except for the North American market. Compiled at six-month intervals since 2018, and issued by the global flagship fair WindEnergy Hamburg in collaboration with wind:research, a leading market research institute for wind energy, the survey this time proves in particular that the economic environment and the market development in the North American wind sector are now seen in a significantly less favourable light than in the other world regions. In both the onshore and offshore segments, North America has reached a low point, with responses to all questions in the negative range for the first time. However, this does not have a major impact on the assessments of the technology development.

Many market stakeholders are viewing the development of the onshore and offshore segments with much more scepticism than last year. While respondents continue to give generally positive ratings to the onshore markets – with the exception of the North American market –, ratings are at a significantly lower level. The mood about the next twelve months is slightly better than for the coming two years.



Figure 1: Assessment of the global market for onshore wind energy within the next twelve months

Expectations for the coming twelve-month period in the offshore segment are showing a similarly distinct decline. This is even more pronounced for the longer-term outlook on the coming two years.

Nevertheless, both the short- and long-term assessments for offshore remain in the positive quadrant, again with the exception of the North American market.

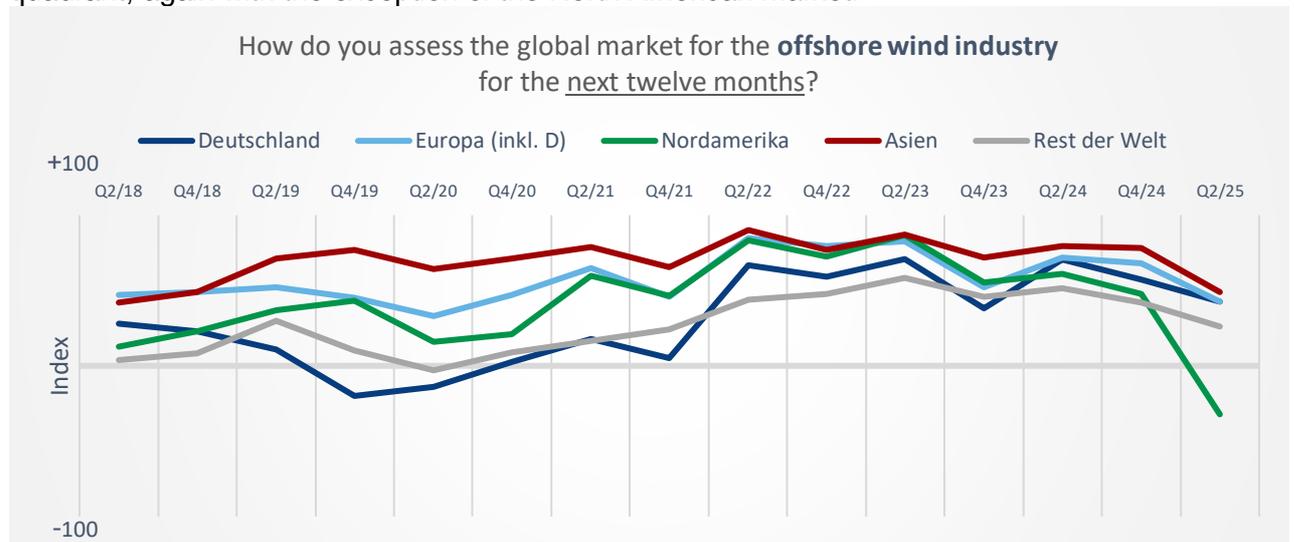


Figure 2: Assessment of the global market for offshore wind energy within the next twelve months

Market stakeholders' perceptions of the North American market are clearly pessimistic now. Not only are the ratings of the market development over the coming twelve months in both, the onshore and offshore segments significantly poorer than in recent surveys but, for the first time, expectations for the longer-term market development are negative. These even more negative expectations for the coming two years are in part attributable to the policy change in the USA under the new administration of President Donald Trump.

Turbine power by 2030: offshore keeps growing, onshore declines slightly

Answers from industry stakeholders to the questions addressing the average output power of newly installed turbines are quite unanimous: The expected average size of a turbine installed offshore in 2030 has increased once again, reaching a new maximum at 19.44 MW on average. Meanwhile, forecasts for the average size of onshore turbines have dropped somewhat to roughly 8.46 MW. This means that the assessment of the technology development, especially in the offshore segment, is not affected negatively by the generally more subdued views of market developments and the economic environment.

New survey question: Grid issues delay new development projects

In the previous WEtix survey, permitting and grid intertie were said to be the biggest hurdles for further expansion of onshore and offshore wind energy. To explore these issues further, the current edition of the WEtix survey asked respondents to indicate the length of delays caused by grid bottlenecks in new development projects. This revealed an average delay period in onshore development projects of 2.8 years. In offshore wind projects, this delay is even more severe, averaging at 3.2 years. These delays once more underline the importance of rapid grid development efforts.

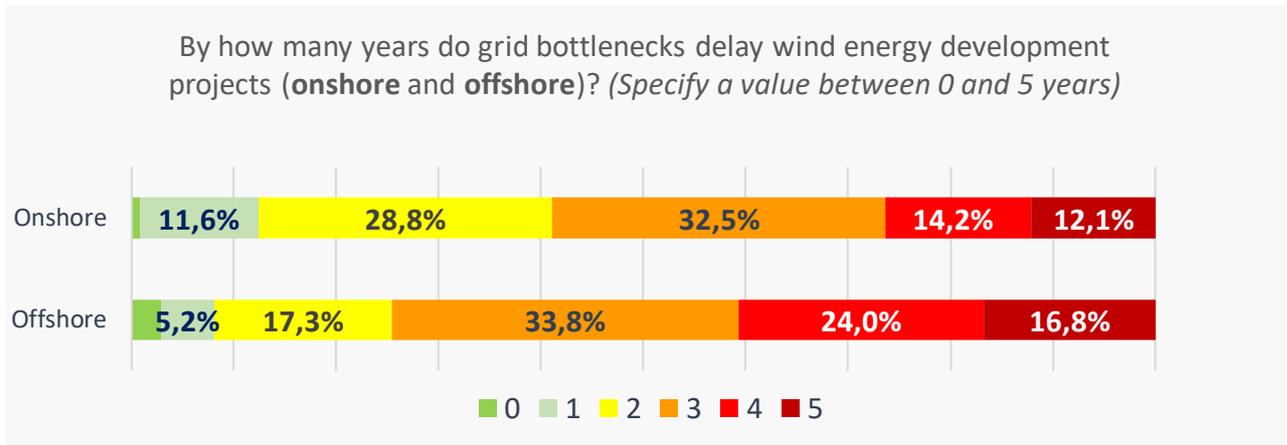


Figure 3: Delays of wind energy development projects caused by grid bottlenecks

About WETix

The WindEnergy trend:**index**, a mood barometer for the wind industry, is jointly compiled by WindEnergy Hamburg, the world's leading expo for onshore and offshore wind energy, and wind:research, the leading wind energy market research institute. The survey focuses on examining the potential of wind energy, covering both the onshore and offshore segments. More than 900 respondents took part in the current survey between mid-March and mid-May 2025, sharing their assessments of developments in the global onshore and offshore wind industry. The WETix index covers all onshore and offshore regions globally. The following market regions were defined: Germany, Europe (including Germany), North America, Asia, and Rest of World (RoW). Around 21 per cent of respondents work in the offshore segment exclusively and roughly 38 per cent are primarily active in the onshore segment. About 36 per cent are involved in both the onshore and offshore segments. Companies identifying as "other" (3 per cent) often hail from the hydrogen or photovoltaics industries. The 15th edition of the WETix survey was additionally offered in Spanish for the first time.

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 countries. Covering 80,000 m² of exhibition floor, equipment manufacturers and suppliers representing all stages of the onshore and offshore wind energy value chain 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 five 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 VDMA and BWE, and leading industry media and enterprises.

Opening hours and further information

WindEnergy Hamburg 2026 will open from 10:00am to 06:00pm Tuesday 22 September to Thursday 24 September, and from 10:00am to 04:00pm on Friday 25 September. It is accessible from the entrances at Messeplatz (Centre), St. Petersburger Straße (East), Karolinenstraße (South) und Lagerstraße (West).

All visitors in possession of an online ticket will be able to travel to the flagship fair in an especially sustainable manner: Every visitor ticket purchased online includes a ticket to and from the fair on Hamburg's public transport system.

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

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For questions regarding the contents, interpretation and methodology of the survey or to learn more about wind:**research** please contact: presse@windresearch.de

About wind:research:

The market research institute wind:**research** prepares market studies and analyses as well as expert reports, through to M&A services for the wind energy sector, delivering detailed insights for strategy development to energy utilities, project developers, operators, component and turbine manufacturers as well as municipal, state and federal governments. In addition, it publishes weekly clippings on a wide range of topics such as hydrogen. For further information go to: www.windresearch.de