

Press Release · Pressemitteilung

WindEnergy Hamburg trade fair ticket includes comprehensive, free conference programme

Hamburg, 14 September 2022 – This year for the first time WindEnergy Hamburg offers its full conference and support programme without requiring extra admission tickets. Presented on four open stages inside the exhibition halls, the programme is more extensive than ever. The WindEnergy Hamburg team present this programme jointly with their partners, including the Global Wind Energy Council (GWEC), the European organisation WindEurope, the World Wind Energy Association e.V. (WWEA), the German national engineering industry association VDMA and the national wind energy association Bundesverband WindEnergie e.V. (BWE), as well as leading industry media and companies from the wind sector. From 27 to 30 September 2022, a range of event formats will present new processes, technologies, national and international support programmes and financing options and provide opportunities for international networking and establishing project cooperation partnerships across borders. The flagship fair is thus the international knowledge transfer hub of the wind industry.

“The demand for climate-friendly renewable energy is growing rapidly. In this scenario, wind power is a key technology, a fact that puts the spotlight of worldwide public attention on WindEnergy Hamburg this year. From Hamburg we look out into the world, offering our exhibiting companies and visitors what really counts now: Detailed insights into state-of-the-art technologies and projects, along with an enormous breadth of learning opportunities along the entire value chain of the wind industry,” said Bernd Aufderheide, President and CEO of Hamburg Messe und Congress. This year for the first time, the H2EXPO EXPO & CONFERENCE, the new international meeting place focused on the generation, distribution and use of green hydrogen, takes place in parallel with WindEnergy Hamburg. The Hamburg exhibition campus thus becomes the international meeting place for both industry segments where government representatives meet with the corporate world. Many of the participating exhibiting companies, start-ups, research institutions and industry associations contribute to the supporting programme staged at many locations on the exhibition campus. On 27 September Dr Robert Habeck, Federal Minister for Economic Affairs and Climate Protection, will open this year’s WindEnergy Hamburg and H2EXPO & CONFERENCE, giving the start signal for an industry event that is heading for expansion.

So who provides information on what, and where? Here is a brief overview of the four-day conference programme hosted on four stages:

Global Markets Theatre – Opportunities in major and emerging wind industry markets

In Hall B1, upper floor (UF), the Global Wind Energy Council (GWEC) and WindEnergy Hamburg invite stakeholders to form cooperation partnerships for wind power projects. This is where participants, organisations, associations and institutions from around the world can meet manufacturers, developers, component suppliers, and representatives of research institutes, utility companies and finance and insurance companies to collaborate.

On the first day of the fair high-level representatives of leading offshore wind power companies will discuss the conditions which must be met to drive successful growth of wind power around the world. Then experts from the World Bank Group (WBG) and GWEC will provide information about opportunities in emerging offshore wind markets. In the afternoon the Global Offshore Wind Alliance (GOWA) will introduce itself. It has been established jointly by the Danish government, the International Organisation for Renewable Energy (IRENA) and the Global Wind Energy Council (GWEC). The GOWA aims to become a driving force behind the expansion of offshore wind energy. This will entail building up a combined offshore generation capacity of at least 380 GW by 2030 and increasing the annual growth rate of the installed capacity by at least 70 GW from 2030.

The agenda for the second day of the fair includes items such as the presentation of the report "GWO/GWEC Global Wind Workforce Forecast 2022-2026". GWO develops globally recognised safety and technical training standards to meet the needs of the industry. The standards ensure that technicians undergo high quality training and operators, initial equipment providers and contractors can rationalise their business processes and avoid retraining costs. Furthermore, the session will see the presentation of the third annual GWO/GWEC Global Wind Workforce Forecast which analyses workforce development dynamics related to construction and maintenance of onshore and offshore wind farms. The report also examines the entire workforce qualifying for GWO training, segmented by target market, sector and project development phase.

On the last day of the trade fair, the Global Markets Theatre will focus on "Leading into the Future – the Role of Wind Energy in the World up to 2030: Opportunities and Risks on the Horizon."

New Horizons Stage – Outlook on sustainable European market developments

Three well-connected institutions joined hands to arrange the conference programme in Hall B6: WindEurope, VDMA, and BWE, supported by WWEA and several other partners. With more than 400 members from the entire wind power value chain, WindEurope is the voice of the wind industry whose interests it advocates throughout Europe. As suppliers and users of sustainable energy systems, the members of the German engineering industry association VDMA play a key role in the expansion of renewable energies. They will share lessons learned with the conference audience. BWE, counting more than 2,000 members and a wide range of expert committees, is one of the world's largest renewable energy associations. The four-day conference programme prepared jointly by these three key players will deliver an abundance of practical expertise for practical application.

For example, on 27 September 2022 Malgosia Bartosik and Sven Utermöhlen, the Deputy CEO and Chairman of WindEurope respectively, will invite visitors for a fireside chat. This format intends to provide room for the participants to let their thoughts run free, sum up what has been achieved, and lay out various future scenarios. In another panel discussion at noontime, BWE will seek to answer the question: "German energy policy – Will the fast track to independence succeed?" In the afternoon of the first fair day, VDMA will focus on practical options: The panel discussion "Pathways for expansion of wind energy and the development of the supply chain" begins at 3:00pm.

On 28 September the WWEA conference programme, held in cooperation with the Ukrainian Wind Energy Organization and Global100RE, will explore the current situation in Ukraine in a session titled "Renewables4Ukraine – Renewables4theWorld". Speakers from Ukraine, Turkey and the Netherlands will assess the current energy crisis from various perspectives and make recommendations how to respond.

29 September begins with a VDMA panel discussion on rotor blade recycling and pathways to a circular economy within the wind industry. This will be followed directly by a practical introduction to value generation from wind energy machinery data. In the afternoon, panellists will examine the complex topic of Power Purchase Agreements (PPA), providing an overview of the development of PPAs in key European markets, and discuss the growing interest of high-energy industries in long-term energy procurement as well as the potential scope of the PPA market in 2030.

VDMA will begin the last day with an industry overview. The subsequent panel discussion will explore major challenges facing the implementation of floating 10 GW wind turbines, whereupon a round of experts will elaborate on "Offshore wind and renewable hydrogen: two sides of the same coin" on the New Horizons Stage. To conclude the programme, BWE will address an interdisciplinary topic which has been gaining in importance within the renewables sector, as well, titled: "Between fake news and hate speak".

Speakers' Corner – product highlights and innovations at 10-minute intervals

From Tuesday 27-09 until Thursday, 29-09-2022 trade fair visitors can listen to 10-minute keynotes in Hall B5. This will be a great opportunity to learn about many different aspects of wind power. Beginning at 10:00am, WindEnergy Hamburg exhibitors will present information about their product novelties and technology developments at Speakers' Corner. Each keynote will highlight a different aspect of the wind industry. For example, there will be a speech about using cargo drones for logistics applications around wind turbines, while another speaker will explain how to avert and manage risks associated with storms and lightning in the wind power sector. Furthermore, a digital marketplace for wind power sites, which will facilitate the search for suitable sites and provide support for leasing, planning and permitting and the WindEnergy trend:index will be introduced. Artificial Intelligence (AI) applications have plenty of potential for the industry and one time slot at Speakers' Corner will describe how IoT sensors and machine learning can extend the service life of wind farms. A comprehensive solution for operating floating wind turbines using innovative technologies will be presented, and yet another speech will explore value generation options utilising green hydrogen produced from offshore wind energy in northern Germany.

On 30-09-2022, the last day of the fair, Speakers' Corner will be the meeting place for recruiters, employers and jobseekers in the wind sector, beginning at 10:00am. At the Recruiting Forum, WindEnergy Hamburg exhibitors will introduce themselves as employers, outline career and training opportunities jointly with recruiters, and offer specific job openings at the "Jobwall".

Andreas Arnheim, WindEnergy Hamburg Project Director, sees great potential in the Speakers' Corner concept: "Speakers can take the opportunity to attract the industry visitors' attention for 10 minutes without being at their exhibition stands. Given a good performance and the right listeners, this might lead to new cooperation arrangements with plenty of potential for the future."

H2EXPO & CONFERENCE Stage – Focus on production, storage, transport and infrastructure

During WindEnergy Hamburg, the conference stage in Hall A2 will be an information hotspot centred around the globally-coordinated ramp-up of the hydrogen economy. Top-ranking speakers from politics, business and science will discuss current topics, such as regulatory issues, technologies and the future of green hydrogen. Each of the four conference days will feature another set of topics, such as regional and global business perspectives, energy transport and storage, regulations and support programmes, or target markets. During the first day of the fair, speeches and panel discussions will provide profound insights into the development of innovative hydrogen technologies and strategic approaches to their implementation. Experts will explain the conditions that must be met to create and expand a hydrogen infrastructure, accounting for geopolitical aspects, energy safety, and cross-border collaboration between project developers, governments, scientists and the industry.

For example, on 28 September the conference programme will focus on Hamburg and northern Germany, starting with a set of reports on the topic of "H2 – current developments in Hamburg and northern Germany". There will be a discussion on the question "Is a regional renewable energy supply the key to hydrogen production?". At 3:30pm a panel discussion will focus on "Hydrogen production in Germany – The role of offshore wind energy in ensuring a safe energy supply".

29 September will expand the horizon beyond Germany's borders, putting the spotlight on European market developments. To secure the supply of energy for emission-free mobility within Europe, it will be necessary to expand the H2 refuelling infrastructure and the use of green hydrogen in the transport sector. The day's programme will include a presentation of the European regulatory framework as well as a keynote introducing a new institution for coordinated hydrogen projects: The hydrogen union "H2Global4Europe".

The entire, exceptional conference programme is made possible by close cooperation between four well-connected partners: The German Hydrogen and Fuel Cells Association (DWV), the Hamburg Renewable Energy Cluster (EEHH), the industry experts from Recharge, and the German engineering industry association, VDMA.

Specials & Networking – WindEnergy Match becomes the industry's international cooperation hub

At half time during the fair, on 28 and 29 September, the Enterprise Europe Network will stage its WindEnergy Match again this year, an international matchmaking event for visitors and exhibitors. For many years this global cooperation hub has been a core part of WindEnergy Hamburg. It will take place right next to Speakers' Corner. It is open to visitors and exhibitors, companies, research institutions and start-ups looking for international business and project partners in the wind energy and green hydrogen segments. Anyone interested in participating in this free event may register by submitting a brief, meaningful profile and a description of the sought technologies or cooperation partnerships to <https://windenergymatch-2022.b2match.io/>.

Last but not least: Wine o'clock – Networking opportunity at the end of each fair day

WindEnergy Hamburg 2022 introduces another new feature called [Wine o'clock](#). On all stages of WindEnergy, exhibiting companies and institutions can welcome customers in a relaxed atmosphere over a glass of wine or an alcohol-free beverage. In addition to a large number of registered exhibition stand parties in all halls, this informal get-together including free drinks provides participants with a perfect opportunity to exchange news and views with colleagues and to establish new business ties.

For the complete conference and event programme please go to:

<https://www.windenergyhamburg.com/en/conferences>

WindEnergy Hamburg from 27 - 30 September 2022

Every two years one of the most fascinating industries meets for the leading global networking event for wind energy: At WindEnergy Hamburg, which takes place right in the heart of the vibrant northern German port city, around 1,400 companies from 40 countries present their innovations and solutions in ten exhibition halls to up to 30,000 visitors from 100 different nations. Covering 68,500 m² across the exhibition campus, equipment manufacturers and suppliers representing all stages of the onshore and offshore wind energy value chain provide a comprehensive overview of the market. Providers of everything from planning and project design to installation, operation and maintenance, and through to marketing, certification and financing take part to showcase their services. The expo is accompanied by conference sessions featuring top-ranking experts who address the industry's current key topics. The WindEnergy Hamburg team develop this programme jointly with their partners, including the Global Wind Energy Council (GWEC), the European organisation WindEurope, the national industry associations VDMA and BWE, leading industry media, and companies from the wind energy sector. From 27 until 30 September 2022 all conference sessions are offered free of charge on four open stages located directly inside the exhibition halls. The H2EXPO AND CONFERENCE, the new international meeting place focused on the generation, distribution and use of green hydrogen, takes place in parallel with WindEnergy Hamburg 2022 for the first time.

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