

**WIND POWER INDUSTRY AT COMPOSITES EUROPE 2016:  
OFFSHORE EXPANSION AND ONSHORE REPOWERING ENSURE GROWTH**



- Wind theme day with guided tour November 29<sup>th</sup>
- Lectures about material trends

With an investment volume of EUR 14 billion in the offshore sector alone, the European wind power industry has set a new record high in the first half of 2016. This figure and the view on the still open approval procedures in this segment as well as the onshore upcoming generational change from existing to modern facilities (repowering) show that the potential for growth is far from being exploited. Also in America as well as in Asia and the Pacific area a new emerging wind energy sector is also driving demand for fiber composites. The COMPOSITES EUROPE exhibition will be showing in Dusseldorf from November 29<sup>th</sup> to December 1<sup>st</sup> 2016 the latest trends and developments.

**Theme Day: Wind meets Composites**

Sector specialists such as Gaugler & Lutz, DD Compound, 3D Core, LAP and Power & Composite Technology will be showing current technologies at the COMPOSITES EUROPE, latest machine tools and manufacturing processes for the wind power industry. A highlight for all wind experts: On November 29<sup>th</sup> will be the theme day „Wind meets Composites“ at the fair. This day will be sponsored by GUNNAR International, Weissenberger, Hexion and SAERTEX. Engineers of aerodynamics, materials science, lightweight construction and production technology will be able to exchange ideas with purchasers, exhibitors and wind energy specialists in the composite sector. The focus will be, among other things, on topics such as the influence of material selection, on design, weight, stability, processing or production processes as well as on certification, standardization and automation in rotor blade construction.



**Guided theme walks**

An optimal overview of exhibitors' offer on the topic wind is given to visitors by the opportunity of taking part at guided tours. Here they will specifically directed to various exhibitors from the wind segment, where they can get within 10 minutes information about their products and innovations. There will be two guided tours on November 29<sup>th</sup>: tour 1 will take place between 12:00 AM and 01.00 PM and tour 2 in the afternoon between 02:00 and 03:00 PM. Participating exhibitors include Airtech, GUNNAR International, Agilent Technologies, RH Cutting Technology, Granta Design, DD Compound and Armacell Benelux. The lecture is in English. Participation is free, but the number of

participants is limited. Between the two round trips the participants have the opportunity to strengthen themselves at the "Wind Lunch" at the booth of Hexion (Hall 8a / booth G31).

Click here to register for the guided tours: [www.composites-europe.com/guided-tours](http://www.composites-europe.com/guided-tours)



### Lectures at COMPOSITES Forum

On the afternoon of the wind theme day the COMPOSITES Forum provides an overview of the latest challenges in research, design, quality management, transportation and production of rotor blades. Starting at 3:00 PM Sinoi will discuss "Challenges and approaches in the construction of large onshore blades". Euros will hold a lecture on "Potentials and limits of composites in rotor blade construction" and the Fraunhofer Institute for Wind Energy and Energy System Technology will be presenting "Composite trends for wind turbine blades". Pontis Engineering also has a slot in the lecture program. From 04.00 PM it will be about "Challenges in design and manufacturing of large wind turbine blades". Access to the lecture area is free of charge for visitors. The COMPOSITES Forum is located in Hall 8, Booth B45.

Click here for a complete overview on the topic wind:

[https://www.composites-europe.com/windenergie\\_527.html](https://www.composites-europe.com/windenergie_527.html)

### About COMPOSITES EUROPE:

350 exhibitors from 30 countries will attend the COMPOSITES EUROPE, European Trade Fair and Forum for Composite Materials, Technology and Applications from November 29<sup>th</sup> to December 1<sup>st</sup> in Dusseldorf. The exhibition shows the entire range of fiber-reinforced plastics, from raw materials to manufacturing processes, to lightweight construction innovations in automotive engineering, aviation, boat building, wind power



industry and construction. COMPOSITES EUROPE is organized by Reed Exhibitions in cooperation with the European sector association EuCIA and the economic association Composites Germany, a consortium of branch associations and clusters AVK, CCeV, CFK-Valley Stade and VDMA AG Hybrid Light Construction Technologies.

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