

Triblade gets top reviews from the EU

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Lund, Sweden – **Winfoor, today announces that Triblade gets top reviews from the EU.**

Winfoor and Marstrom has successfully completed a Triblade demonstration project that was funded by the Horizon 2020, the EU framework program. The consortium partners received a grant of €2.1 million in response to its proposal to the highly competitive SME Instrument Phase 2 funding program (6% success rate). In the project, a 22m diameter Triblade rotor has been built and tested under real conditions on a wind turbine and with very positive results. The project has paved the way for scaling up to full size and for preparing for market entry. The project was audited in detail by external experts appointed by the EU from which it received top reviews.

About Triblade

The top priority for the wind power industry is to reduce total cost of energy. One of the components that influence that cost the most are the wind turbine rotor blades. They use a lot of expensive material, they are to a large extent produced by hand, they are made in one piece, and they are long. Both production and shipping are challenging and come at high cost.

Winfoor has a solution. It is called Triblade and it is a disruptive technology for large scale wind turbine rotor blades. The unique technology is a 3-in-1-blade that lowers the costs for rotor blades dramatically. It makes shipping easy and efficient. Blades become lighter, they can be made in modules and the production process can be automated to a level that is not possible to reach with conventional blades. Looking ahead, Triblade can also spearhead the development of next generation larger and more powerful wind turbines, by allowing for longer blades than today.

It is a game changing technology that will lower the total Levelized Cost Of wind Energy (LCOE) and thereby making it more attractive as an energy source accelerate the transition to greater use of wind power worldwide.