



ZF Wind Power pioneers with SHIFT platform certification, further reducing time to market

- **ZF Wind Power receives, as the first gearbox supplier ever, a ‘type and component certificate’ for the SHIFT 4k product platform**
- **The certificate covers the certified design life, calculation and validation for the SHIFT 4k gearbox platform**
- **This platform certification enables customers to shorten ‘Time to Market’ for upgrades or new turbine introductions**

Lommel (Belgium). ZF Wind Power’s SHIFT 4k platform received a ‘type and component certificate’, provided by the international classification society DNV GL, for its complete platform range. In the past, every gearbox design had to go through a long administration process of calculation files, validation results and more. As of now, all SHIFT 4k designs are covered with the ‘type and component certificate’. Customers will profit from the certificate as it speeds up processes, thus saving time as well money and boosting productivity.

Benefit for the customer: shorter time to market

As time is valuable, this certificate from DNV GL will save costs for OEMs and turbine owners. In the past, the administrative process could take a few months and now, thanks to the platform’s certificate, the gearbox is ready to be installed, immediately. Consequently, turbines or upgrades can be installed faster and thus productivity will increase.

WE SHIFT in the design, the gearbox and the administration process

The launch of ZF Wind Power’s SHIFT platform in 2016 marked a shift in the wind market: The modular approach of the platform offers more flexibility in terms of gearbox development and next generation turbine concepts, consequently reducing customer’s Levelized Cost of Energy. To quickly anticipate the market’s needs, pre-developed and upgradable



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designs allow the customer to follow future market trends closely and speed up the process.

Having received the 'type and component certificate' by DNV GL, as the first gearbox supplier ever, ZF Wind Power is committed to implementing the platform philosophy across its entire product roadmap. "Our goal is to obtain this certificate for our other SHIFT platforms as well", explains Mitja Schulz, Head of ZF Wind Power. "We are convinced that this will help our customers to make a faster SHIFT towards the future."

Caption:

- 1) The launch of ZF Wind Power's SHIFT platform in 2016 marked a shift in the wind market. Now, the complete product family received a 'type and component certificate'.
- 2) The certification for ZF's SHIFT 4k platform enables customers to speed up processes, thus saving time as well money and boosting productivity.

Images: ZF, DNV

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ZF Friedrichshafen AG

ZF is a global technology company and supplies systems for passenger cars, commercial vehicles and industrial technology, enabling the next generation of mobility. With its comprehensive technology portfolio, the company offers integrated solutions for established vehicle manufacturers, mobility providers



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and start-up companies in the fields of transportation and mobility. ZF continually enhances its systems in the areas of digital connectivity and automation to allow vehicles to see, think and act.

In 2018, ZF achieved sales of €36.9 billion. The company has a global workforce of 149,000 with approximately 230 locations in 40 countries. ZF invests over six percent of its sales in research and development annually.

ZF Wind Power

With more than 120 GW of worldwide installed wind energy ZF Wind Power is a competent partner, supplying major manufacturers of gear-driven wind turbines with a gearbox output range up to 9.5 MW power capacity and serving all key wind power segments.

ZF is determined to be the leading designer, producer and supplier in geared solutions for onshore and offshore wind turbines and is committed to succeeding in making wind power the most attractive energy source in the future.

With state-of-the-art manufacturing plants and worldwide service locations, ZF Wind Power is dedicated to delivering advanced gearbox solutions and services on a global scale, meeting the individual needs of the global wind market.

Headquartered in Belgium, the company has a global footprint with manufacturing and service presence in Europe, China, India and the US.

As a continuous innovator, ZF anticipates the trend towards intelligent systems by enabling performance optimization of the overall wind turbine. ZF – Putting Wind Energy in Motion.

For further press information and photos, please visit: www.zf.com

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