



Envision and ZF announce strategic partnership

- **Envision Energy and ZF Wind Power will develop and supply gearbox solutions for next-generation offshore wind turbines**
- **Customers will benefit from even more reliable and high-quality gearbox solutions and a fast integration of modular designs in the customer roadmap**

Beijing (China). Envision Energy and ZF Wind Power have signed a strategic partnership agreement for the development and delivery of gearbox solutions for the next generation offshore wind turbines. With this partnership, both partners leverage their respective advantages in brand, technology and market, while jointly building high-reliable and cost competitive offshore wind turbines for the fast-growing wind market. Customers will benefit from more flexible and modular solutions, competitive lifecycle costs, high quality and reliable products and a fast integration in the customer roadmap.

The strategic partnership represents an important step forward for the well-established cooperation between Envision Energy and ZF Wind Power. "Operating under the principles of mutual development, integrity and shared interests, we believe that the combined strengths of both companies will create exciting new possibilities and opportunities while jointly promoting the development of offshore wind power," says Mitja Schulz, Head of ZF Wind Power.

As a result of its constant dedication to new technological innovations, ZF Wind Power built the modular SHIFT platform which is the first of its kind in the global wind turbine gearbox industry. Its innovative concept, flexible modular design and intelligent concept manifested ZF's position as a global leader in the development of next generation wind turbine gearbox technology.



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The agreement was signed in the presence of Mitja Schulz, Head of ZF Wind Power, Sun Weidong, Head of ZF Industrial Technology Division China, Xu Gang, Global VP of Envision Energy and Lu Wei, Global VP of Envision Energy. "This strategic partnership will bring significant benefit to our customers in terms of advanced technology, robust quality and superior lifecycle cost advantages," explains Xu Gang.

ZF Wind Power is a worldwide leading technology-driven manufacturer and pioneer in the global wind turbine gearbox industry, claiming more than 50 percent global share of 3.x MW onshore gearbox applications, more than 60 percent of 6.x MW offshore gearbox applications. ZF also delivered the world's first offshore 9.5 MW wind turbine gearbox and has the largest global installed capacity of 8 MW offshore wind turbine gearboxes. Since it entered the wind power industry in 1979, ZF Wind Power has delivered more than 65,000 gearboxes, powering as much as 120 GW wind turbines, covering approximately 25 percent of the total installed capacity of geared-driven wind turbines worldwide.

Captions:

- 1) Mitja Schulz, Head of ZF Wind Power, and Xu Gang, Global VP of Envision Energy
- 2) From left: Sun Weidong, Head of ZF Industrial Technology Division China, Mitja Schulz, Head of ZF Wind Power, Xu Gang and Lu Wei, both Global VP of Envision Energy
- 3) Strategic partnership between ZF and Envision

Pictures: ZF

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Envision Energy

As a worldwide digital energy technology leader, Envision Energy is managing over 100GW renewable energy asset. It is a global leading manufacturer of smart wind turbines, ranking the second in China and the fifth in the world. Headquartered in Shanghai, Envision Energy has regional offices across Asia, Europe, North and South Americas and has established nine global R&D centers in Singapore, Denmark, Germany, Japan, the United Kingdom and the United States etc. Actively embracing the One Belt One Road strategy and exposing itself to the megatrend of offshore wind power, Envision Energy has set up a strategy of going overseas and offshore.

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 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.

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