

5<sup>th</sup> December 2014

## **Suzlon's arm Servion SE has erected the 6.2 M152 Prototype: Largest rotor diameter in the Product Range**

- **Servion SE erected the prototype of 6.2M152**
- **Servion 6.2M152 has the largest rotor diameter in the Product Range with a diameter of 152 meters**
- **Rated power of 6.15 megawatts, the 6.2M152 can supply~ 4,000 homes with electricity**
- **Commissioning is scheduled to be completed by the end of 2014**

5<sup>th</sup> December Hamburg/Pune: Servion SE, a wholly-owned subsidiary of Suzlon, the world's fifth largest\* manufacturer of wind turbines, erected the prototype of the Servion 6.2M152 with the largest rotor diameter in the product range on 3<sup>rd</sup> December 2014. The project is a first for the company in two respects: blades of this size have never been developed, built, transported and assembled, and such a large rotor star has never been pulled and assembled. With a diameter of 152 metres, the swept area is larger than three football pitches.

**Tulsi R. Tanti, Chairman of the Suzlon Group and of the Servion Supervisory Board said:** "The prototype of Servion 6.2M152 is based on the highly reliable 6.2M126 WTG and takes us one more step towards reducing cost of energy with highest reliability and quality. The large rotor diameter when compared to erstwhile Servion 6.2M126 (126 metres) will result in higher energy yields by upto 20 percent at wind speeds of 9.5 m/s. With this turbine, we will further capitalise our strong position in the offshore wind-energy market .

Additionally, also in India Suzlon is conducting a techno-commercial feasibility study for offshore wind power project in Gujarat. This would be country's first ever offshore project."

With a rated power of 6.15 megawatts, the 6.2M152 can supply around 4,000 homes with electricity. The nacelle alone is as big as two detached houses and will be constructed offshore at a hub height of between 97 and 100 metres.

The Hamburg-based company has already sold the prototype of the Servion 6.2M152. In conjunction with the customer EWE ERNEUERBARE ENERGIEN GmbH, commissioning is scheduled to be completed by the end of 2014. The Servion 6.2M152 could enter serial production in 2015. With its

6.2M126, the company already manufactures the largest commercial turbine for offshore projects. Since introducing its multi-megawatt offshore turbines ten years ago, Senvion has already installed more than 130 turbines of this platform offshore.

**About Senvion:**

Senvion SE, a wholly owned subsidiary of the Suzlon Group, is one of the world's leading manufacturers of onshore and offshore wind turbines. The international mechanical engineering company develops produces and markets wind turbines for almost any location – with rated outputs of 1.8 MW to 6.15 MW and rotor diameters of 82 metres to 152 metres. Furthermore, the company offers its customers project specific solutions in the areas of turnkey, service and maintenance, transport and installation, as well as foundation planning and construction. The profitable and reliable systems are designed at the Senvion TechCenter in Osterrönfeld and manufactured at its plants in Husum (North Friesland), Trampe (Brandenburg) and Bremerhaven, as well as Portugal, Canada and India. With more than 3,400 employees worldwide, the company - headquartered in Hamburg - makes use of the experience gained from the manufacture and installation of more than 5,600 wind turbines around the world. Senvion is represented by distribution partners, subsidiaries and participations in European markets such as France, Belgium, the Netherlands, the UK, Italy, Portugal, Sweden, Romania and Poland as well as on a global level in the USA, China, Australia and Canada. Visit us at [www.senvion.com](http://www.senvion.com)

**About Suzlon Group:**

The Suzlon Group is ranked as the world's fifth largest\* wind turbine manufacturer, in terms of annual installed capacity and market share in 2013. The company's global spread extends across Asia, Australia, Europe, Africa and North and South America with 25,487 MW of wind energy capacity installed, operations across over 31 countries and a workforce of over 10,000. The Group offers one of the most comprehensive product portfolios – ranging from submegawatt onshore turbines at 600 Kilowatts (kW), to the world's largest commercially-available offshore turbine at 6.15 MW – with a vertically integrated, low-cost, manufacturing base. The Group – headquartered at Suzlon One Earth in Pune, India – comprises Suzlon Energy Limited and its subsidiaries, including Senvion SE. Visit us at [www.suzlon.com](http://www.suzlon.com).

Source: \*MAKE Report: Global Wind Turbine OEM 2013 Market Share

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