



**For immediate publication**

**Press Release**

## **CG's innovative technology to power 280,000 households in Germany**

- **To provide turnkey solutions to Veja Mate wind farm**
- **Design, deliver and install HV offshore substation**
- **Reduce CO<sub>2</sub> emissions by over 570,000 tons per year**

**Mumbai, May 18, 2015:** Avantha Group Company CG, along with other consortium partners Cofely Fabricom and Iemants, has been awarded the contract for the turnkey supply and installation of HV offshore substation for the 400 MW Veja Mate Offshore Project GmbH. The scope of work for CG includes the electrical engineering, grid compliance studies, HV/MV equipment supply, installation and commissioning. The equipment will be installed at the 400 MW offshore substation for the Veja Mate wind farm located over 100 kilometers off the German coast in the North Sea. The project will be brought online before the end of 2017.

The 400 MW Veja Mate wind farm comprises of 67 wind turbines (6MW) and will be connected to the German high voltage grid via the BorWin2 converter platform. Veja Mate will produce enough electricity for over 280,000 households and reduce CO<sub>2</sub> emissions by over 570,000 tons per year.

This project adds to the growing list of 12 offshore substations utilising CG high voltage AC (alternating current) solutions, with a total offshore wind generation capacity of nearly 3500 MW power. The accumulated contract value on these offshore wind high voltage transmission scope projects, including Veja Mate represents, approximately 200 Mio Euro.

Offshore wind is a major component of Europe's target to harness 20 percent of its energy from renewable sources. Currently, 12 projects are under progress and once completed, they will increase the installed capacity by around 3 GW, bringing the cumulative capacity in Europe to nearly 11 GW (Source: [EWEA 2014 report](#)).

CG was chosen on account of its vast experience and successful track record in providing HV/MV solutions to the offshore industry. CG's connecting technology and products have been chosen for their high reliability, high performance and cost effectiveness. The company's proven technology and expertise is already being used in other platforms in the North Sea such as Belwind, Northwind, Luchterduinen, Gemini, Butendiek, Amrumbank and others.

Commenting on the order, **Avantha Group Company CG's CEO and Managing Director Laurent Demortier** said: "We are delighted that our experienced and dedicated offshore team has been selected by Veja Mate for their offshore wind farm. CG is a market leader in the offshore wind farm transformer segment and our whole range of offerings in the renewable energy sector is being increasingly recognised in the industry. The project is in line with our renewable energy strategy. It provides yet another opportunity to utilise CG's unique technology and expertise in wind offshore connection (HVAC) and to assist the German Government in further reducing carbon emissions and increasing the supply of green energy".

#### **About CG**

*Avantha Group Company CG is a global pioneering leader in the management and application of electrical energy. With more than 15,000 employees across its operations in around 85 countries, CG provides electrical products, systems and services for utilities, power generation, industries, and consumers. The company is organised into four business groups: Power, Industrial, Automation, and Consumer.*

*For more information on CG, please visit: [www.cgglobal.com](http://www.cgglobal.com)*

#### **About Avantha**

*The Avantha Group's entities in diversified sectors include Crompton Greaves (power transmission and distribution equipment and services), BILT (paper and pulp), The Global Green Company Limited (food processing), Biltech Building Elements Limited (infrastructure), Avantha Power (energy), Avantha Business Solutions Limited (IT and ITES), Jg Glass (glass containers).*

*With a global footprint, the Group operates in 90 countries with more than 25,000 employees worldwide.*

*For more information on Avantha, please visit: [www.avanthagroup.com](http://www.avanthagroup.com)*

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