

Major offshore order for AMBAU

Nordsee One GmbH of Hamburg orders AMBAU GmbH to design and produce 54 monopiles and transition pieces for „Nordsee One“-project

Bremen: Starting in June 2015, 54 monopiles and transition pieces for the “Nordsee One”-project will be produced in the AMBAU facilities in Bremen and Cuxhaven on behalf of Nordsee One GmbH.

These 54 foundations consist of a total mass of approximately 50.000 to of steel. The monopiles and transition pieces will be screwed together and will be equipped with an innovative sealing system that has been jointly invented and successfully tested with engineers of RWE Innogy and AMBAU in AMBAU’s facility in Bremen.

In October 2014, AMBAU has already started with the “Detailed Design” of the foundations and is about to be certified. “Delivering an optimized and certifiable design of the foundations additionally to the production itself is a challenging and technically demanding task for AMBAU”, describes Rainer Wirth, Head of Engineering of AMBAU the engineering process.

The foundations will be installed approximately 40 kilometers north of Juist Island in German territorial waters. Once operational, “Nordsee One” with its 54 wind mills is expected to generate over 1.200 gigawatt

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AMBAU GmbH operates five manufacturing sites and employs a workforce of over 750. The AMBAU corporate comprises AMBAU GmbH, the subsidiary AMBAU Windservice GmbH and the sister company AMBAU Personalservice GmbH.

The product portfolio of AMBAU GmbH ranges from towers for onshore wind energy units to large offshore towers for 5-megawatt-plus units.

In addition, the range also comprises offshore foundations such as monopiles, transition pieces, tripods, jackets, tube components and secondary steel.

The significance of renewable energies is set to continue to grow. AMBAU GmbH is ideally placed for this growth, with five efficiently-interlinked plants in Bremen, Gräfenhainichen, Am Mellensee, Dessau and Cuxhaven and a correspondingly high manufacturing capacity.

Press Information

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hours of electricity per year, enough to meet the needs of approximately 400.000 German households.

Nordsee One GmbH is a joint undertaking of Northland Power Inc. / Canada and RWE Innogy GmbH / Germany. RWE Innogy plans, builds and operates facilities generating power from renewable energies to strongly enhance the development of renewable energies. Additional information as link: www.rwe.com.

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AMBAU GmbH
Growth with energy

Picture Caption

AMBAU delivers 54 monopiles and transition pieces for wind farm "Nordsee One"