

Sif provides monopiles for Two Towers innovation site Borssele V

Roermond, The Netherlands - 20 May 2019. Sif Holding n.v. will manufacture two monopiles for the Two Towers Borssele V innovation site. A number of innovations will be applied in the project such as a slip joint connection, seabed protection and a full aluminum sprayed coating.

One of the monopiles will have a slip joint connection. The slip joint connection is the connection between the monopile foundation and the transition piece that connects the foundation and the tower. This has traditionally been a flanged or a grouted connection.

In contrast, one foundation will be equipped with conical-shaped end pieces of the monopile and transition piece, which are stacked like coffee cups in a cupboard. This connection will save installation time offshore. While this technique has been applied successfully onshore, it was only used in offshore projects on a test basis.

The coating for the other monopile will be aluminium sprayed for a major part of the surface with a view to avoiding corrosion combined with minimizing the required maintenance activities.

Fred van Beers: "Sif considers it important to be part of innovations such as the ones being applied by our client Two Towers at Borssele V. These innovations are aimed at either saving costs on the manufacturing of the products and/or the installation and its maintenance at sea or at ensuring an improvement of the environmental impact on sea life. The offshore wind industry is still young and innovations such as these help to further decrease the levelized costs of energy from offshore wind."

Two Towers is the consortium for the Borssele V project that comprises Van Oord, Investri Offshore and Green Giraffe. Grid connection is scheduled for 2021.

About Sif Holding N.V.

Sif is a leading manufacturer of large steel tubulars, which are used as foundation components for the offshore wind and offshore oil & gas markets. The Company manufactures customised tubular components for offshore foundations, predominantly in the greater North Sea region. Sif combines a highly automated and flexible production facility with technology leadership in rolling and welding of heavy steel plates, which is based on over 65 years of experience and innovative in-house developed techniques and processes. Sif primarily produces monopiles, transition pieces and piles that are used to anchor jacket foundations in the seabed for offshore wind turbines, as well as legs, pile sleeves and piles of the larger jackets for oil & gas as well as tubular structures for various uses such as jetties.

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