SIMPLE RECEIVED APPROVAL FROM THE DUTCH RVO BY PROVIDING A SUBSIDY OF €733,000 FOR THE DEVELOPMENT OF THE VIBRO-DRILL

The market for offshore wind energy is looking for opportunities every day for larger, more efficient installations. This development leads to an increasing impact on marine life. With the SIMPLE project, GBM Works aims to introduce a method that installs piles more quietly, quickly and efficiently without compromising on load capacity.

GBM Works aims to demonstrate with its partners, including Deltares and Delft University of Technology, that piles can sink to the desired depth under their own weight under the influence of reducing the friction force along the walls and at the bottom, for example by applying vibrations at the bottom of the piles.

The vibrations are applied where they are most needed, i.e. where the resistance of the soil is highest, resulting in a more efficient operation. As a result, GBM Works is convinced that this method will also prove to be very suitable for further scale expansion of the wind turbines in the future.

SIMPLE received approval from the Dutch RVO by providing a subsidy of €733,000 for the development of the Vibro-drill, starting with the design of a scale model for carrying out tests on 3 different levels, the last of which will take place on the Maasvlakte in the summer of 2020.

GBM Works is a start up that stems from the graduation of Ben Arntz from the Offshore Technology Faculty of Delft University of Technology. As shareholders, the founder and the University have been able to secure the knowledge and experience of Govert Meijer, with whom Ben forms the board of directors. For the project GBM Works has joined Sanne Blok and Leonard van der Bijl, both of whom recently graduated in relevant subjects.

GBM Works will introduce its Vibro-drill concept on 27 November 14.30h during the upcoming WindEurope Offshore conference in Copenhagen from 26 to 28 November. You can find GBM Works in the Innovation Park of the exhibition (https://windeurope.org/offshore2019/conference/innovation-park/).