

PRESS RELEASE

START OF NEWS ITEM

Date for publication: 02-05-2023

CAPE Vibro Lifting Technology Selected for Moray West Monopile Installation

Beilen, The Netherlands - CAPE Holland, a leading supplier of innovative foundation installation equipment for the offshore industry, announced today that its innovative Vibro Lifting Technology has been selected for the Moray West offshore wind farm project. The project is being developed by Ocean Winds, a 50:50 joint venture between EDP Renewables and Engie.

CAPE Holland's technology combines certified upending, lifting and vibro driving to optimize the installation of foundation piles for offshore wind turbines. The Moray West project, located in the North Sea, off the coast of Scotland, will utilise the CAPE Vibro Lifting Technology to install up to 62 monopiles to stable depth, in water depths ranging from 22 to 57 meters. This quiet installation technology is mainly used on this project to mitigate the risk of pile run which is an ever increasing risk with the increase in size of the monopiles.

"We are thrilled to be working on such an important project with our Vibro Lifting Technology," said Dick van Wijngaarden, Business Development Manager of CAPE Holland. "Our technology has been specifically designed to optimise the installation process for offshore wind monopile foundations, and we are confident that it will provide significant benefits to the Moray West project."

The CAPE Vibro Lifting Technology is a unique solution that combines a vibro hammer with a certified lifting tool. This allows for the monopile to be lifted and installed vertically, without the need for additional equipment to support the pile, reducing the risk of damage to the monopile. The technology has been successfully used on a number of offshore wind projects, including the Formosa OWF in Taiwan and the Kaskasi OWF in Germany.

"We are excited to be partnering with CAPE Holland for the Moray West project," said Peter Geddes, EPC Director at Ocean Winds. "Their technology offers an innovative solution to the risk of pile run and will simplify the installation process as an added bonus."

The Moray West project is expected to have a total capacity of 882MW, providing enough electricity to power over 1.3 million homes and is set to start generating in 2024.

END OF NEWS ITEMS

Available visual materials: [download here](#)