

## **LiDAR installed on Kupe platform providing vital data to offshore wind industry**

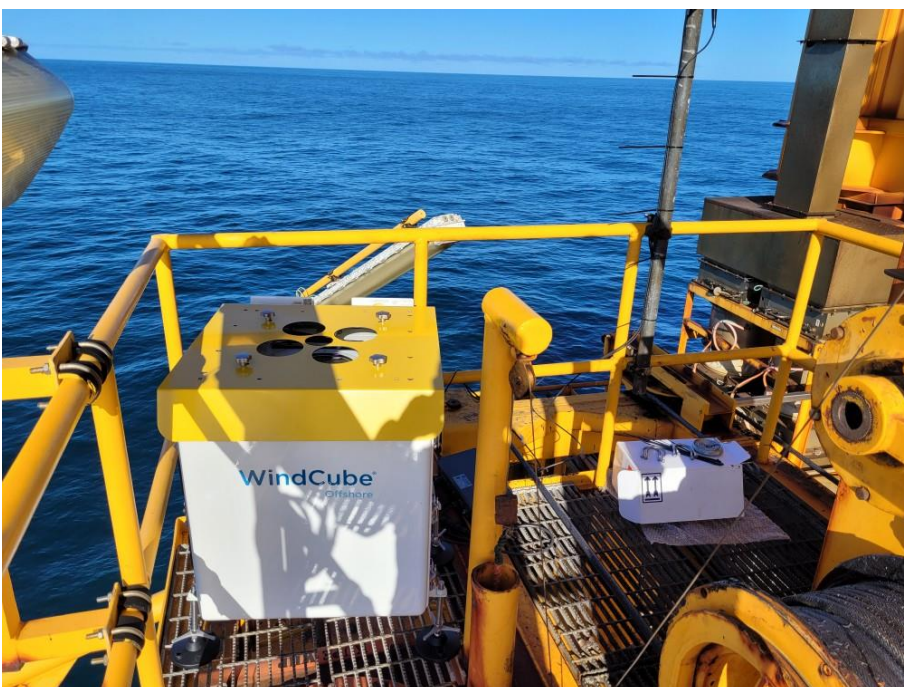
June 29, 2023

Congratulations to our friends at Beach Energy Ltd and their Kupe JV partners Genesis and NZ Oil & Gas who successfully installed a LiDAR on their Kupe platform 30 kilometres off the South Taranaki coast earlier this month.

For the uninitiated a LiDAR (Light Detection and Ranging system) measures a number of key data points such as wind speed, direction and consistency and is located in an area of ocean in close proximity to where BlueFloat Energy New Zealand and Elemental Group Limited are considering locating a 900 MW offshore wind farm capable of powering up to 430,000 homes.

The Vaisala Wind Cube LiDAR (pictured below in position on the eastern side of the Kupe Well Head Platform) has been commissioned by Beach Energy Ltd Energy and supported by BlueFloat Energy New Zealand & Elemental Group Limited along with offshore wind developers Taranaki Offshore Partnership and WindQuarry Zealandia.

BlueFloat Energy New Zealand & Elemental Group Limited are keen to continue working alongside other offshore wind developers, energy providers and supply chain participants to create an offshore wind industry in Aotearoa sooner rather than later. Sharing critical data from the LiDAR saves duplication, time and cost and will help developers to make offshore wind a reality enabling a new source of renewable energy for our homes and businesses and providing enduring jobs and benefits for our local communities.



*Kupe LiDAR*