

Combined WEC/WTG floating foundations

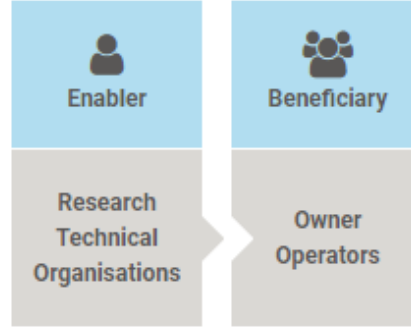
Type of Entry: Innovation Area

<https://offshorewindinnovationhub.com/category/substructures/>

Substructures > Design > Integration of design

Description

Multiple integrated wave and wind energy devices have been proposed. These are an amalgamation of the two technologies that have not been fully-commercialised yet. Floating Power Plant is talking about a 5-8 MW wind turbine and 2-3.6 MW wave power device. An Additional advantage of having a wave device is that the energy can be taken out of waves hence significantly increasing the accessibility (no or very small waves behind the device). With only one prototype installed, multiple engineering challenges are still to be solved.



Strategic Outcome

- Enabling disruptive innovation
- Commercialising >15MW turbine platforms
- Maximising operational performance of existing wind farms

