

Disruptive installation techniques

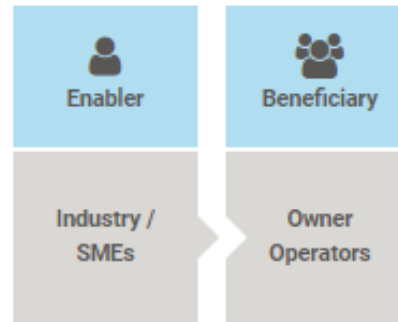
<https://offshorewindinnovationhub.com/category/operations-maintenance/>

Type of Entry: Innovation Area

O&M and Windfarm Lifecycle > Installation > Logistics and novel technology

Description

Novel installation techniques for cables (duct or tunnel), turbines and substructures.



Strategic Outcome

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



Notes: There is some cable manufacturing in the UK, but unlikely if they will benefit if ducts open market to wider supply of less specialist/cheaper cables



Notes: Uncertain of how much overall cost this would reduce, cheaper cables could be used but how much extra cost does the ducting work add?



Notes: Further research will be required to determine whether this is actually a good idea or not, perhaps some funding for feasibility type work



Notes: Some potential to reduce work in hazardous environment.

Technology Readiness Level



Forecast start and finish

