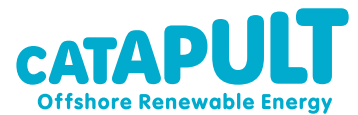
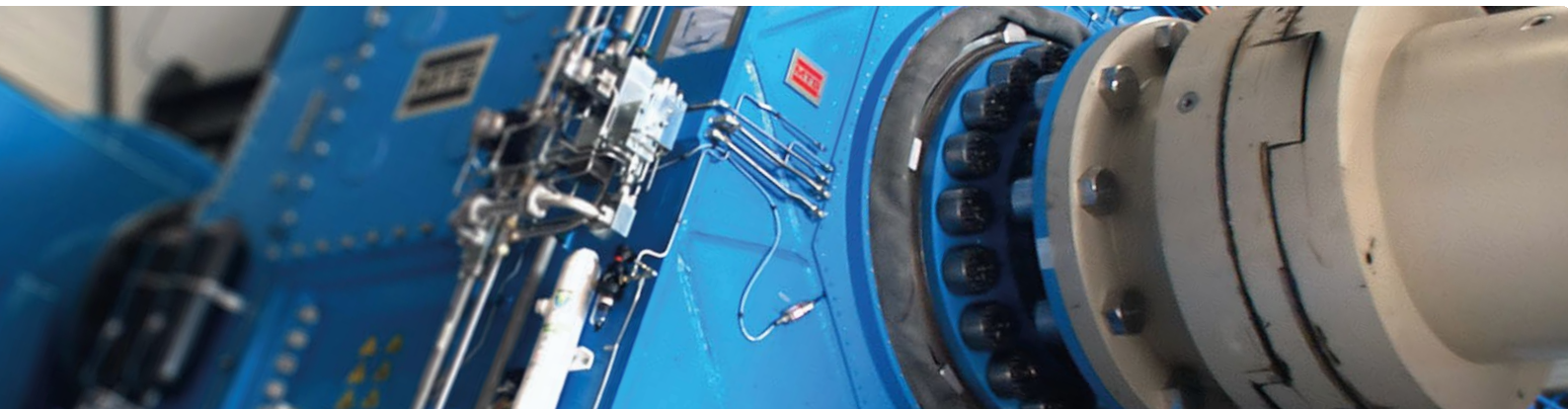


# SCORE2: SUPPLY CHAIN INNOVATION FOR OFFSHORE RENEWABLE ENERGY



## CASE STUDY



### SUPPORTING THE EAST OF ENGLAND SME SUPPLY CHAIN AND INNOVATION NEEDS IN OFFSHORE RENEWABLE ENERGY

ORE Catapult is a delivery partner in SCORE2, a project targeting SMEs that have the expertise and capability to support the offshore renewable energy supply chain; particularly new entrants. Providing innovation challenges, advisory and testing services, SCORE2 is set to assist 200 SMEs over the three year life of the project.

Facilitated through SCORE2, one particular success story has been ORE Catapult's test partnership with Essex-based SME, GreenSpur Renewables Ltd., to develop a new, award winning, Direct-Drive Permanent Magnet Generator (DD PMG) that does not rely on rare-earth magnets.

ORE Catapult helped GreenSpur obtain an initial funding call to scale up their pioneering generator into a small-scale 50kW test unit, as well as support the development of their pitch to secure £1.25m of grant funding from InnovateUK, which will be used to move the technology towards a fully-optimised 1MW unit.

When scaled up to multi-MW levels, the cost savings of a DD PMG could be even greater, and with the additional environmental and practical advantages of using ferrite magnets.

“ We see this as the start of a long and productive relationship with [ORE] Catapult and plan to test much larger units at the centre over the next 18 months ”

Andrew Hine, Co-Director, GreenSpur Renewables Ltd.



Supporting up to 200 English SMEs, with economic benefits being realised across the East coast of England.



Inward UK investment into offshore renewables, creating supply chain opportunities and economic benefit.



Test expertise supports the upscaling of SME innovation into fully optimised, market-ready products