

Innovate UK

Results of Competition: Energy Catalyst - Late Stage - Round 2

Competition Code: 1411_CRD2_ENE_GEN_ENCATLS2

Total available funding for this competition was £11.3M from Innovate UK and EPSRC

Note: These proposals have succeeded in the assessment stage of this competition. All are subject to grant offer and conditions being met.

Participant organisation names	Project title	Proposed project costs	Proposed project grant
Tidal Energy Ltd Cardiff University Swansea University	Tidal array cost reduction: Testing a removable nacelle design for DeltaStream Technology	£3,347,276	£1,623,967
Project description - provided by applicants			
Tidal Energy Limited (TEL), the UK technology company behind the DeltaStream tidal stream turbine and owner and operator of the Ramsey Sound test site in Pembrokeshire, is working with the Marine Energy Research Groups of both Cardiff and Swansea Universities to design, analyse, construct and test a new removable nacelle system. The project is aimed at significantly reducing the operation and maintenance costs associated with commercial tidal turbines, as well as identify operational limits and robust equipment to withstand the demanding physical characteristics of the marine environment. Success of the project will accelerate TEL's plans to implement arrays of DeltaStream turbines thereby helping to arrest climate change, ensure security of supply and help to develop the new tidal energy industry, creating thousands of new jobs in UK.			

Note: you can see all Innovate UK-funded projects here

<https://www.gov.uk/government/publications/innovate-uk-funded-projects> Use the Competition Code given above to search for this competition's results