

The Tidal Stream Industry Energiser Project, known as TIGER, is the biggest ever Interreg project, driving collaboration and cost reduction through tidal turbine installations at five sites across the UK and France.

The TIGER project will drive the growth of tidal stream energy to become a greater part of the energy mix, with significant benefits for coastal communities.



Project objectives

The TIGER project will demonstrate that tidal stream energy is a maturing industry, capable of achieving an accelerated cost reduction pathway. The project will position the Channel region at the heart of the sector by: addressing technology challenges; building the supply chain; switching on new sites; and installing new turbines.

The project aims to drive the growth of tidal stream energy by installing up to 8 MW of new tidal capacity at sites in and around the Channel region thus driving innovation and the development of new products and services.

Budget received from the
France (Channel) England Programme:

€32.8million

Project duration:

4 years

Total project budget:

€48.4million

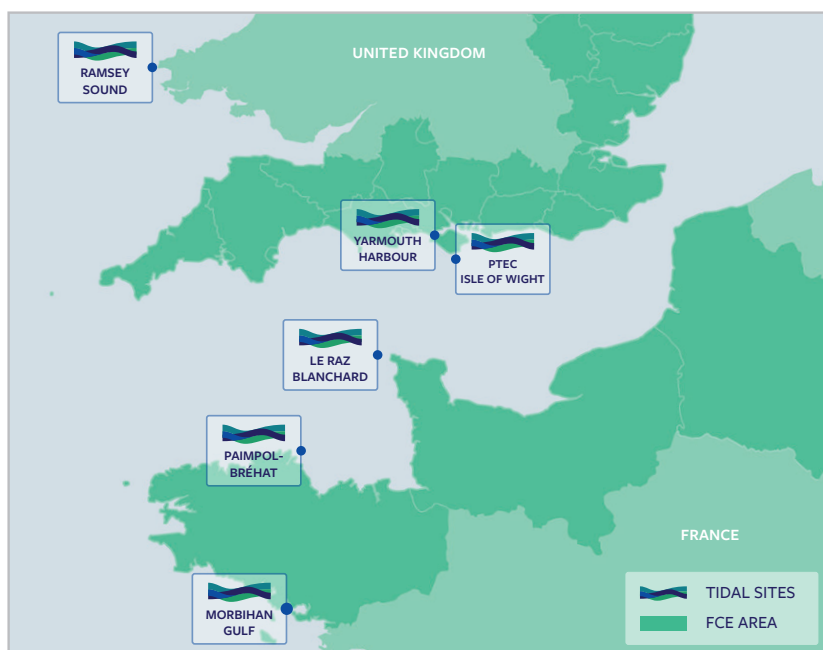
The project is funded by the FCE Programme under Programme priority 2.1- Low carbon technology.

Tidal demonstration sites

TIGER will support demonstrations at six tidal sites. Please see the table below for an overview, and the individual demonstration website pages for more information.

Project partners

Led by the UK's Offshore Renewable Energy Catapult. TIGER comprises of 18 partners from across the UK and France, spanning turbine developers, ocean energy demonstration sites, research organisations, as well local and regional authorities.



Site	Key partners	Location	Current status	Capacity to be installed	Technology to be installed	Timescale for deployment
Ramsey Sound	Cambrian Offshore SW	Pembrokeshire, UK	Recover turbine and install turbine	Up to 1MW	TBC	TBC
Yarmouth Harbour	QED Naval	Isle of Wight, UK	Site to be consented and turbines installed	up to 300kW	Community scale SubHub with 3x Tocardo T1 turbines	2022-23
Perpetuus Tidal Energy Centre	Orbital Marine Power, EMEC	Isle of Wight, UK	New site, now fully consented and being prepared for CfD AR5 in 2023.	up to 20MW	Orbital's O2 – 15MW TBC – 5MW	Deployment outside scope of TIGER
Le Raz Blanchard	Normandie Hydroliennes	Normandy, FR	Site consent variation in progress, FEED	12MW	TBC likely SIMEC AR2000 series variant	Deployment outside of scope of TIGER (2024-25)
	Hydroquest	Normandy, FR	Site consent variation in progress, FEED	17.5MW	Oceanquest next generation turbine	Deployment outside of scope of TIGER (2024-25)
Paimpol-Bréhat	EDF, SEENEHO, Hydroquest & EMEC	Brittany, FR	Deployed for testing and demonstration	1MW	Oceanquest 1MW	Device recovered in 2022
	EDF & SEENEHO	Brittany, FR	Test site to be repurposed	N/A	Multiple technology designs	2023-24
Morbihan Gulf	Morbihan Hydro Energies SAS	Brittany, FR	New site to be consented	500kW	Sabella turbines 2x Do8 250kW	2022

TIGER is actively supporting design and or enabling installation up to 61.9MW of tidal turbine capacity.

Resources

To view published reports, scientific publications, webinars and presentations, please see our resources section on the TIGER website.

Contact us

Please get in touch if you have any queries about the TIGER project – David.philipson@ore.catapult.org.uk

Tidal educational video



Visit Interregtiger.com to sign up to our newsletter to get the latest TIGER news and invitations to events.



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