

Sustainability & Falmouth Harbour Newsletter



This newsletter will touch on a few projects we are working on or are relevant to harbour users.

This newsletter will focus on the following:

- Disturbance
- Habitiles and Arc Marine Blocks
- Advanced Mooring System Trial report

Disturbance

It was amazing earlier last month to arrive into work and see [Common Dolphins](#) in the inner harbour. With them so close to vessels using the harbour we think it's good to highlight the great [best practice advice](#) about how you can make the experience as safe and low impact as possible.

If you're on the water and likely to come across wildlife then the excellent Wildlife Safe (WiSe) Scheme, the only accreditation for people to learn how to act safely around marine wildlife, has organised their next Standard (boat operator) and Adventure (coastal activity - kayak, etc) courses in March. Please [visit the website for more information and book on](#).

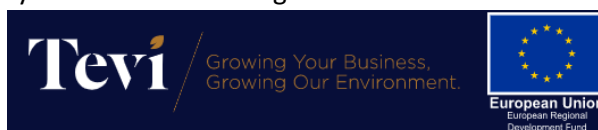


Advanced Mooring System Trial findings



The report on the Advanced Mooring System trial we have now completed at Flushing from July – November 2022 is [available here](#).

Thank you to Tevi for funding this trial.



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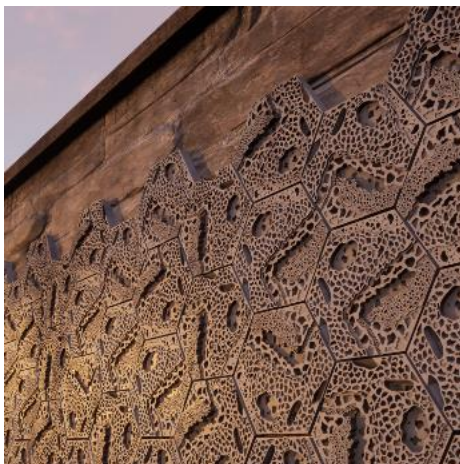
Habitiles and Arc Marine Blocks

We are currently developing an exciting new project in Falmouth Harbour, aimed at increasing marine biodiversity & community awareness of marine habitats. The project, which is being carried out in partnership with [Falmouth Town Council](#), Cornish environmental charity [Our Only World](#) and [Arc Marine](#) a British company providing environmentally friendly solutions to the marine industry, proposes the installation of 'Habitiles' along the east wall of Church Street car park and 'intertidal reef cubes' on the seabed in front of the wall.

Both the tiles and cubes are designed to provide niche habitats for a wide variety of intertidal marine species, helping to increase and maintain biodiversity in the harbour. The intertidal reef cubes also have the added bonus of dissipating wave energy, thereby helping to reduce erosion.

The idea is to place the tiles and cubes in an area of the harbour that experienced safety and antisocial behaviour issues last year, as a preventative measure. We are hoping to gain funding for this project and will be looking to work in partnership with local schools, colleges and universities to monitor the colonisation of these structures and provide opportunities to develop survey skills.

The tiles and cubes have been designed by Arc Marine (recently nominated for the prestigious Earth Shot prize) and are made out of concrete that has 91% reduced emissions when compared with Ordinary Portland Cement (OPC). They have also been certified to ensure they do not leach any toxic material into the environment and do not contain any plastics.



Arc Marine Habitiles



Arc Marine reef cubes (1m square)

The area where they are to be placed dries at low tide so the cubes and tiles will be visible at low tides.

We would like to know your thoughts on this proposed development so please do get in touch.

How you can get involved

We would like to understand your thoughts on the above information and also on the local Falmouth Harbour environment and how it can / should be sustainably managed. You [can contact Vicki](#) or give the office a call to discuss further.