

MARINE DIVE CENTRE



Client: Plymouth University

Contract Value: £795k

Services Provided:

- CHP System
- BMS Control
- Underfloor Heating
- Solar PV
- IT Infrastructure
- Lighting and Power Services
- Life, Safety, Security and Fire Systems
- Lightning Protection
- 316 Grade Stainless Steel LV Distribution
- Borehole Sea Water Extraction System
- LTHW Heating
- Domestic Services and Sanitaryware

Totus carried out the installation of the mechanical and electrical services for the redevelopment of Plymouth University's Marine Centre, creating a multi-use, flexible building providing unrivalled shore side facilities for diverse marine activities. Including contemporary classrooms, wet laboratory and adjacent aquaria with exterior holding tanks for scientific samples.

The building has been equipped with the latest in renewable and energy saving technologies including LED lighting, a CHP (central heating and power) generator and a 6.44kwp PV solar system. In addition, the building has a bespoke sea water extraction system which extracts water from a borehole on the quay providing fresh sea water for the building's aquarium and laboratories/teaching spaces via holding tanks.

The building is utilitarian in its appearance with all services exposed and exemplifies the quality expected from our installation teams, which was recognised in feedback from both the University and Main Contractor. John Bunker, Director of Operations for Balfour Beatty, thanked Totus for the skill and professionalism provided by our management and site team describing our installation as "first class quality, particularly the exposed services which truly are top drawer".

The project achieved a BREEAM rating of excellent.

Case Study