

Project 44 – Ocean Hackathon

Overview - The Wales Coastal Monitoring Centre (WCMC) participated in the Ocean Hackathon with the challenge of creating a tool called CoastTrack. During the 48-hour Ocean Hackathon event, the team successfully developed the CoastTrack prototype and presented its utility and value. This accomplishment earned them a spot in the Grand Finale held in Brest, France, where they pitched their project alongside 13 other winning teams.

Aims - To create an image rectification and classification tool, CoastTrack, that can be used to process CoastSnap submissions and describe temporal trends in sand height against fixed structures.

Who - Ocean Hackathon®, Plymouth University, Plymouth Sound NMP, The Arts Institute Plymouth, Chloe Nunn, Sam Rose, Chris Jenner and WCMC's Will Russell.

Results - Following the event, the team now aims to transform the prototype into a fully functional tool, accompanied by the publication of a research paper detailing their work.

