

Sea Change

Sustainable energy and air quality improvements for coastal harbours to achieve net-zero with grid enhancements.

The Sea Change project will **design, build** and **operate** a new shore power system at Portsmouth International Port.

This will allow **hybrid** ferries, arriving in 2025, to utilise shore power alongside, supplied by a **green energy tariff**.

Our consortium is made up of Portsmouth International Port, Brittany Ferries, Swanbarton, IOTICS, B4T, UoP and MSE International.

The system will allow for **simultaneous** powering of multiple vessels with different:

- AC frequencies
- voltages
- ship-shore connectors

