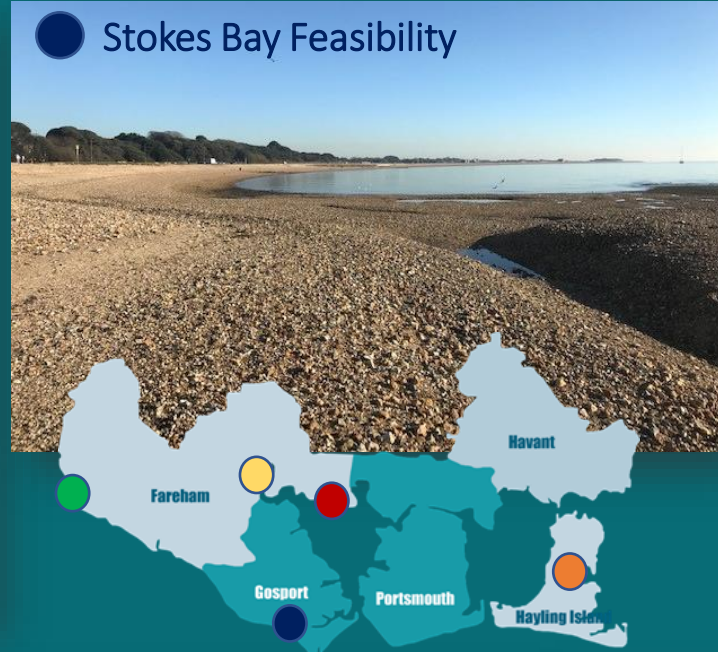


Strategy & Feasibility Studies

● Hayling Island Coastal Management Strategy



● Stokes Bay Feasibility



● Fareham Quay Feasibility



● Hook lake Habitat Creation



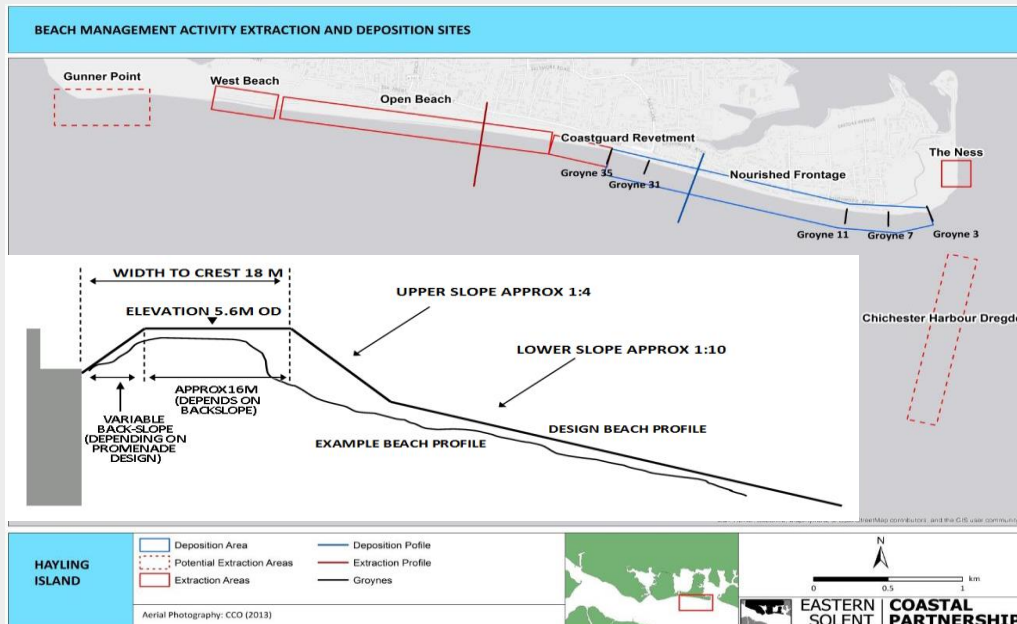
● Alton Grove to Cadour Drive, Fareham Feasibility



Beach Management Plans

Eastoke, Hayling 2024+ re-write

- Beach currently designed to provide a 1 in 200 year SoP for UNIMODAL wave conditions
- Investigating beach widths required for 1 in 200 year BIMODAL wave conditions
- Awaiting recommendations from Hayling Strategy.



FCERM Env. Improvement



Wildflower Meadows



Rockpools & Vertipools



National
Pollinator
Strategy



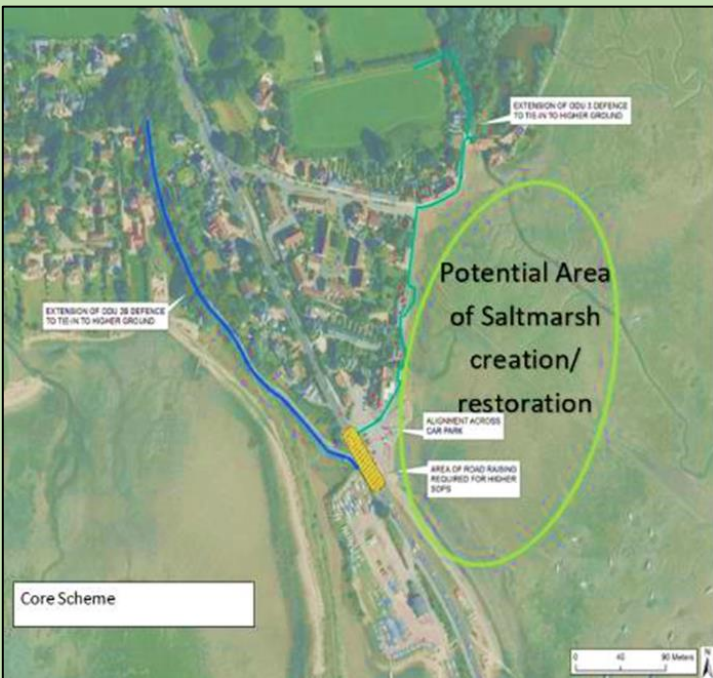
Saltmarsh Translocation



Regional Habitat Compensation



Habitat restoration



Langstone
Saltmarsh
Feasibility
Study



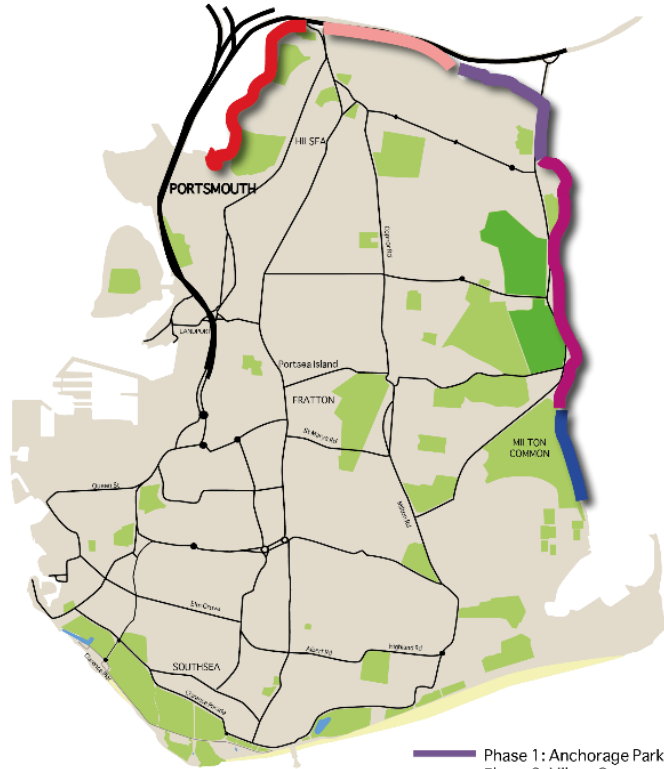
North Portsea Island Coastal Defence Scheme



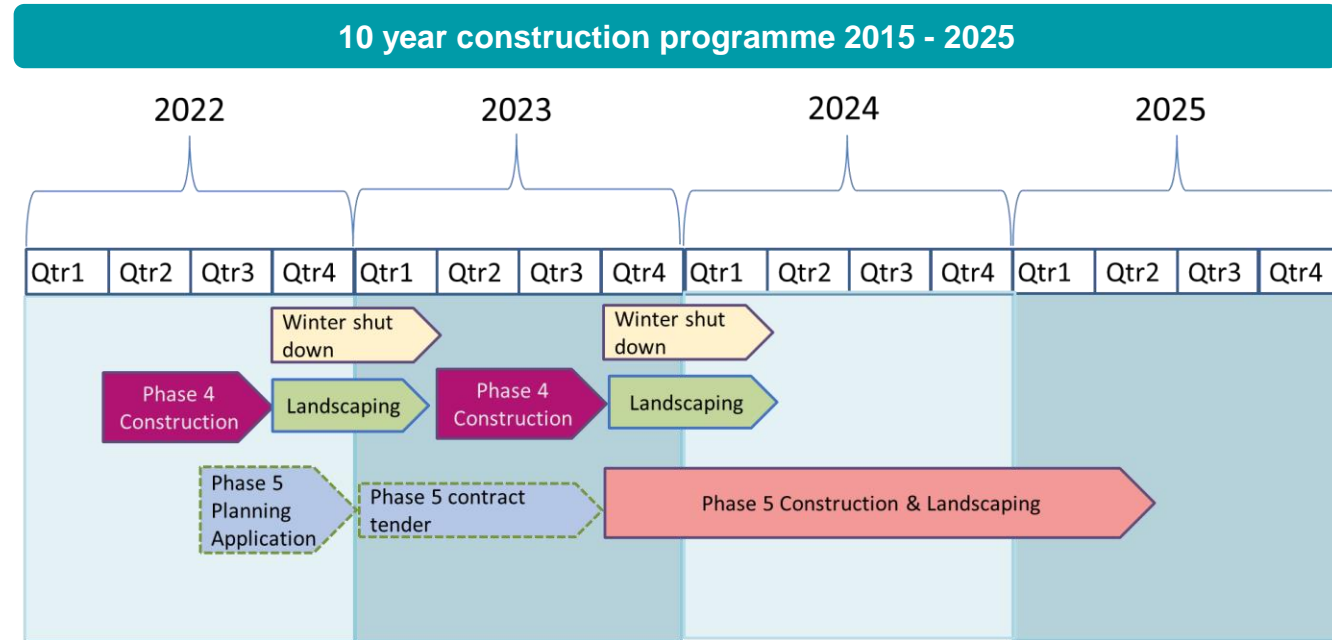
Portsmouth
CITY COUNCIL



Coastal Partners



- Phase 1: Anchorage Park
- Phase 2: Milton Common
- Phase 3: Tipner Lake
- Phase 4: Eastern Road
- Phase 5: Ports Creek



The UK's only island city

Environmental Designations: SPA, SAC, Ramsar, SSSI

North Portsea Coastline 8.4km

Sole railway for Portsmouth benefiting from the scheme

Most densely populated city in UK outside London

Portsmouth and Langstone Harbours, both important locally, nationally and internationally

15 Schools benefiting from the scheme

Over 4000 residents benefiting from the scheme

Benefits of the scheme

Over 4000 residential properties and 500 businesses benefitting from the 1 in 500 SOP

- Wider benefits:
- Improved access to the coast for all to enjoy
 - Improved social realm
 - Delivering Biodiversity Net Gain through environmental enhancements (eco-engineering, salt marsh creation, tidal pools etc)



A selection of photos showing benefits of completed Phase 3 (2019), and the first completed section of Phase 4 (ongoing)



An Award-Winning Project!



Portsmouth
CITY COUNCIL



Coastal Partners

The North Portsea Island Coastal Defence Scheme won the category of '**Coastal Management**' at the Flood and Coast Excellence Awards 2022 for the innovative wall texturing to enable habitat to colonise the wall.



The North Portsea Island Coastal Defence Scheme have been shortlisted for the **British Construction Industries Award 2022** in the **Environment and Sustainability Initiative of the Year** category for the use of the eco-formliner to create habitat on the wall.

The background is a dark blue gradient. It features several decorative wavy lines in teal and yellow. On the left, there are two large teal wavy lines. On the right, there are three yellow wavy lines at the top and three teal wavy lines at the bottom. The word 'southsea' is written in a large, white, lowercase sans-serif font, with the 'h' being significantly taller than the other letters.

southsea

COASTAL SCHEME

SCOPAC: Scheme Overview

15/06/2022

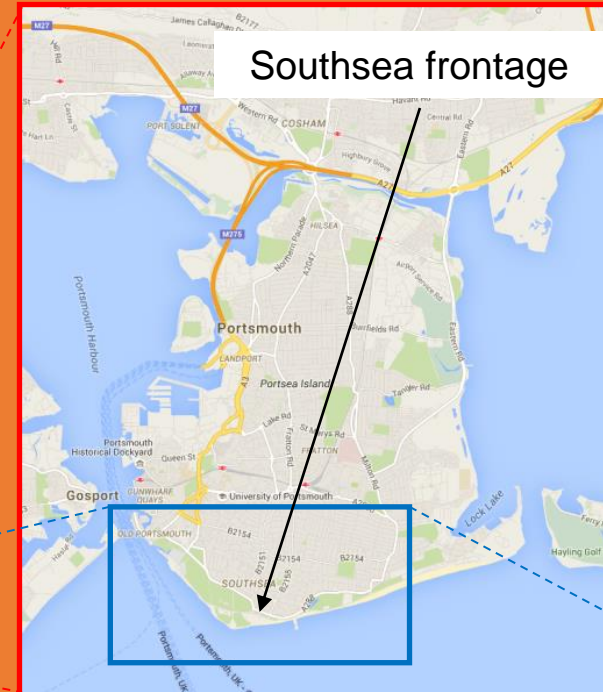


The UK's only island city

Most densely populated city in UK outside London

Southsea frontage 4.5km of open coastline

Important tourist destination and economic hub



Southsea frontage

Heritage Assets: Scheduled Ancient Monuments, Registered Parks & Gardens and Listed Buildings

Adjacent to Bathing and Shellfish Waters

In vicinity of Internationally designated environmental sites



Present day risk of flooding



- **10,119** residential properties affected
- **4,114** properties at risk of inundation
- **16** properties at risk from erosion
- **704** commercial properties
- **74** listed structures
- **3** scheduled ancient monuments
- **4** critical access routes

Urgency

Existing low standard of protection
(1:20 year)



Existing asset at the end of their life
(less than 10 years residual life)



Frontages and phasing

2020-2022



F1 - Long Curtain Moat

2022-2024



F4 - Southsea Castle

2024-2025



F3 - Southsea Common

2025-2026



F5 - Pyramids to Pier

2025-2026



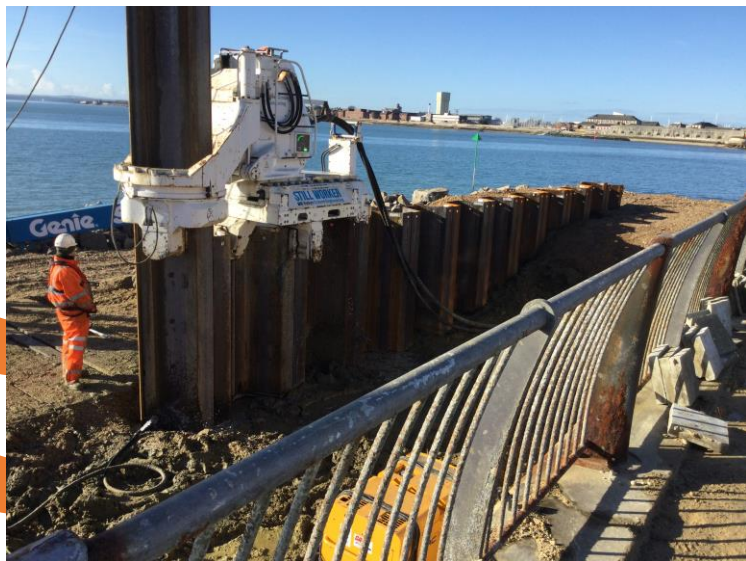
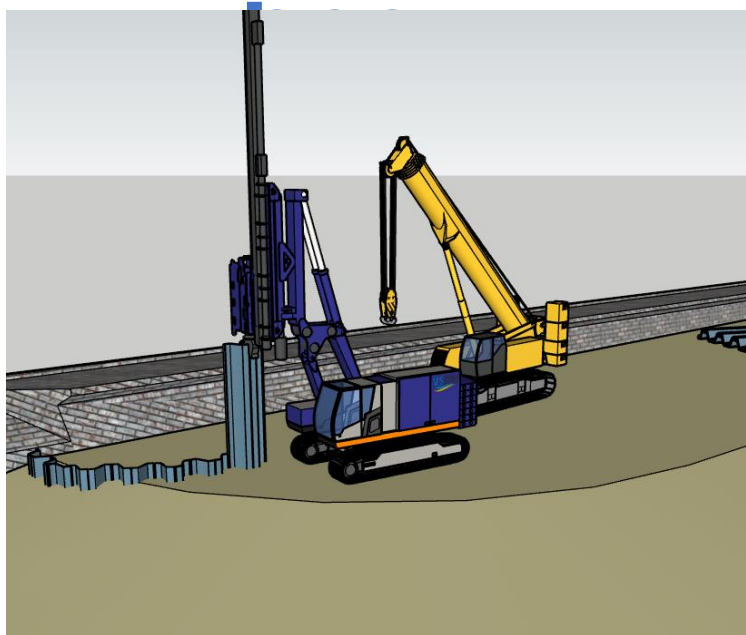
F6 - Canoe Lake

2026-2027

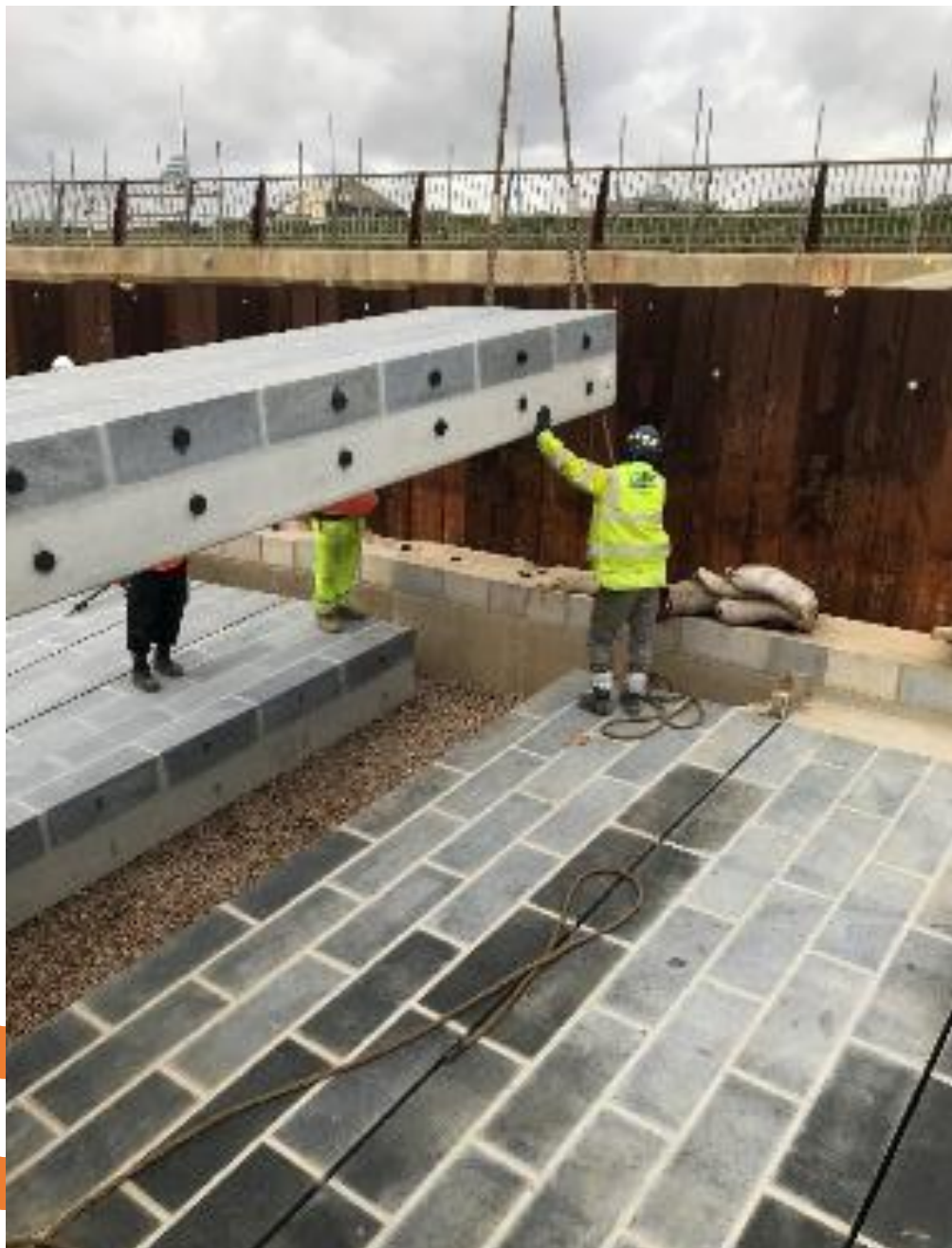


F2 - Clarence Pier

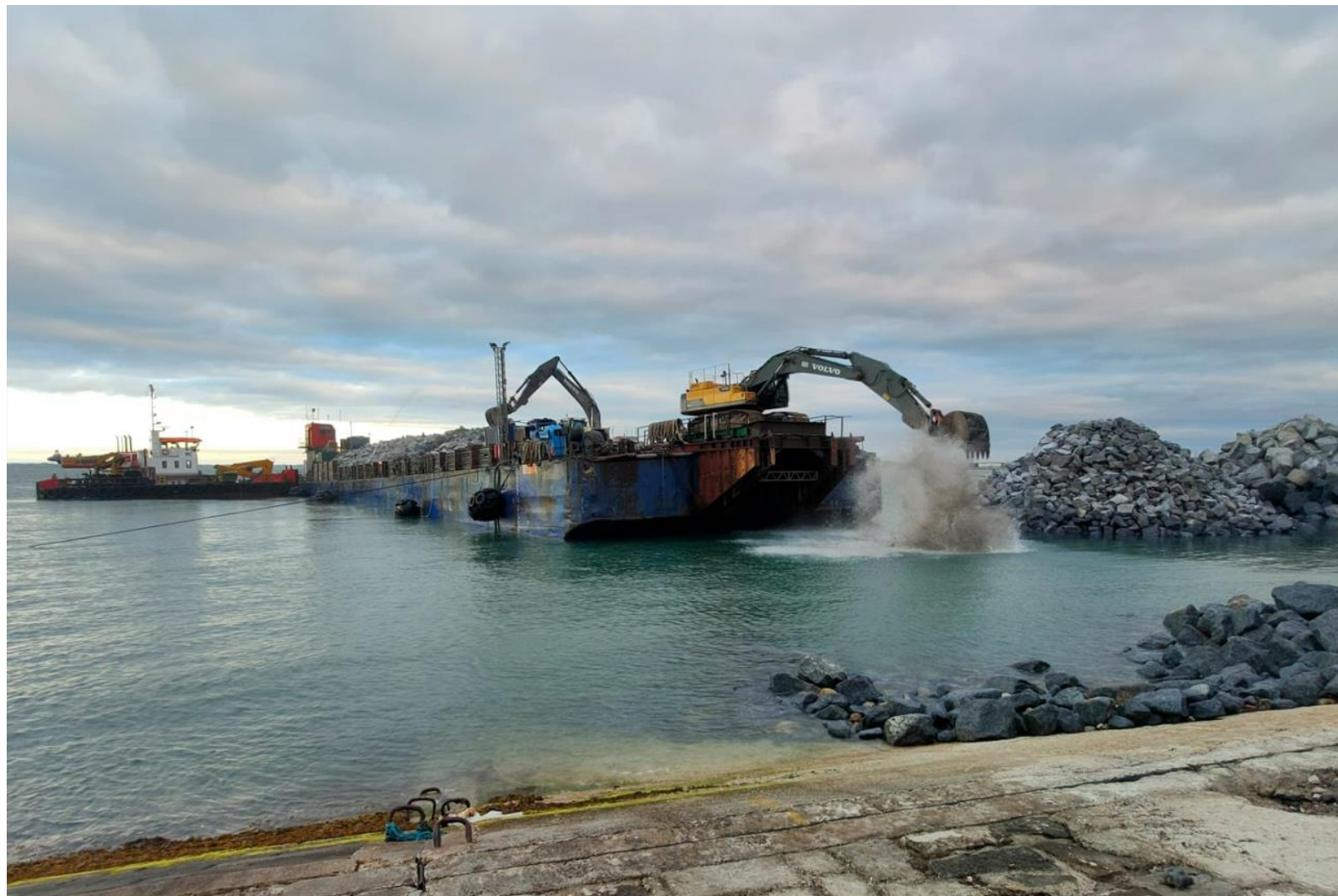




SF1: Steel Sheet Piling – Western side



SF1: Wall and Apron units going in







SF4: Rock placing from the Drone

Support Slides

Working with partners



“Our vision for Chichester Harbour in 2050, is a harbour that is **functioning naturally as a healthy and thriving ecosystem**, with its network of diverse coastal habitats rich in wildlife, increasing biodiversity that is **resilient to environmental and anthropogenic pressures**, maximising ecosystem services benefits and **supporting nature recovery** for generations to come”.

Aim: To protect, enhance and drive recovery of the natural environment within Chichester Harbour and help it adapt to climate change.

- Reduce pressures
- Restore Habitats
- Realise benefits

