

# Mount Batten Pontoon

## Project details

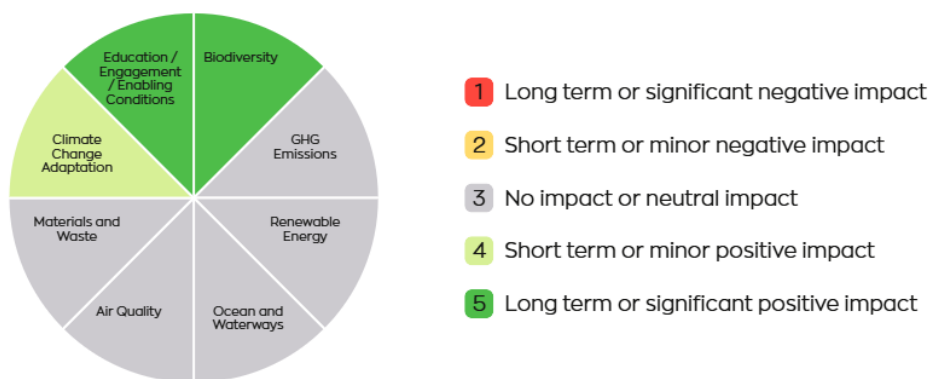
### Assessment author

Jon Parr

### Project summary

Replacement of the Mount Batten Water Sports & Activity Centre pontoon. The project will also provide landing for the Mount Batten Ferry & substantial repair to the Bridgehead

## Summary of assessment



The deconstruction of the old pontoon and the building of the new pontoon will short term localised impact in terms of construction and water quality. The impact is mitigated through carbon monitoring at all stages and enhancements of the biodiversity through interventions as well as the educational benefits linked to the aims of the Plymouth Sound National Marine Park

## Assessment scores

### Biodiversity

#### Score

(5) Long lasting or extensive positive impact

#### Score justification

The works are part of the Plymouth Sound National Marine Park whose primary aim is to connect the people of Plymouth with the natural world around them. The pontoon is a direct replacement of an existing structure (5m to seaward of the existing structure). Diver video of the seabed shows limited biodiversity. The biodiversity will be enhanced through mitigation to the replacement sea wall (through tiles/bioblocks) and there is potential for an

educational resource with with settlement panels on the pontoon and cameras relaying to the centre itself

**Mitigatory measures applied:**

mitigation to the replacement sea wall (through tiles/bioblocs) and there is potential for an educational resource with with settlement panels on the pontoon and cameras relaying to the centre itself

## **GHG Emissions**

**Score**

(3) No impact or neutral impact

**Score justification**

Limited construction emissions. There will be carbon monitoring of the design and construction processes. Construction will be undertaken from vessels

**Mitigatory measures applied:**

Companies asked to monitor carbon.

## **Renewable Energy**

**Score**

(3) No impact or neutral impact

**Score justification**

There is limited energy requirements for the pontoon - public realm and marina lighting and fresh water. Provision will be made for conduit to hold recharging technology for future proofing

## **Ocean and Waterways**

**Score**

(3) No impact or neutral impact

**Score justification**

Construction will include piling into the seabed and some limited local disturbance. All construction will be monitored and undertaken under a licence from the Marine Management Organisation. Any effect on water quality/turbidity will be very limited. An assessment has been taken under the Water Framework Directive for the licence application with no issues raised

Longer term the effects will be positive

**Mitigatory measures applied:**

Marine biodiversity and education measures - tiles/bioblocs and cameras on settlement panels

## **Air Quality**

**Score**

(3) No impact or neutral impact

**Score justification**

Increased limited construction activity including vessels - piling barge and crane

**Mitigatory measures applied:**

Successful firm will have to undertake carbon monitoring of all operations (including removal of existing structures)

## **Materials and Waste**

**Score**

(3) No impact or neutral impact

**Score justification**

The existing structures will be disposed of by the contractor. Where recycling can be used it will be implemented as part of the carbon accounting of the project

**Mitigatory measures applied:**

Carbon accounting of disposal of existing infrastructure

## **Climate Change Adaptation**

**Score**

(4) Short term or limited positive impact

**Score justification**

The project is part of the National Marine Park which is seeking to engage with the people of Plymouth on the climate emergency. Sea level rise and impact is one of those issues. By raising awareness we are improving the resilience of the community.

## **Education / Engagement / Enabling Conditions**

**Score**

(5) Long lasting or extensive positive impact

**Score justification**

The Mount Batten Centre and pontoon look to connect the people of Plymouth to the Ocean. We have a marine citizen pathway and within the structures are encouraging dialogues on climate change, sea level rise, resilience and adaptation. Contractors are required to provide details of how they will approach the climate crisis and structures they will provide to enhance biodiversity.