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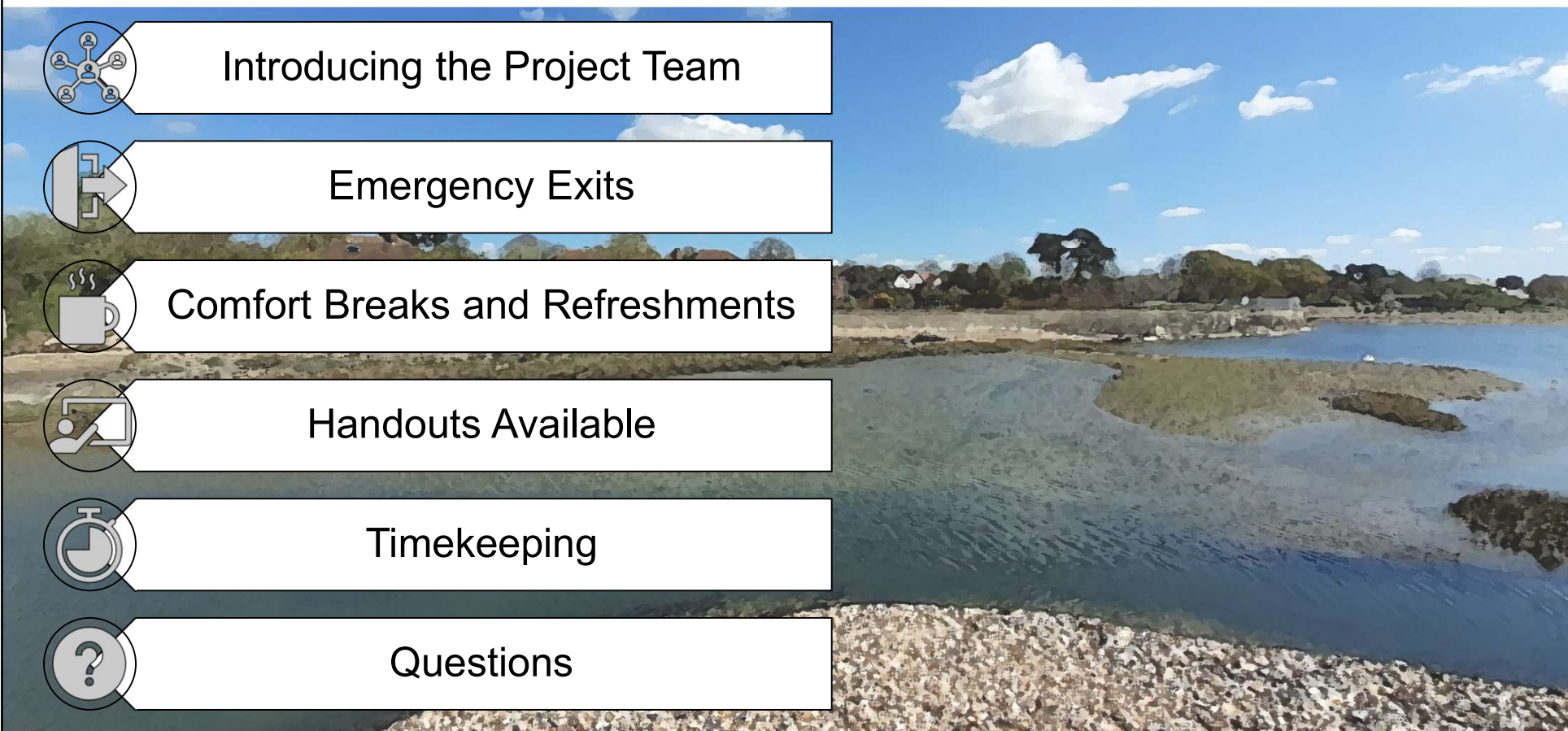








Langstone Flood & Coastal Erosion Risk Management(FCERM) Scheme
Stakeholder Working Group – 80% Design

Thursday 23rd February 2023

Introductory Slides

Housekeeping



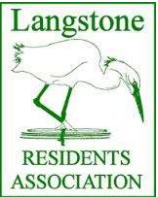
-  Introducing the Project Team
-  Emergency Exits
-  Comfort Breaks and Refreshments
-  Handouts Available
-  Timekeeping
-  Questions

LSWG Representation




**Ward Cllrs
&
Conservation
Officer**

**Langstone
Village
Association**



**Langstone
Flood
Watch**



**CHICHESTER
HARBOUR
CONSERVANCY**

**Mill Lane &
Harbourside Sea
Defence Group**



**Royal Oak
Frontline
Cottages
Group**

**Langstone
Conservation
Group**

**Coastguard
Cottages
Residents**



**Langstone
Road
Residents**



**Solent Protection
Society**



Havant Civic Society



**Save
Our
Shore**



LSWG - Purpose and Objectives

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The Langstone Stakeholders Working Group (LSWG) was set up early in the project to provide opportunity for local community and other key stakeholders to directly input into the development of the scheme. To date, the group have met five times at key design milestones.

The **LSWG Terms of Reference** defines the purpose and structure of the group, defining its objectives and practices.

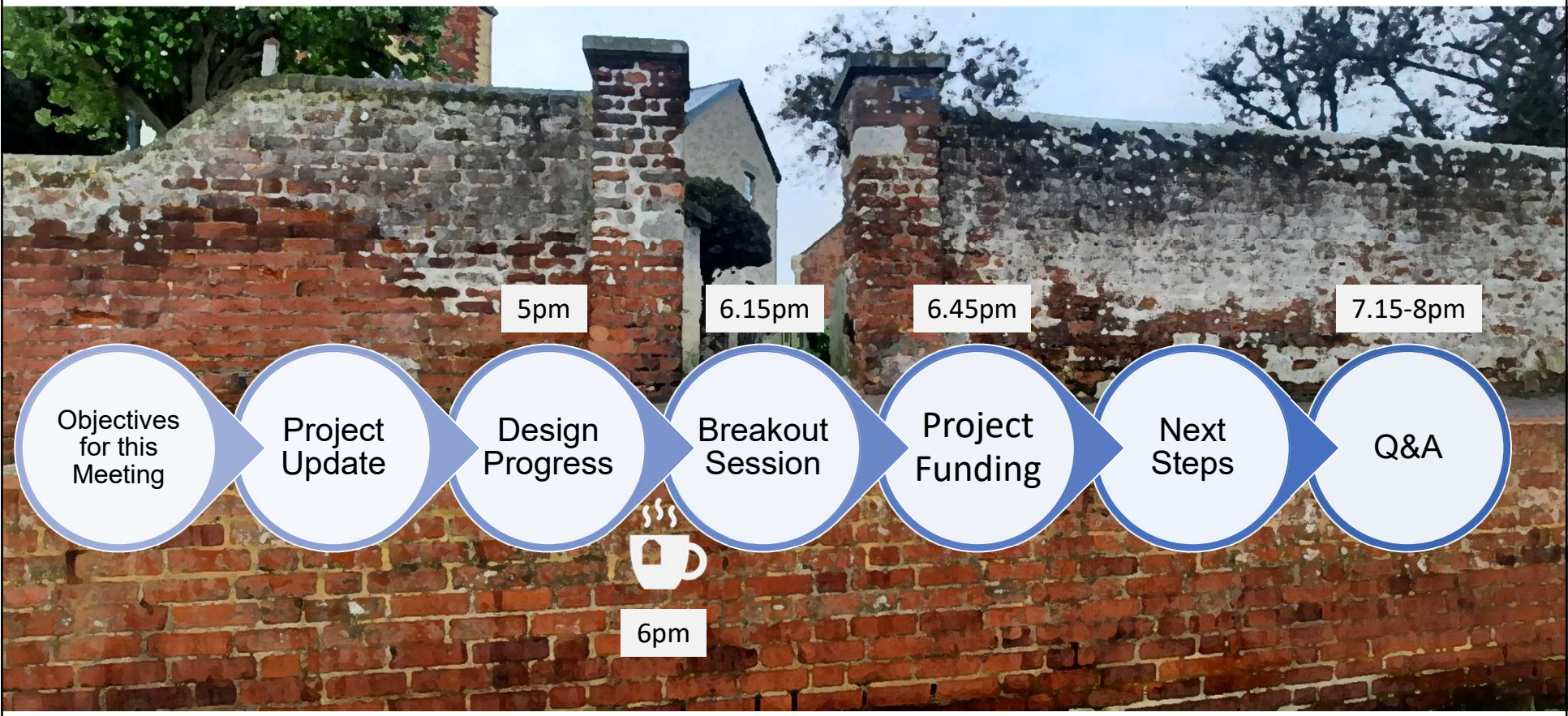
“Create a collaborative partnership between key stakeholders in the Langstone area and the project team at Coastal Partners/ Havant Borough Council (HBC) to represent the local community through the Langstone FCERM Scheme.”

Objectives of the LSWG

- To be the **link to the wider Langstone community**, acting as a conduit for information between the project and the community.
- To provide the project team with a wider understanding of local aspirations, issues, promote forward thinking.
- To provide an understanding of what is viewed in the community as a acceptable scheme.
- To **enable consensus** on issues between all organisations through open discussion, collaboration and meaningful engagement.
- To work together to accomplish a shared goal.

<https://coastalpartners.org.uk/project/langstone-stakeholder-working-group>

The Agenda for Today



Meeting Objectives and Aspirations



Inform and update on detailed design progress to 80%



Understand any outstanding areas of concern



Discuss opportunities for remainder of design



Build support and commitment towards design completion

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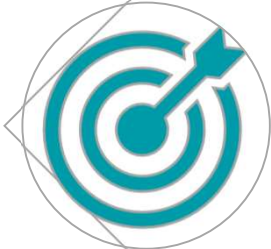
AECOM

The Case for Change at Langstone

Case for Change at Langstone

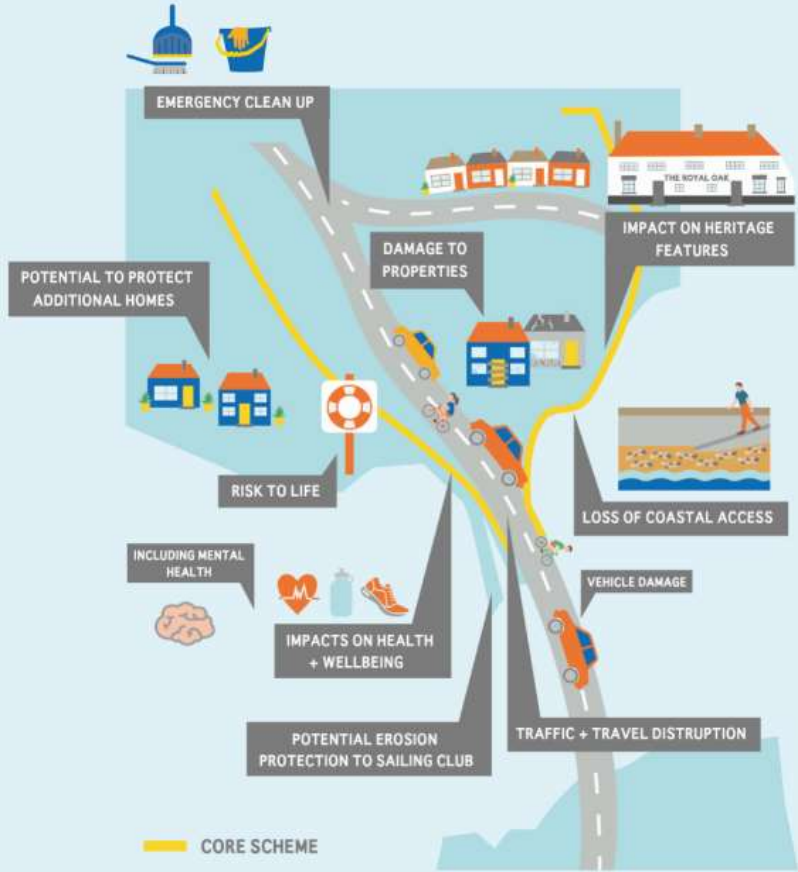


Coastal Partners



The aim of the Langstone FCERM Scheme is to **Develop and Implement Coastal Management Options** to reduce the **Flood and Erosion Risk** to the **Community at Langstone**, important **Heritage Assets** and **Langstone Road (A3023)**, the only road crossing to Hayling Island

<https://coastalpartners.org.uk/project/background-langstone-scheme>

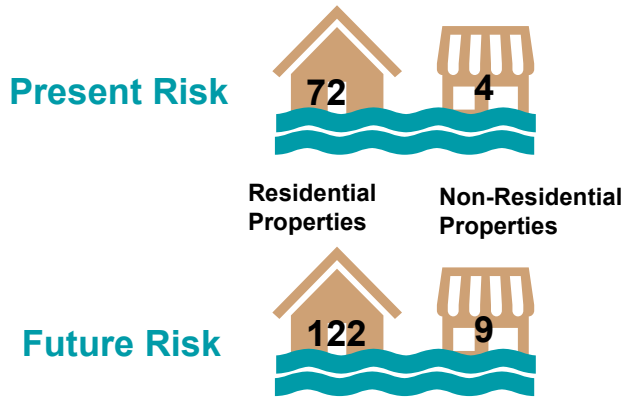


Case for Change at Langstone

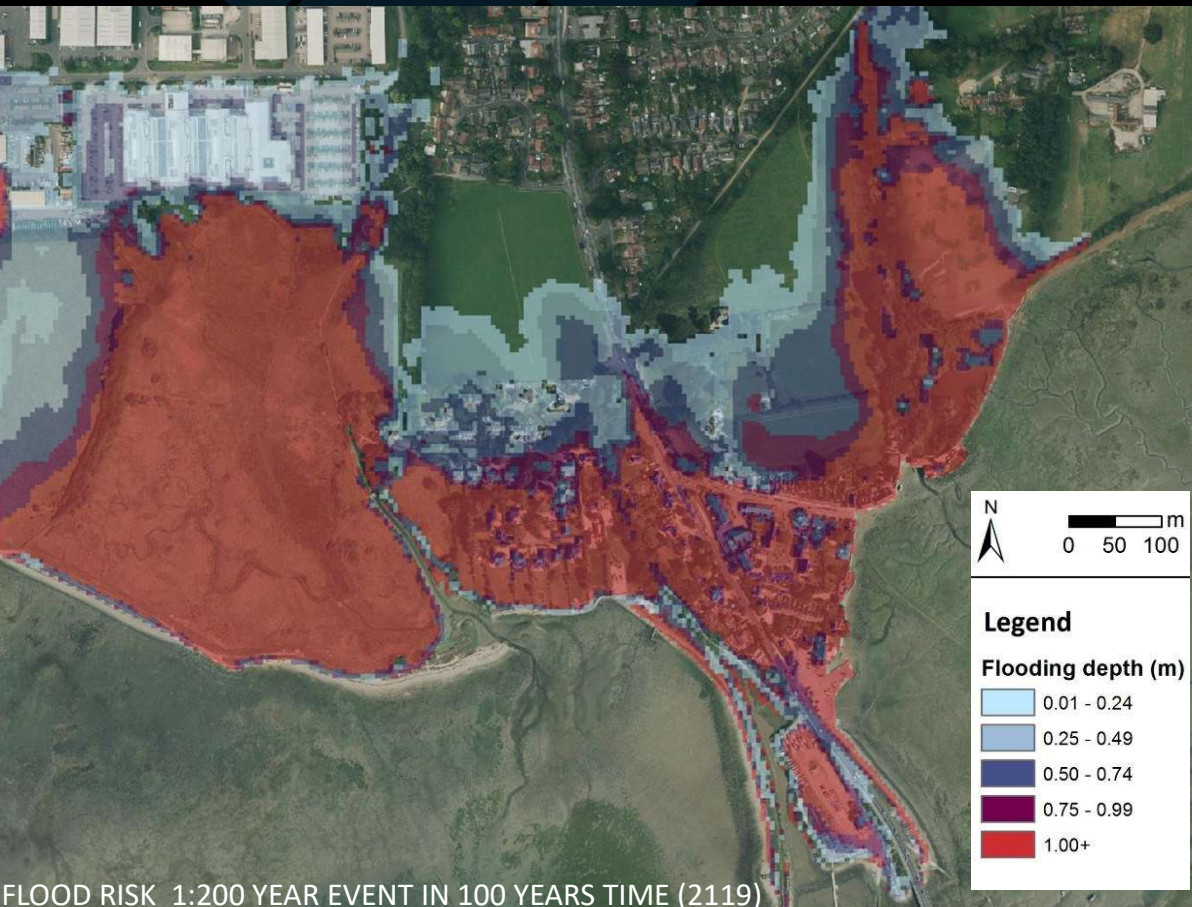


Flood Risk

Modelled Tidal Flood Level for a 1:200 year flood event in 100 years with climate change impacts



A 1:200 year event is a statistical flood event with a probability of 0.5% probability of occurring in any year (Annual Exceedance Probability [AEP])



FLOOD RISK 1:200 YEAR EVENT IN 100 YEARS TIME (2119)

Case for Change at Langstone



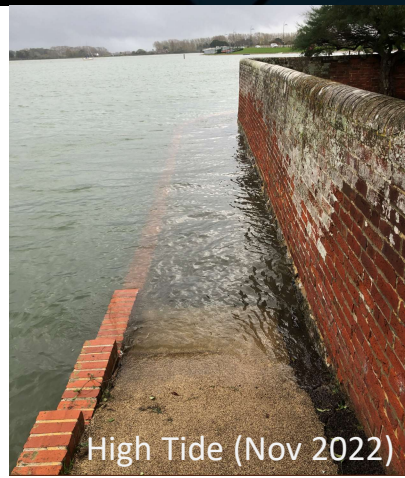
Direct Flood and Erosion Impacts

The do-nothing cash damages for the 50-year core scheme are

£28.6 million

(or £12.1 million in discounted present value terms over 50 years).

Benefits updated May 2021 to reflect new Environment Agency Guidance



High Tide (Nov 2022)



Storm Barra (Dec 2021) – High Street Flooding



High Tide (Nov 2022)

Case for Change at Langstone



Direct Flood and Erosion Impacts

FCERM first round impacts under Do Nothing scenario (next 50 years)



£8,535k damage to residential and commercial properties
£398k damage to vehicles



£567k damages for emergency clean up and temporary accommodation
£42k intangible damages



£2,287k damage associated with risk to life
£1,341k damages associated with mental health impacts of flooding



Approximately £232k business disruption loss to the public houses over the next 10 years (local economy impact)



£1,665k traffic disruption damages and public infrastructure damages (road damages)
£5,125k damages due to disruption to commuters from Hayling Island



An 8-week clean-up period after a flood event expected to lead to an additional loss of approximately £200k business turnover due to closure.

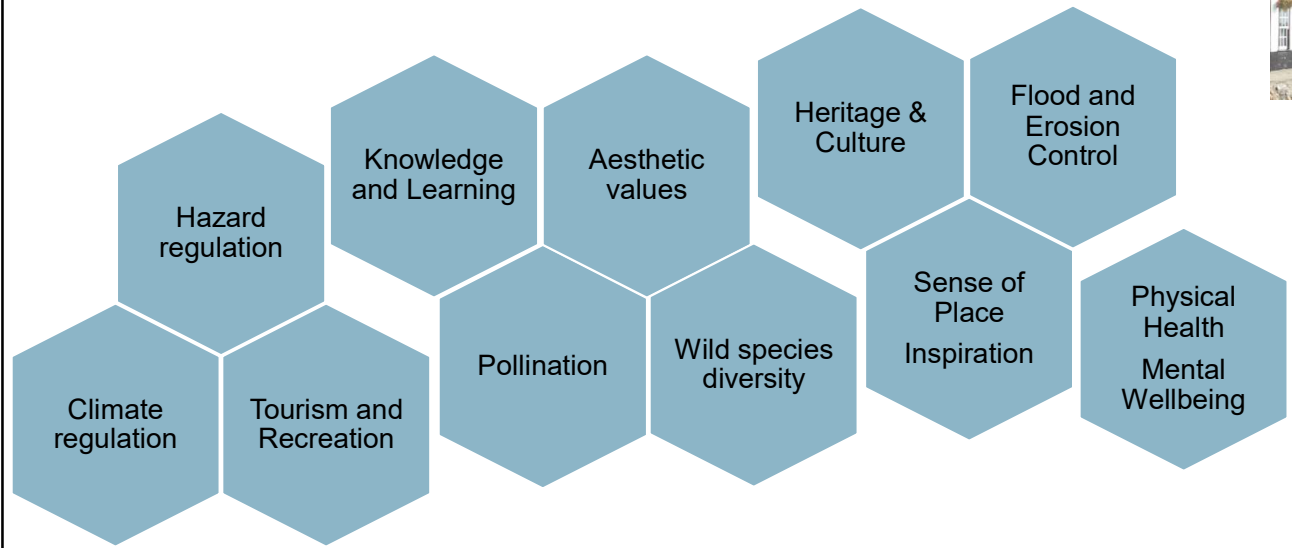
Case for Change at Langstone



Indirect Impacts Ecosystem Services (EsS)

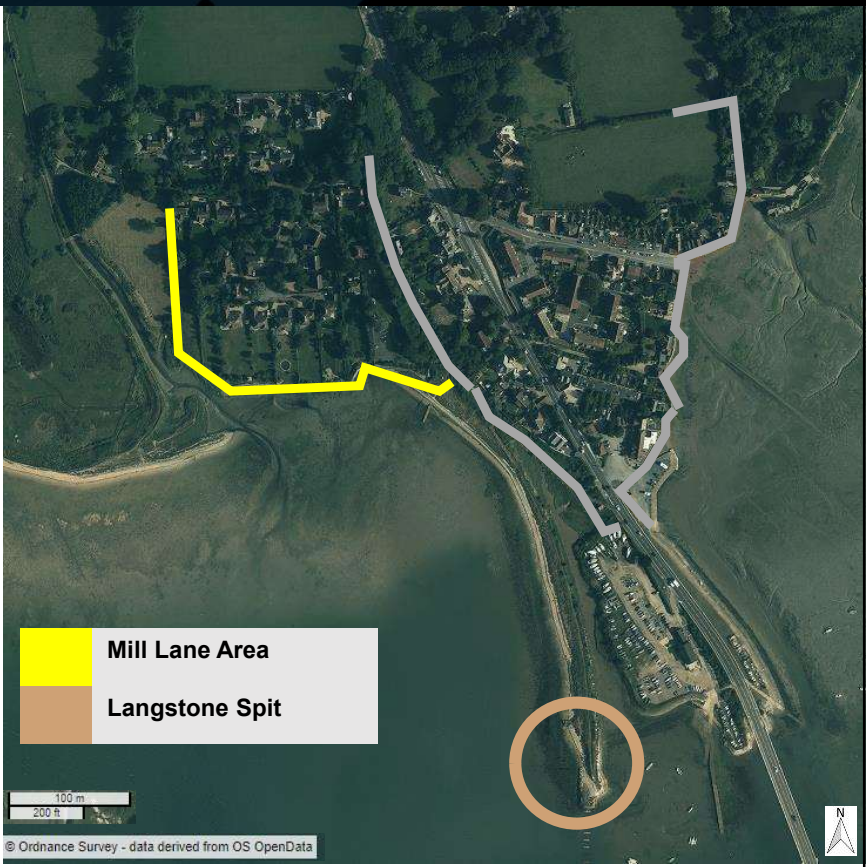
The direct and indirect contributions ecosystems (known as natural capital) provide for human wellbeing and quality of life.

- Do Nothing scenario would have adverse impact on EsS
- A scheme has the potential to improve these factors



Langstone Raft Race – 2019
<https://www.langstone.org/gallery.htm>

Design – Frontages



<https://coastalpartners.org.uk/project/core-and-additional-scheme/>



Engagement in 2022

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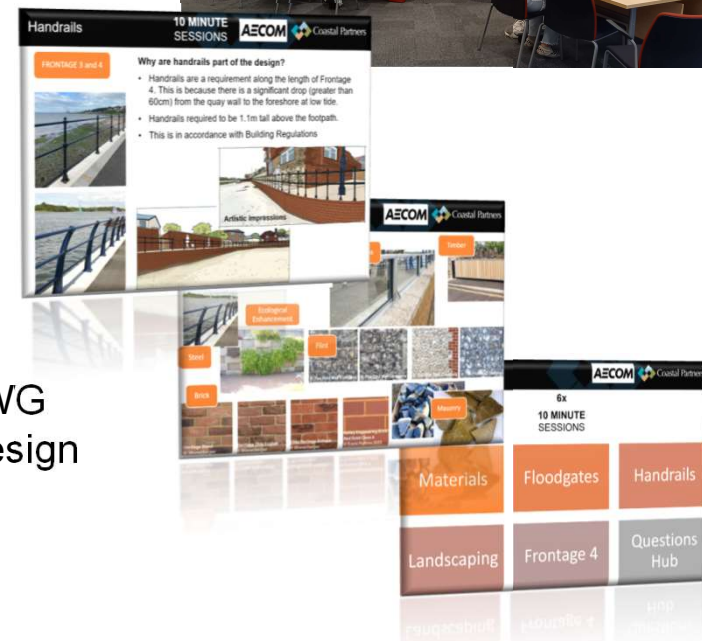
The 5th Langstone Stakeholder Working Group – 4th July 2022

Agenda:

- Project Update
- Design Progress to 50% design completion
- Breakout Session
- Cost and Funding
- Questions and Answers

Meeting Outcomes:

- Prepare and share meeting minutes and slides with LSWG Members and AECOM as designers to feed back into design
- Questions and Answers included in meeting minutes



<https://coastalpartners.org.uk/project/langstone-stakeholder-working-group>

Website Update @ 50%

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August 2022

Updated to share design outputs at 50%:

- Make it easier for LSWG members to access engagement materials
- Request to share more detail on cost breakdown and funding picture
- More detail on what detailed design will achieve
- Updated engagement plans
- Latest news

UPDATED

Further Information

- [Background to the Scheme](#)
- [Detailed Design](#)
- [Upcoming Engagement](#)
- [Funding](#)
- [Development of Options](#)
- [Core and Additional Scheme](#)
- [Previous Engagement](#)

Langstone Coastal Defence Scheme

coastalpartners.org.uk/project/langstone-coastal-defence-scheme/

LANGSTONE COASTAL DEFENCE SCHEME

Latest News

Updated January 2023

80% Design Review Period Extended

Following our thorough review of the 80% design deliverables, we identified that the design solution for some frontages required further refinement. This led to a delay in reaching the 80% Design Milestone.

We have built a clearer understanding of the competing constraints around the scheme and want to use this opportunity to seek greater confidence that the [detailed design](#) presented can address these constraints across all frontages.

Therefore, the decision was made to postpone any engagement on the 80% design whilst further development of the design is undertaken.

This included the next [Langstone Stakeholder Working Group \(LSWG\)](#) which will now be held in February 2023.

We had also planned for a Public Exhibition which had been due over the Winter. We are working on re-programming this event to complement project progress towards the 100% design milestone.

Update August 2022

50% Design Milestone Achieved

We are pleased to confirm that the detailed design for all frontages has progressed to the 50% design milestone. This means that the overall design 'picture' has been developed by 50%.

The designer (AECOM) has prepared new artistic impressions to convey the latest design, and these were first presented at the [Langstone Stakeholder Working Group](#) in July 2022. These show the main features of the proposals for each frontage, but some elements are yet to be decided such as appearance, construction materials and finishes.

AECOM will now continue to develop the detailed design 'picture' to the next milestone at 80% where the latest designs will be shared with the Community at a public exhibition. At this stage, the detail will have been refined, incorporating feedback from stakeholders to further visualise the design proposals.

[Further information](#) on the 50% Design is available available by following the link to the [Detailed Design](#) webpage.

What is Detailed Design?

The options appraisal culminated in an outline design proposal for the most achievable solution, also known as the 'leading options'. The detailed design phase progresses these leading options to a higher level of design detail, where we aim to refine:

- The technical details for planning, construction, and suitability
- Knowledge of the integrity of existing walls to form part of the scheme, where possible
- The impacts on heritage, landscape and environment
- The appearance, construction materials and finishes
- The whole life cost

[Click here for further detail](#) about the scope of detailed design we have created a dedicated page.

Further Information

- [Background to the Scheme](#)
- [Detailed Design](#)
- [Upcoming Engagement](#)
- [Funding](#)
- [Development of Options](#)
- [Core and Additional Scheme](#)
- [Previous Engagement](#)
- [Stakeholder Working Group](#)

Related Documents

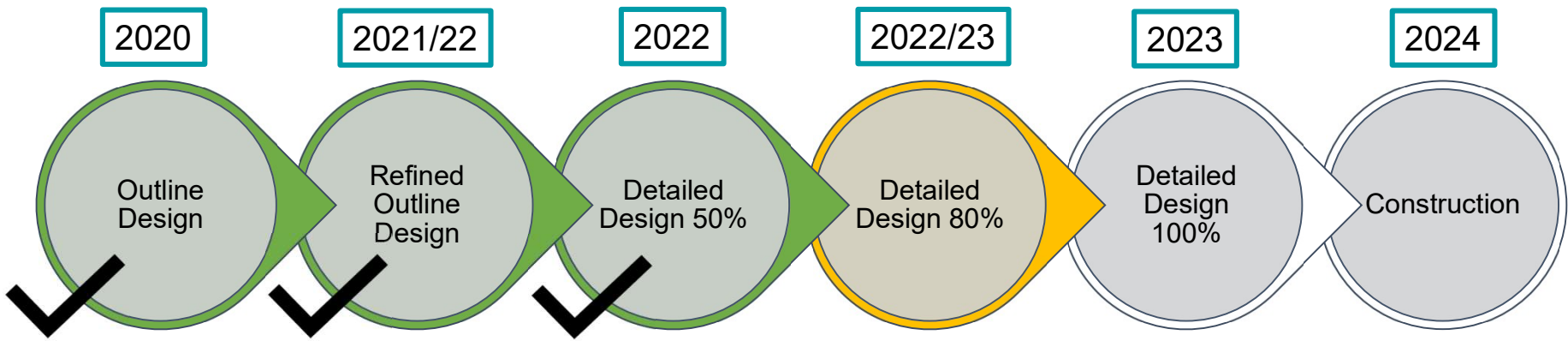
- [Langstone Event Summary 2021 \(PDF, 1.24MB\)](#)

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<https://coastalpartners.org.uk/project/langstone-coastal-defence-scheme/>

Project Milestones



Project Milestones