

Hayling Island Coastal Management Strategy 2120

Preparing for a resilient future



Introduction to the Strategy

Wednesday 19th August 2020

EASTERN SOLENT | COASTAL PARTNERSHIP

- Welcome – Why we are here
- Eastern Solent Coastal Partnership – who we are / what we do
- Meet the Strategy Project team
- Background to the Strategy – why do we need it?
- Introduction to the Strategy - What will it do? What does it involve?
- Programme and next steps

We, the Eastern Solent Coastal Partnership

- are a **50+** strong team of **specialist coastal officers and engineers**
- centrally **manage coastal flood and erosion risk** across **4 Local Authorities** covering **162km** of coastline
- deliver **strategic coastal management plans** as well as design and implement **coastal defence schemes**
- regularly **inspect and maintain our Local Authority defences**
- carry out coastal **research** and coastal **monitoring**
- **involve local communities** to help shape decisions

Our Vision.... *'To reduce the risk of coastal flooding and erosion to people, the developed and natural environment by encouraging the provision of technically, environmentally and economically sustainable coastal defence and protection measures'*



GOSPORT
Borough Council

FAREHAM
BOROUGH COUNCIL



Portsmouth
CITY COUNCIL

Havant
BOROUGH COUNCIL

Meet the team.....

Project Management

EASTERN SOLENT | COASTAL PARTNERSHIP



Adam Sennitt



Mark Stratton

Consultant Team

AECOM



Bernadine Maguire



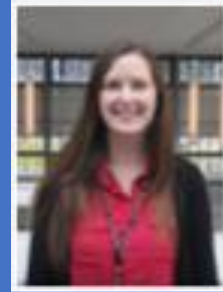
Jonathan Short



Ben Taylor

Project Support

Broader Outcomes



Emma Stainer



Amy Stevens



Sam Box

Option Development

Environment



Ed Rowsell



Rachel Cook



Amanda Fleck

Engagement

Coastal processes



Dr Sam Cope



Emily last



Emma Harris

Why do we need a Coastal Management Strategy?



Flood & Erosion Risk



Broader Outcomes



Environment



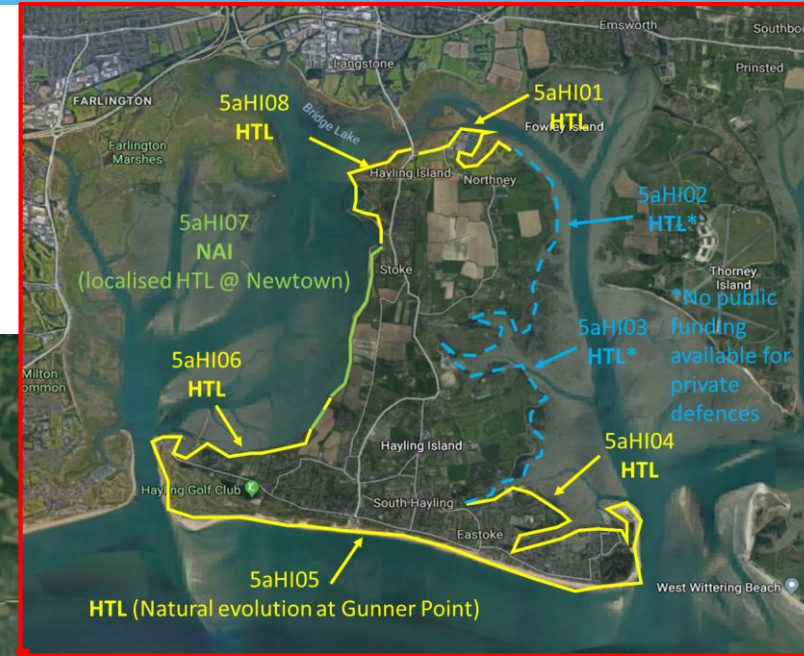
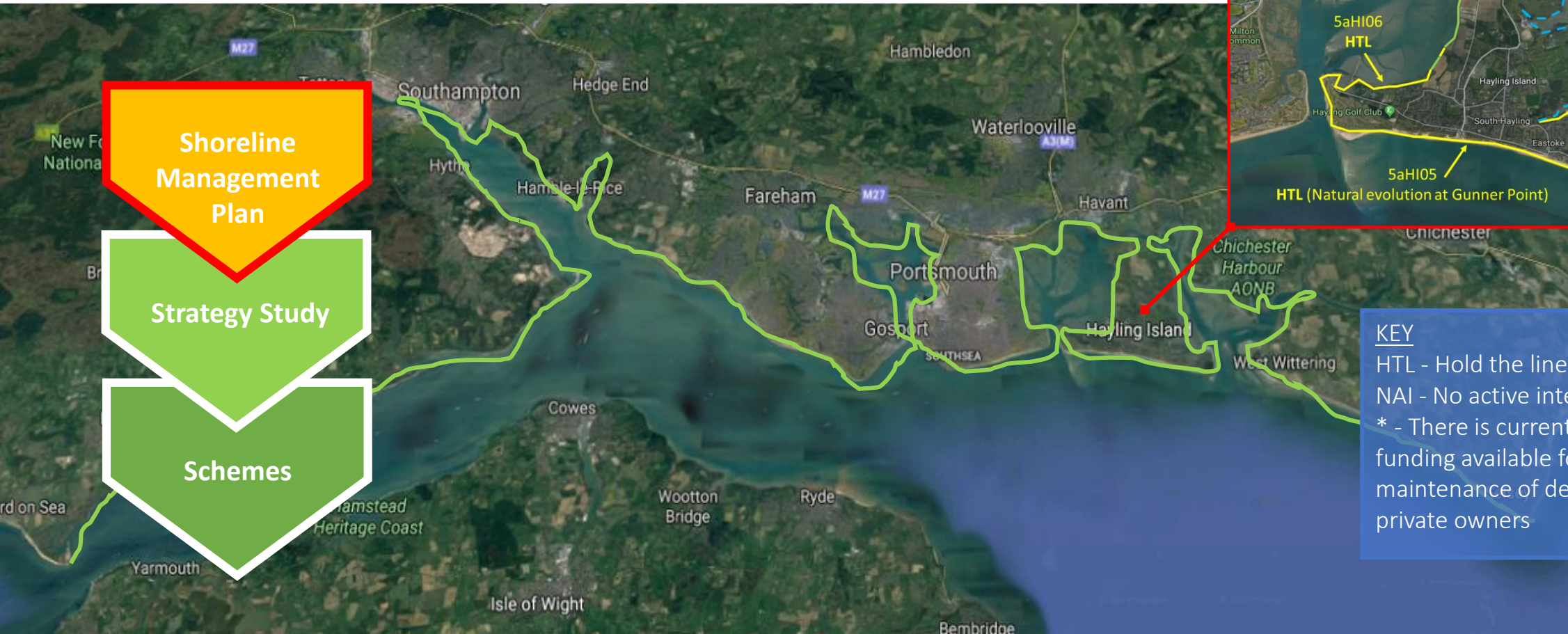
Defence Condition



Why do we need a Coastal Management Strategy?

The North Solent Shoreline Management Plan was produced in 2010:

- Covers the area between Selsey Bill and Hurst Spit
- Set out high level policies for managing coastal risks over the next 20, 50 and 100 years
- Action Plan recommended the need for a Coastal Strategy for Hayling Island



KEY
HTL - Hold the line
NAI - No active intervention
* - There is currently no public funding available for continued maintenance of defences by private owners

Skype Poll – Do you know what a Coastal Management Strategy is?

What is a Coastal Management Strategy?

A Coastal Management Strategy:

- Sets out a **long term vision or route map** for managing tidal flood and erosion risk for an area
- Identifies sustainable, credible and cost-effective **approaches to managing coastal risks** over the next 100 years, **focusing in more detail on the short-term**, taking into account predicted sea level rise and climate change



What will the Coastal Management Strategy do?

AIM....“To produce a sustainable cohesive strategy for managing flood and coastal erosion risk for Hayling Island for the next 100 years.”

- ✓ Will identify and outline a programme of investment for future coastal flood and erosion management on the island
- ✓ Will incorporate adaptation strategies, as defence improvements will not be possible in all locations
- ✓ Will be holistic, yet flexible for both people and nature
- ✓ Will respond to future changes, support sustainable development of the island and take into account predicted sea level rise and climate change
- ✓ Will make a partnership approach central, between HBC, EA, NE, Landowners, businesses and local communities, making sure local needs and priorities are at its core

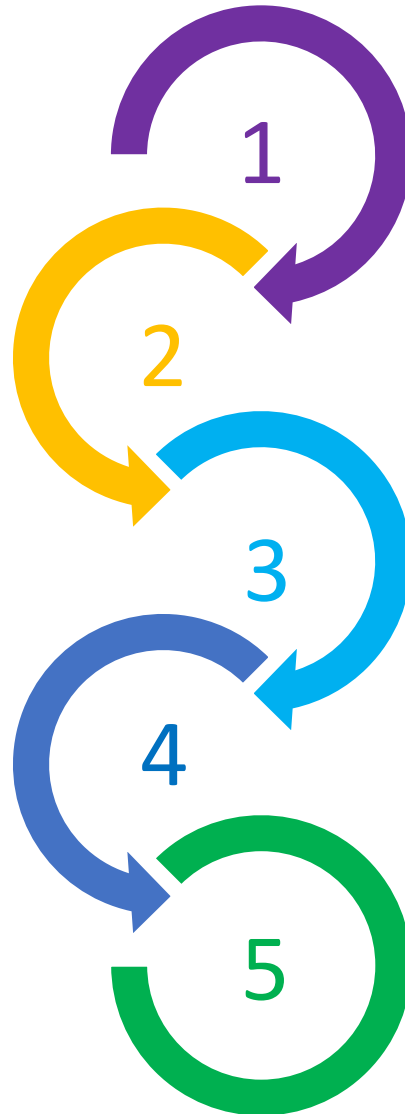
However, the Coastal Management Strategy will **NOT**....result in any on the ground work

1. Gather information...

- Who and what property is at risk?
- What are the current defences like?
- How do the harbours and open coast behave?
- What impact will sea level rise and climate change have in the future?
- How will the natural and historic environment be affected?
- Engagement with Key stakeholders

2. Develop and appraise management approaches.....

- What are the impacts of these approaches on people, property, business, communities?
- What are the impacts of these approaches on landscape, wildlife and heritage?
- What are the costs and benefits?
- How do they comply with the Habitats Regulations?
- Engagement with Key Stakeholders



3. Identify a programme of works.....

- For the next 100 years
- A detailed implementation programme for the short term
- Identify potential additional funding opportunities
- Identify broader outcomes opportunities

4. Engage and consult on the Strategy....

- With the general public
- With Statutory Stakeholders and regulators
- Update with any amendments

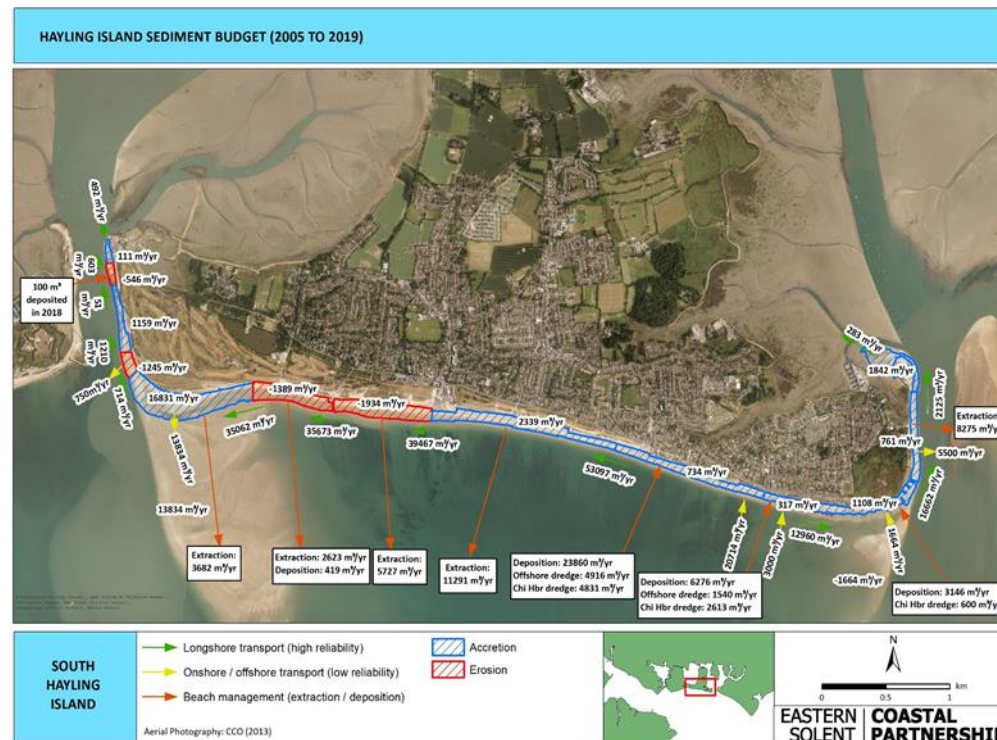
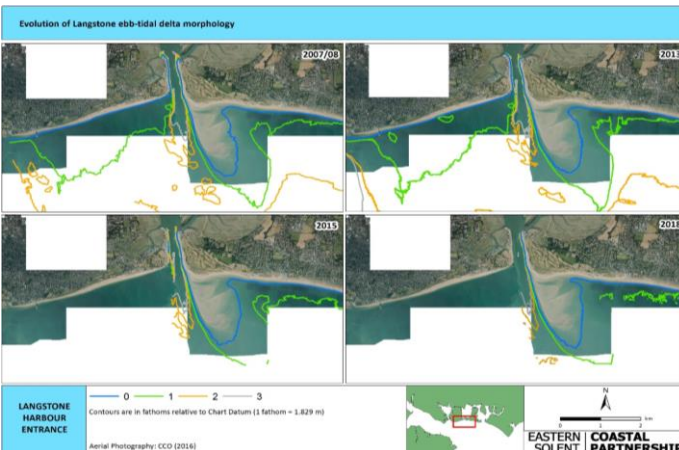
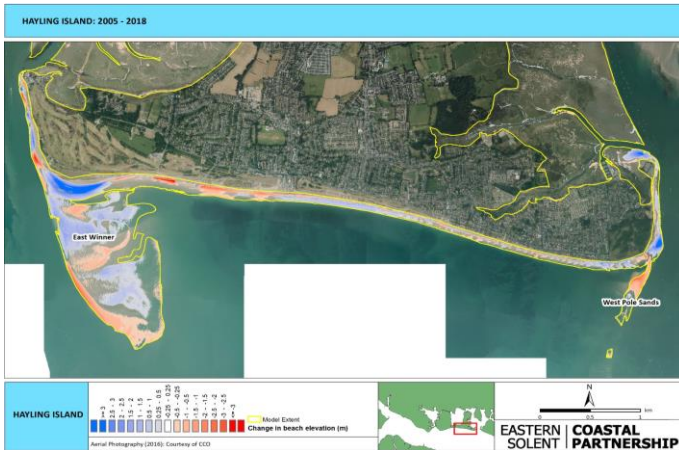
5. Final 2120 Strategy.....

- HBC approve and adopt
- EA approval
- Publish final Strategy
- Implement programme of work

Gathering information...

Baseline coastal process understanding - open coast and harbours

- AIM: To analyse latest hydro-dynamic, geomorphological and bathymetry data to update understanding on how the coast behaves.
i.e. Waves, tides, currents; hotspots of accretion/erosion; seabed changes; sediment transport etc



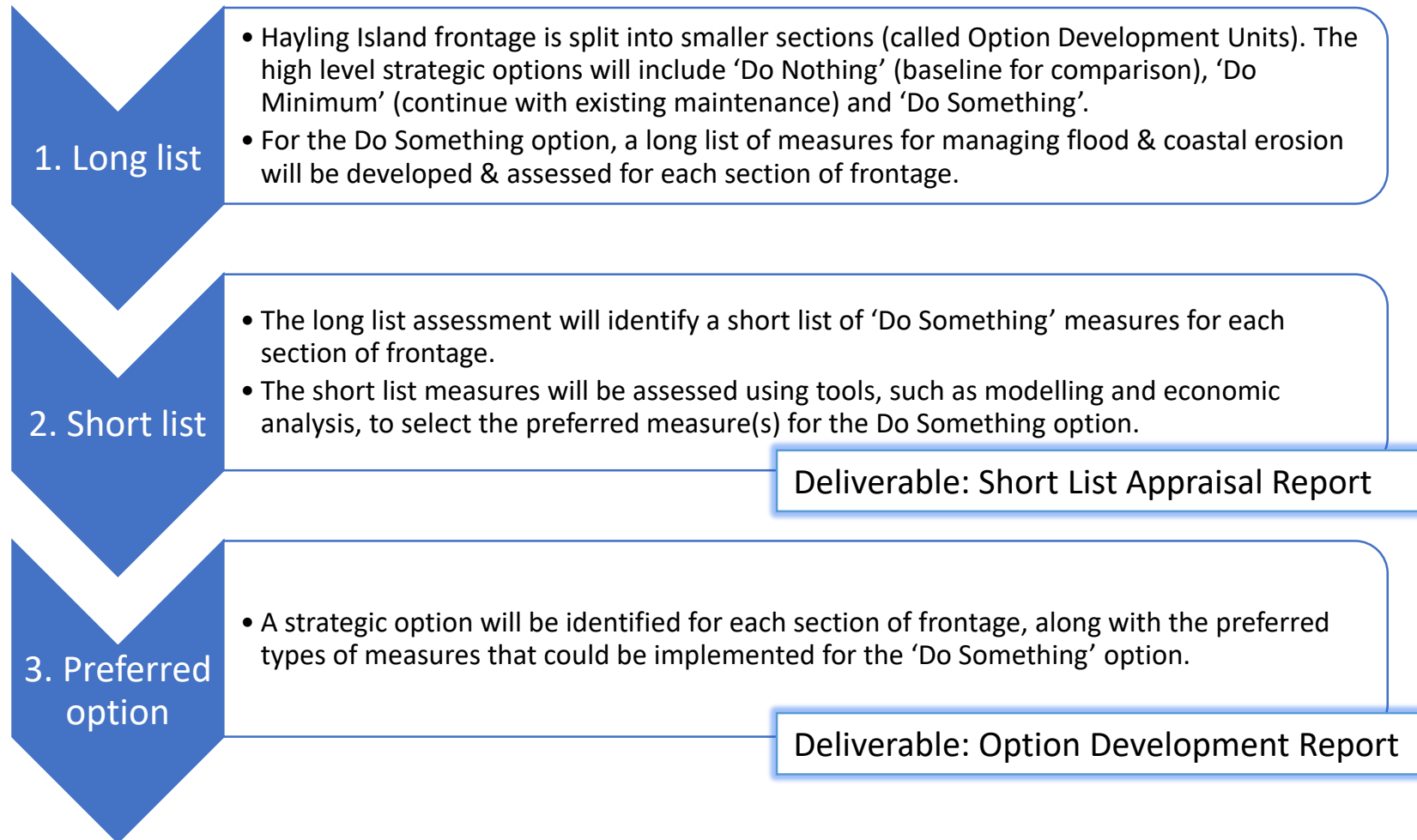
Impact of climate change

- AIM: Refine erosion projections using latest climate change information to assess assets at risk.



Option Appraisal, Modelling and Economics

Aim: Identify robust, sustainable and affordable solutions for managing flood & coastal erosion risk on Hayling Island in accordance with required guidance



Key team members include:



Bernadine Maguire
Project Manager



Jon Short
Technical Lead



Ben Taylor
Coastal Consultant

Do Nothing

Maintain

Sustain

Improve

Adapt & resilience

Environmental Assessments

The Strategy aims to identify schemes which are economically, socially and **environmentally acceptable** within the **constraints which apply to that location**.

Environmental (nature conservation, heritage and landscape) Designations:

- Area of Outstanding Natural Beauty (AONB)
- Sites of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)
- Special Areas of Conservation (SAC)
- Site of Interest for Nature Conservation (SINC)
- Local Nature Reserves
- Ramsar sites
- 2 Scheduled Ancient Monuments
- 2 Conservation Areas
- Listed Buildings

Key Tasks:

- Strategic Environmental Assessment - evaluates environmental implications of proposed strategy
- Water Framework Directive (WFD) assessment – evaluates impact of proposed strategy on immediate and linked water bodies
- Habitats Regulations Assessment - consider whether the strategy is likely to have significant effects on a site designated for its nature conservation interest.
- Liaison with consultees including Historic England, Natural England, EA, Langstone Harbour Board, Chichester Harbour Conservancy, Conservation officer and Local Planning Authority seeking advice and input on the Strategy where appropriate.

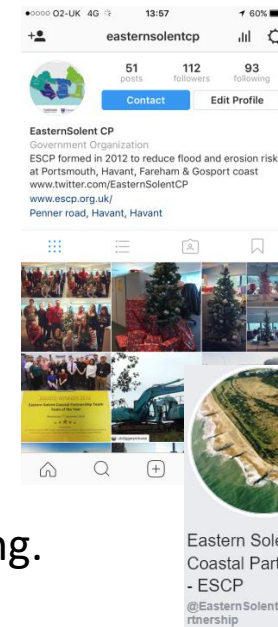


Communication and Engagement

Stakeholder engagement is key to the development of the Strategy. It will inform the coastal management options bearing in mind what is technically feasible, publicly acceptable, economically viable and environmentally acceptable.

WHY?

Provides stakeholders with an opportunity to feed into the Strategy and raise concerns and opinions, which leads to more informed decision making.



- Stakeholder meetings and workshops
- Social media
- Newsletter/e-newsletter updates
- Website updates
- Updates in local newspapers
- Information points at community hubs
- Questionnaires to provide feedback at key stages
- Education packs for schools
- Reporting back



Identify broader outcomes opportunities and funding.....

Broader Outcomes.....the wider benefits which can be delivered alongside standard flood and erosion risk management schemes to provide significant benefits for wider society – ‘Place Shaping’



Environment



Recreation, Amenity & Tourism



Health & Wellbeing



Business, Regeneration & Growth



Heritage



Strategy Stakeholder Group

Aim...

“to create a collaborative partnership between key stakeholders with an interest in the Hayling coastline and the project team at the Eastern Solent Coastal Partnership / Havant Borough Council to represent the local community through the development of the Hayling Island Coastal Management Strategy.”

Role...

- To be the **link to the wider Hayling 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 **successful strategy**
- To **enable consensus** on issues between all organisations through **open discussion, collaboration** and **meaningful engagement**
- To **work together** to accomplish a **shared goal**



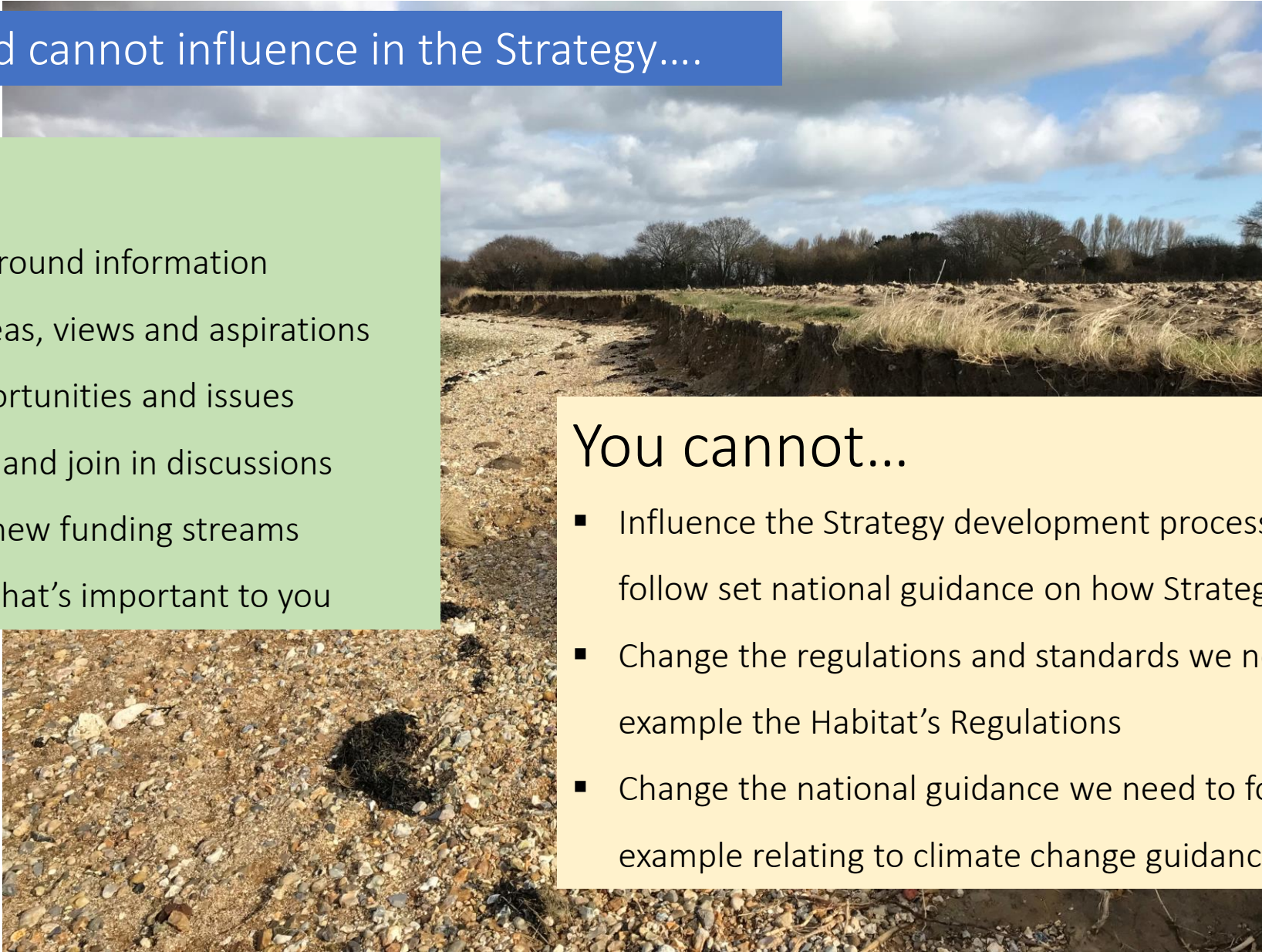
What you can and cannot influence in the Strategy....

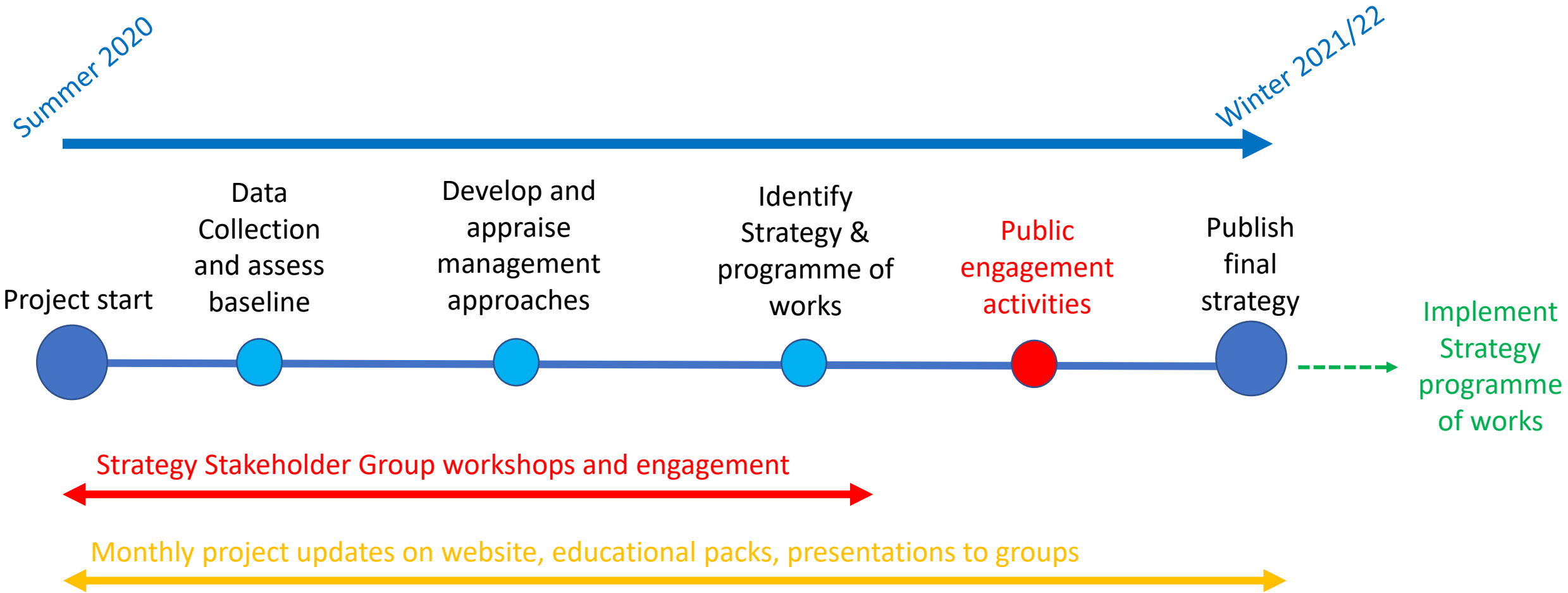
You can...

- ✓ Provide background information
- ✓ Share your ideas, views and aspirations
- ✓ Highlight opportunities and issues
- ✓ Ask questions and join in discussions
- ✓ Help identify new funding streams
- ✓ Let us know what's important to you

You cannot...

- Influence the Strategy development process – we need to follow set national guidance on how Strategies are developed
- Change the regulations and standards we need to follow – for example the Habitat's Regulations
- Change the national guidance we need to follow – for example relating to climate change guidance or economics





Stakeholders

- Please complete the Introductory Questionnaire if not already done so....by September 6th
- Let us know if you'd like to be part of our Strategy Stakeholder Group
- Pass on any information, photos, anecdotal evidence of past flood / erosion events on Hayling Island that you feel may be useful
- Keep an eye on latest news on the project website: <https://www.escp.org.uk/Hi-strategy>

Project Team

- Define the problem and undertake baseline assessments
- Review questionnaire responses and share with key stakeholder group – arrange the next meeting
- Define the long list of approaches
- Screen long list to short list of approaches
- Monthly updates on the project web-page

Skype Poll – do you have a better understanding about the Coastal Management Strategy now after the presentation?



Questions???

Any further questions, please email: coastal.team@havant.gov.uk

Webpage link: <https://www.escp.org.uk/HI-strategy>