

Hayling Island Coastal Management Strategy 2120:  
*Preparing for a resilient future*

Stakeholder Update  
July 2021

# Aim of the session

- to update you on progress
- to show you how your initial inputs have been taken into account
- to listen to any feedback you may have
- to take you through the next steps



# Running order

1. Welcome
2. Recap & progress update
3. You said...we did
4. Q & A
5. Feedback survey
6. Next steps



# Recap – why?

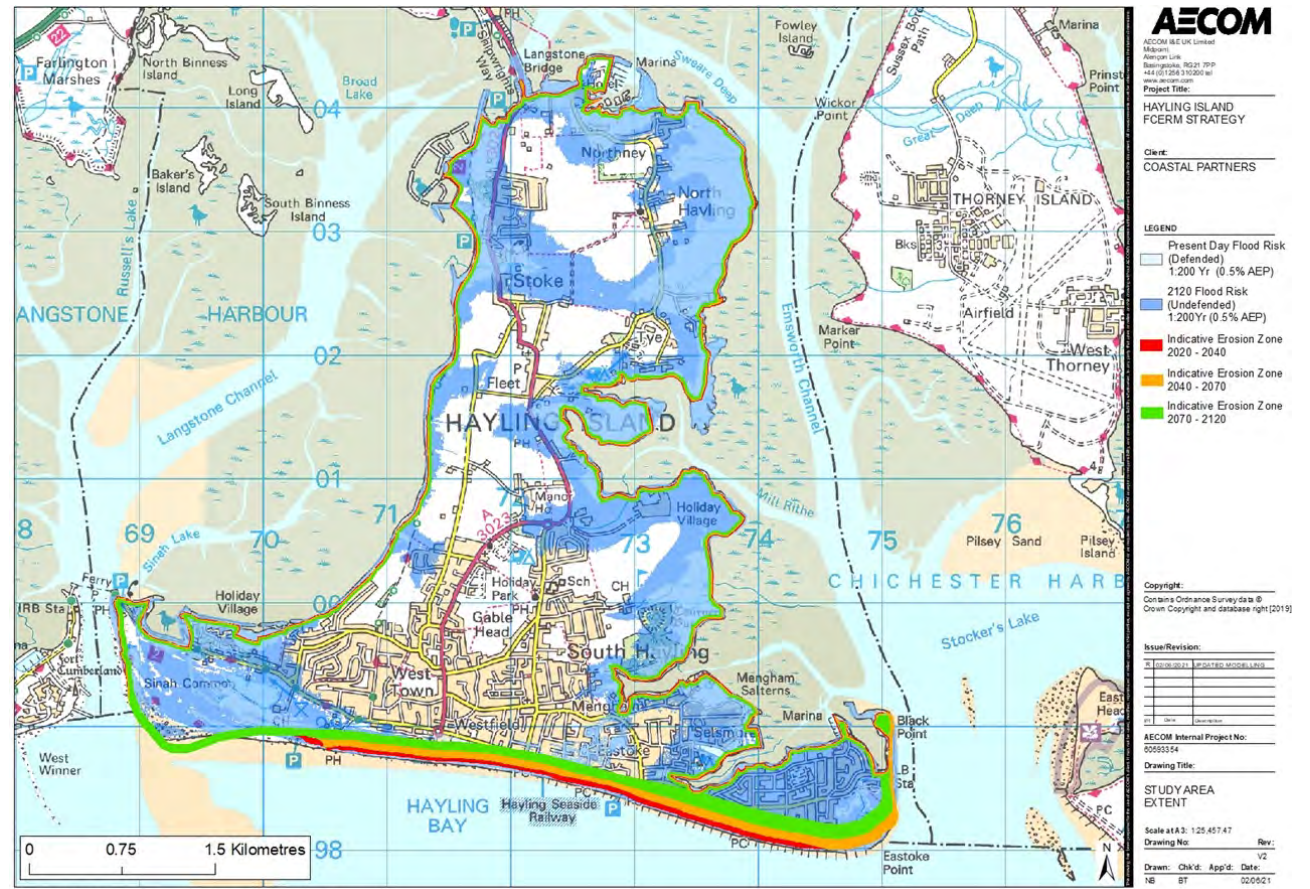
*“Climate change is making the UK warmer and wetter, and we will be visited by extreme weather more frequently in the future. So we need to shift gears, to ensure we adapt and become more resilient.”*

(George Eustice, the secretary of State for the Environment, Food and Rural Affairs)

- Up to **1.15m** Sea Level Rise by 2100
- **Significant impacts** to the existing way of life on Hayling Island
- **Present day:** > **330** properties are at risk of flooding during a significant event (undefended)
- **100 years:** > **2,850** properties at flood risk during a significant event (undefended)  
> **1510** at risk from coastal erosion.

*“Adapt, enhance & improve for future generations”*

**“No one knows this Island like its residents”**



- Develop **strategic coastal management options** for Hayling Island for the next **100 years**
- Outline a **programme of investment** to reduce the risk of coastal flooding and erosion to people living on the island
- **Identify the potential funding sources** and partners required to deliver that investment programme and **be open and honest** about where funding is likely to be a challenge
- Incorporate **adaptation strategies**, as defence improvements will not be possible in all locations
- Be **holistic, yet flexible** for both people and nature
- **Respond to future changes**, support sustainable development of the island and take into account predicted **sea level rise and climate change**
- Make a **partnership approach** central, between HBC, EA, Natural England (NE), Landowners, businesses and local communities, making sure local needs and priorities are at its core

## A Coastal Management Strategy for Hayling Island....

*...a sustainable cohesive strategy for managing flood and coastal erosion risk for Hayling Island for the next 100 years."*

### The Strategy will NOT...

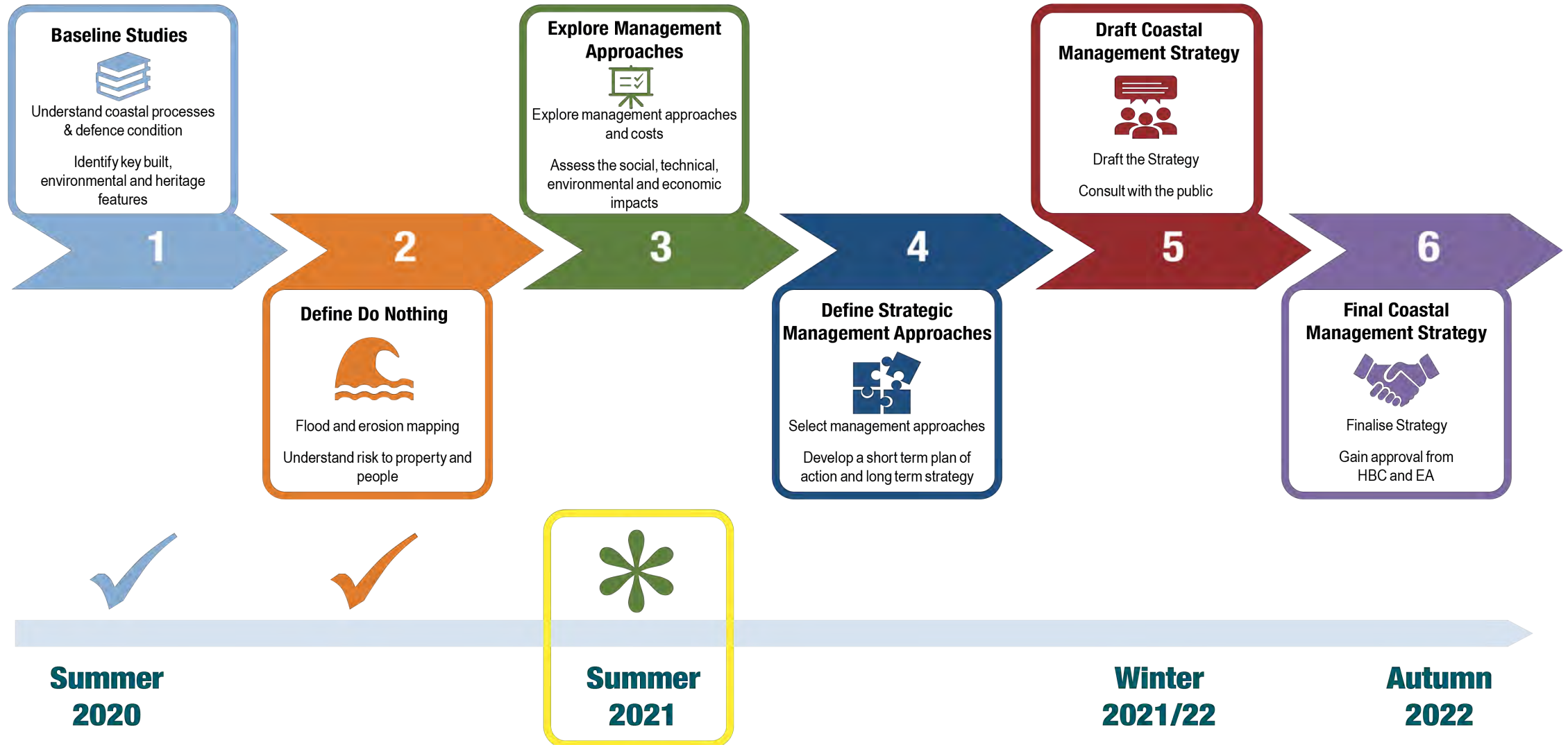
- × Guarantee physical works
- × Guarantee funding
- × recommend defences everywhere
- × focus on areas in isolation

### The Strategy will...

- ✓ outline a short term programme of works
- ✓ outline a long term action plan
- ✓ respond to future coastal change over the next 100 years



# Strategy development process / progress update



## Engagement to date...

- Online strategy launch survey
- Introduction Stakeholder working group meeting
- Stakeholder working group coastal frontage workshop
- Stakeholder working group harbour frontages workshop
- Individual landowner meetings



## You said...

- ❖ You identified potential **coastal management ideas and approaches**
- ❖ You identified **environmental enhancements**
- ❖ You told us about your future **long term vision /aspirations** for the coastal and harbour frontages
- ❖ You told us about **potential opportunities** for the Islands coasts to improve recreation and access, the environment and heritage.



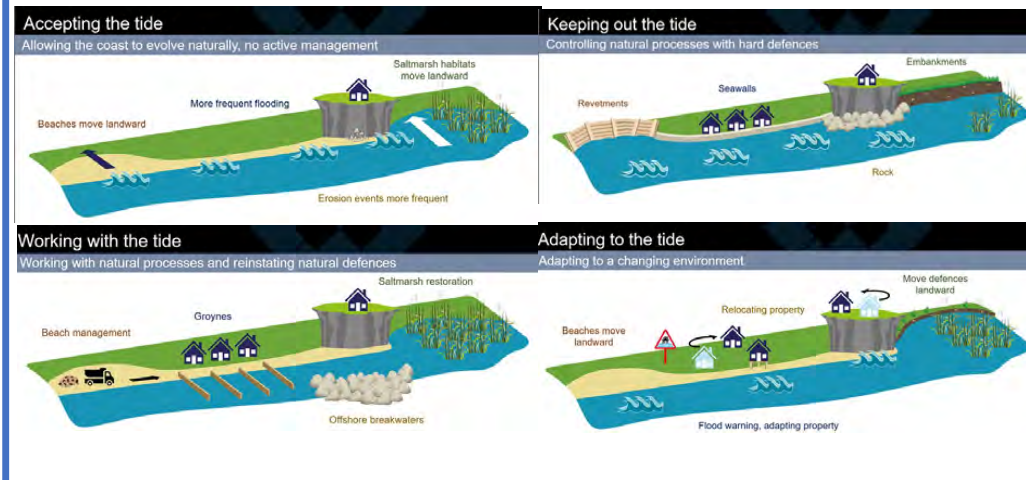
# We did....

- We've used the information you've provided to help us **understand what is important** to those that live on and visit Hayling Island



Understand community objectives & focus areas

- We've included your coastal management ideas and options into **a list of coastal management approaches** for assessment
- We've **screened out** inappropriate coastal management approaches for Hayling Island



- We've included your aspirations and opportunities into the **development of wider opportunities**, alongside coastal management

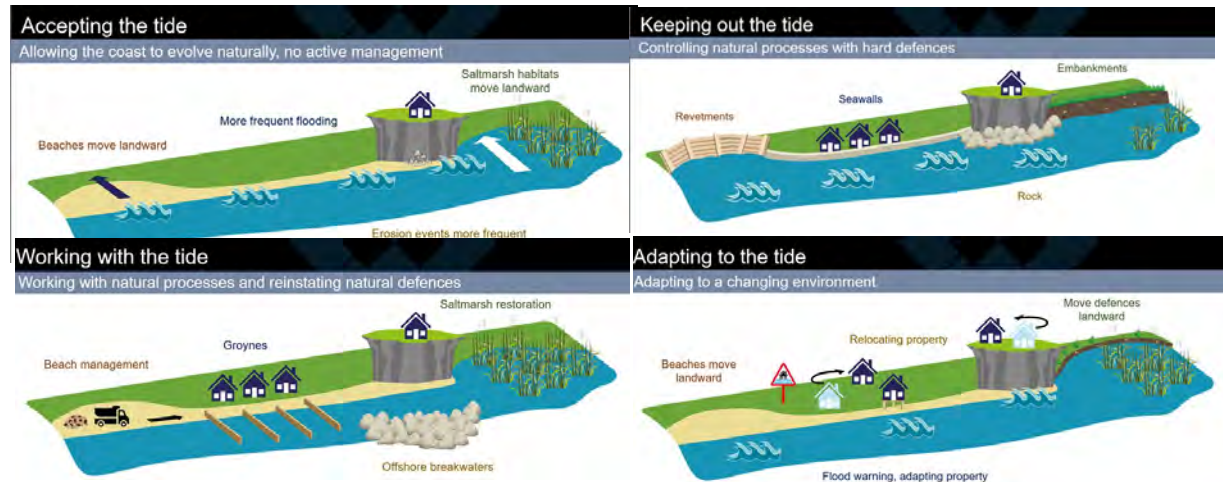


# We did....

- We've included your coastal management ideas and options into **a list of coastal management approaches** for assessment

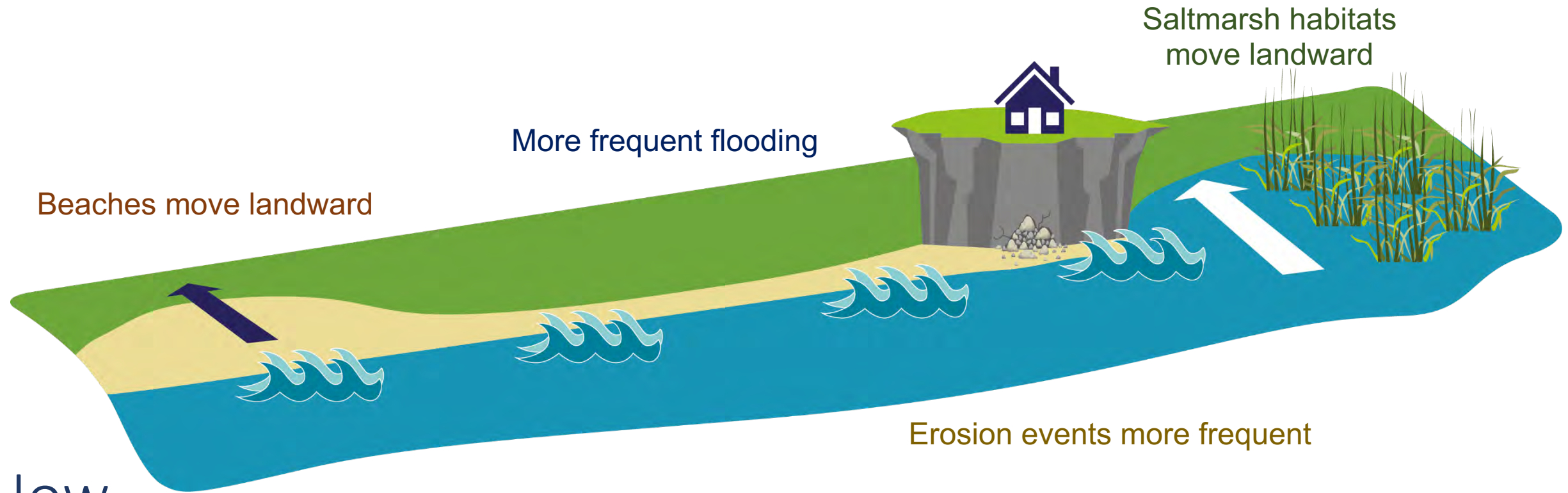


- We've **screened out** inappropriate coastal management approaches for Hayling Island



# Accepting the tide

Allowing the coast to evolve naturally, no active management



How....

- Beaches rollback
- Habitats move landward
- Cliff erosion
- Increased flooding

# Strategic Coastal Management Approaches



## Island wide:

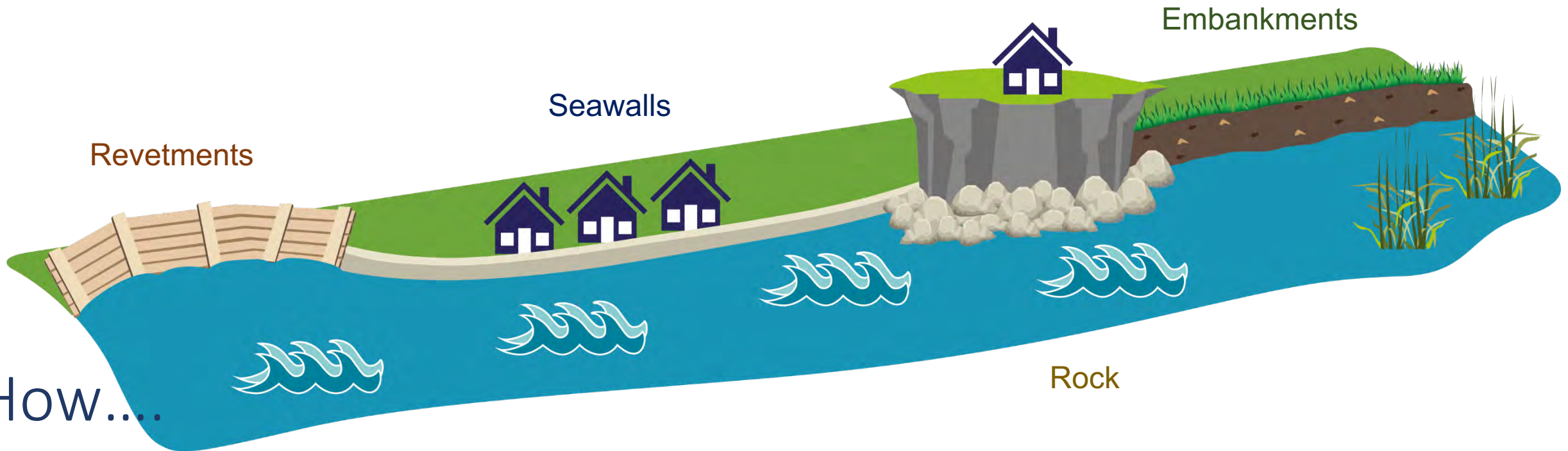
- Accepting the tide (as a baseline)
- Keeping out the tide
- Adapting to the tide

## Specific frontages:

- Working with the tide
- Habitat creation / restoration

# Keeping out the tide

## Controlling natural processes with hard defences



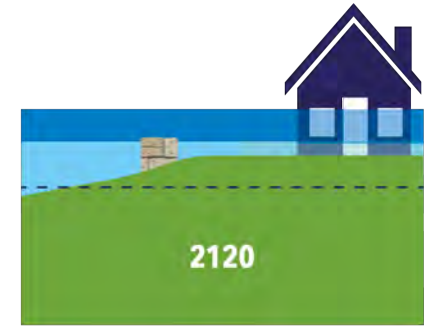
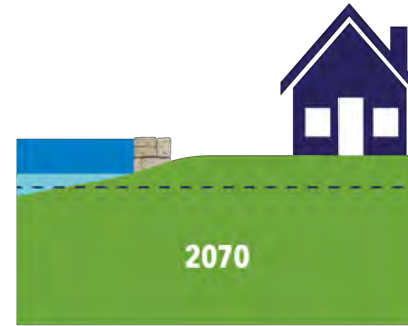
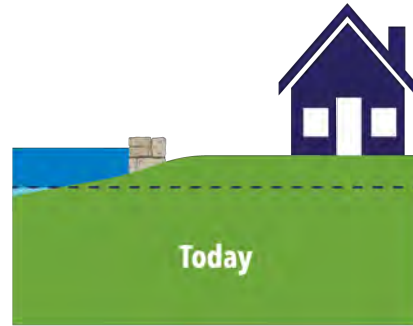
How....

- Maintenance / raising of existing defences
- Revetments (blocks, concrete, paving, rock, timber...)
- Timber breastwork
- Earth embankment / clay bund
- Land reclamation
- Clearance of ditches, drainage, tidal flaps
- Flood barriers / barrages (local or harbour wide)
- Seawall
- Gabion wall
- Sheet piling
- Land raising
- Temporary / demountable defences
- Deployable defences (gates, rising flood barriers)
- Reactive patch and repair

# Maintain, sustain, upgrade ...

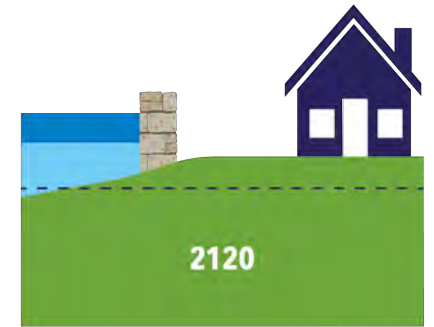
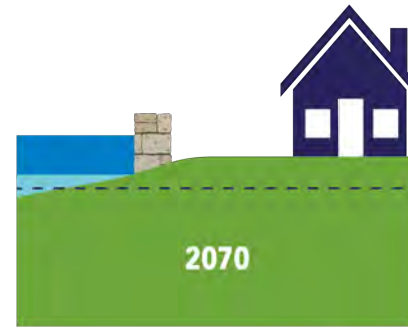
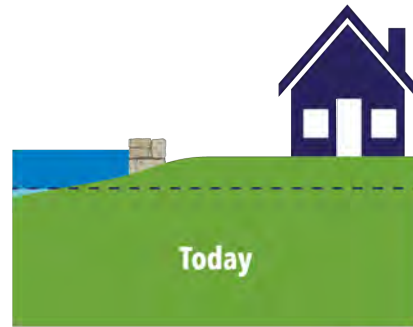
## Maintain

Proactively maintain defences at the current defence height. **Sea level rise risk is not addressed**



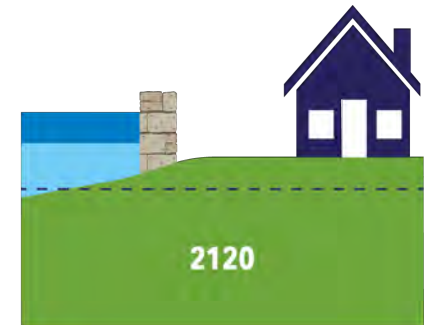
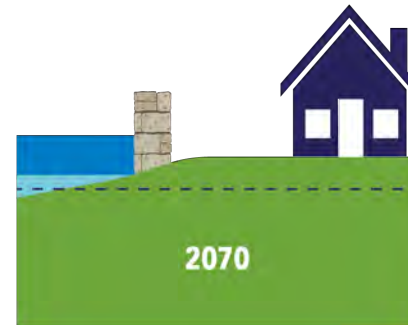
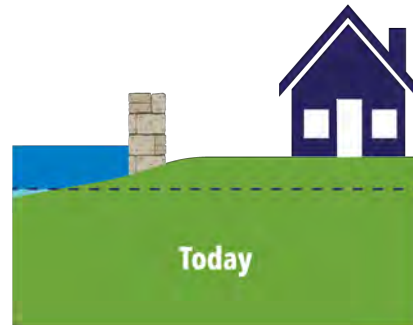
## Sustain

Adapt defences over time, by raising or reinforcing defences in stages. **Addresses sea level rise risk in an adaptive way**



## Improve

Raise existing defence levels or build new higher defences. **Addresses future sea level rise risks today**



----- Today's high tide level

High tide level

Extreme tide level

# Strategic Coastal Management Approaches



## Island wide:

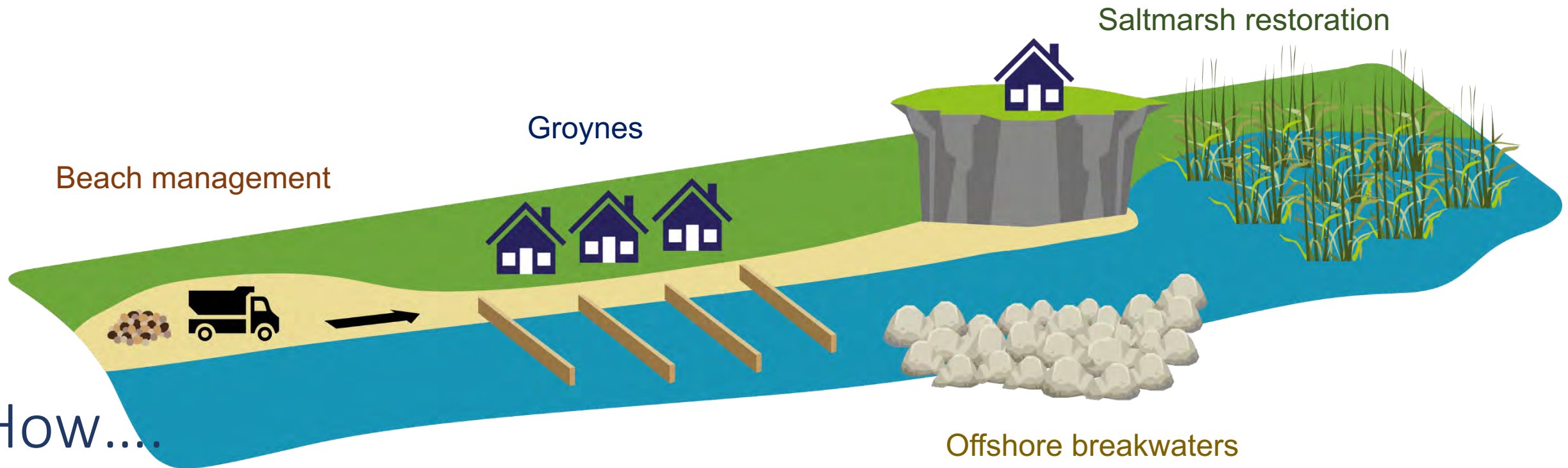
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- **Keeping out the tide**
- Adapting to the tide

## Specific frontages:

- Working with the tide
- Habitat creation / restoration

# Working with the tide

Working with natural processes and reinstating natural defences



- Groynes
- Beach recycling / management
- Beach nourishment (shingle / sand)

- Offshore breakwaters / reefs
- Sand bars
- Dredging channels / creeks

## Habitat creation / restoration

- Setback or breach flood defences (managed retreat)
- Saltmarsh / mudflat / sand dune restoration
- Flood storage areas / flood meadows



# Strategic Coastal Management Approaches



## Island wide:

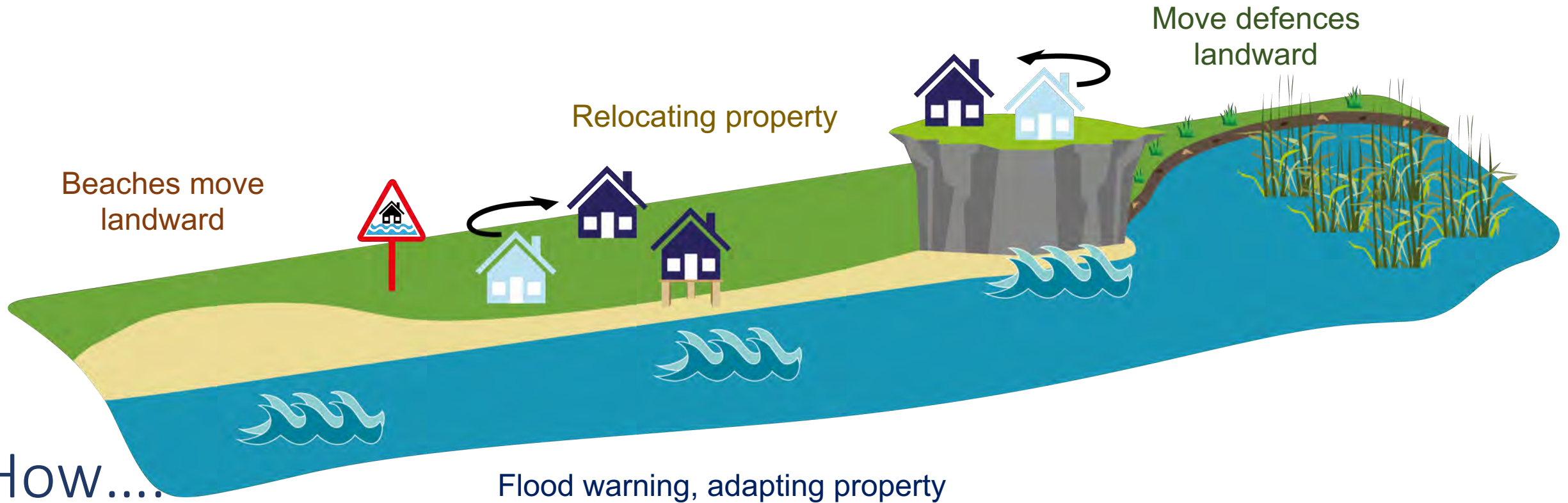
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# Adapting to the tide

## Adapting to a changing environment



- How....
- Road raising / floating / realignment
  - Coastal Change Management Area

- Relocation of property and communities
- Community resilience

- Property level resilience (PLR)
- Remediation of landfill
- Flood warning

# Strategic Coastal Management Approaches



## Island wide:

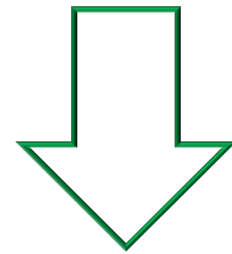
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# We did....

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Heritage



Environment



Regeneration & Growth



Health & Wellbeing



Recreation & Tourism



Placemaking



# Aspirations & Opportunities



## Environment



- A** Saltmarsh restoration (natural Flood Protection)
- B** Oyster bed restoration (anti-pollution measures)
- C** Environmental enhancements (improved habitats for ecology and wildlife)
- D** Enhance the natural beach (import mud or gravel)

## Health & Wellbeing



- A** Access for walking and cycling (Hayling Billy, Sandy Point Nature Reserve, South Hayling)

## Placemaking



- A** Incorporate seating in coastal defences
- B** Public realm improvement, seating and lighting, way markers, seeding and planting, education activities

## Recreation & Tourism



- A** Expansion of marinas
- B** Boardwalks and promenades
- C** New seafront amenities, retail, overnight accommodation
- D** Make defences dual purpose and attractive

## Regeneration & Growth



- A** Tidal energy at harbour entrances (green energy)
- B** New transport links (between Hayling and Portsmouth)
- C** Maintain access / floating roads (Ferry Road, Northney Road, to and from the mainland)
- D** Protect revenue of businesses (golf clubs / marinas)
- E** Redevelopment of the seafront

## Heritage

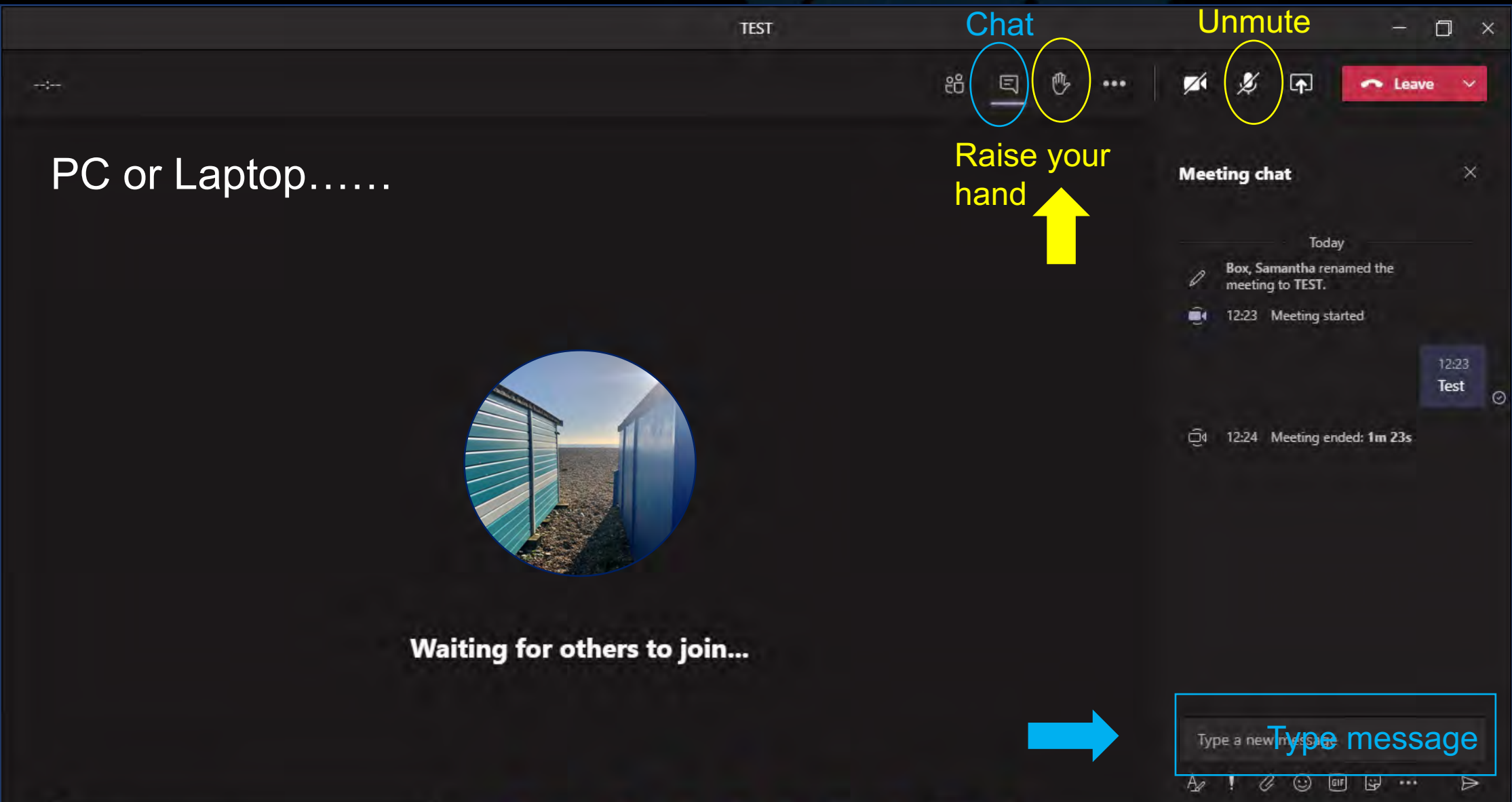


- A** Create an Island identity



Q & A

# How will this work?



TEST

Chat

Unmute

Leave

Meeting chat

Today

Box, Samantha renamed the meeting to TEST.

12:23 Meeting started

12:23 Test

12:24 Meeting ended: 1m 23s

PC or Laptop.....

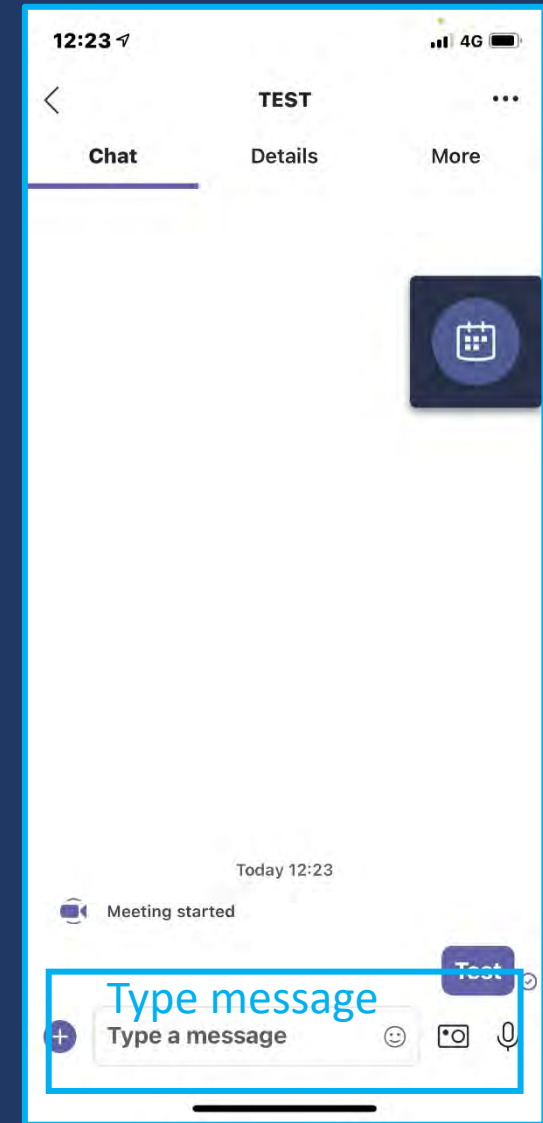
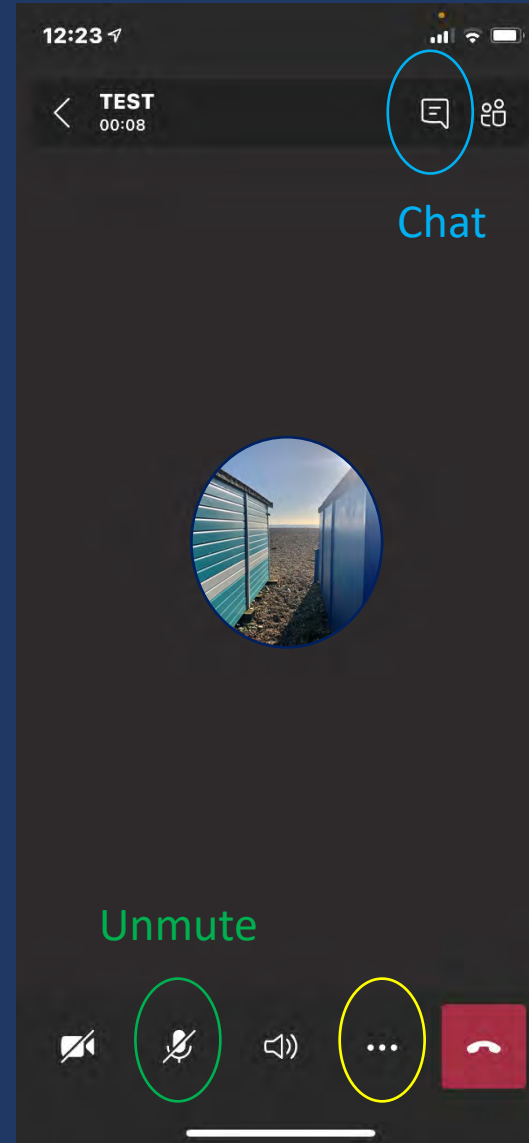
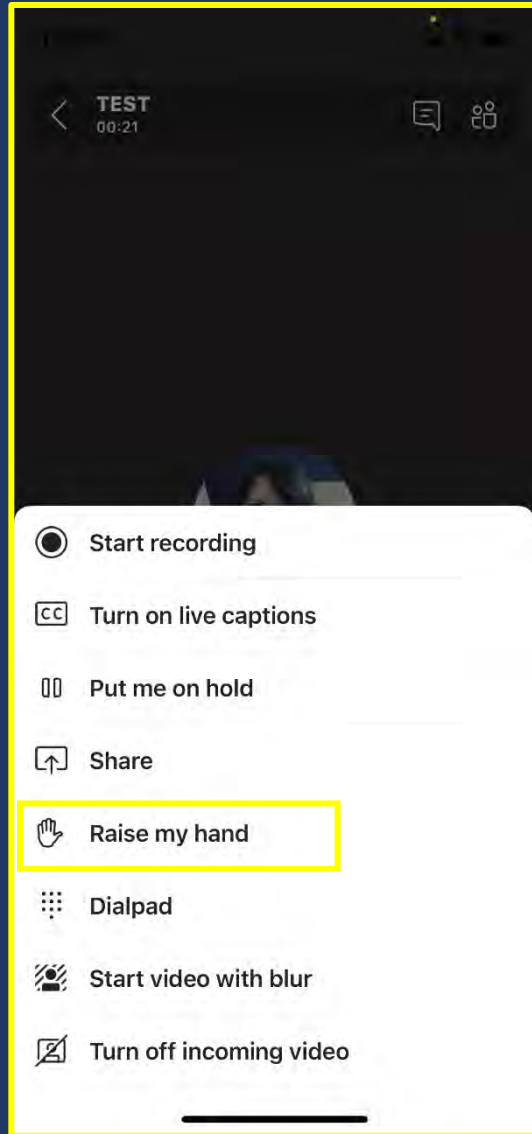
Waiting for others to join...

Raise your hand

Type a new message

# How will this work?

Mobile....







Feedback survey



## Feedback on today's meeting ...

- Was the session useful?
- Was there too much detail or too little, was the information presented clear?
- Did you have enough opportunity to share your views?
- Would you prefer face-to-face or virtual meetings moving forward?



5 minute survey + opportunity to include any further questions  
Link to follow.....



Next Steps

# Next steps / stakeholder involvement



## Thank you

Any further questions, please email: [coastal.team@havant.gov.uk](mailto:coastal.team@havant.gov.uk)

Webpage: [coastalpartners.org.uk](http://coastalpartners.org.uk)

