

Hayling Island Coastal Management Strategy: Preparing for a Resilient Future

Stakeholder Working Group Briefing – Draft Strategy

Tuesday 27th September 2022

Purpose of today

AIM

- > To provide a pre-view of the draft strategy leading options for all frontages around Hayling Island.
- > Provide awareness of the upcoming public engagement events in October 2022

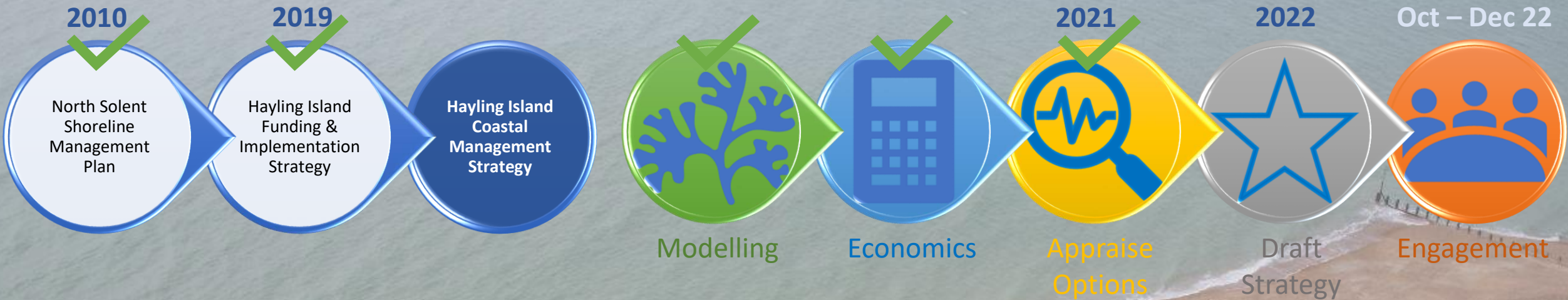
Structure of meeting...

1. Recap (Adam)
2. Summarise the Draft Strategy for Hayling Island – for each frontage in turn (Project Team)
3. Opportunity for questions and comments (all)
4. Public engagement & next steps (Emma)

To enhance the lives of our residents, businesses and visitors

Hayling Island Coastal Management Strategy

Preparing for a resilient future



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

- ### Key Outcomes
- ❖ Short term programme of works / action plan
 - ❖ Long term vision for the coast
 - ❖ Planned response to future coastal change
 - ❖ Funding and wider opportunities route map
 - ❖ Politically endorsed mandate for future coastal management
 - ❖ Environment Agency approved Strategy
 - ❖ Better prepared, better informed residents.



Flood and Erosion Risk

100 years time (2121) 1/200

- ❖ > 3,150 properties at flood risk
- ❖ > 1500 properties at erosion risk.

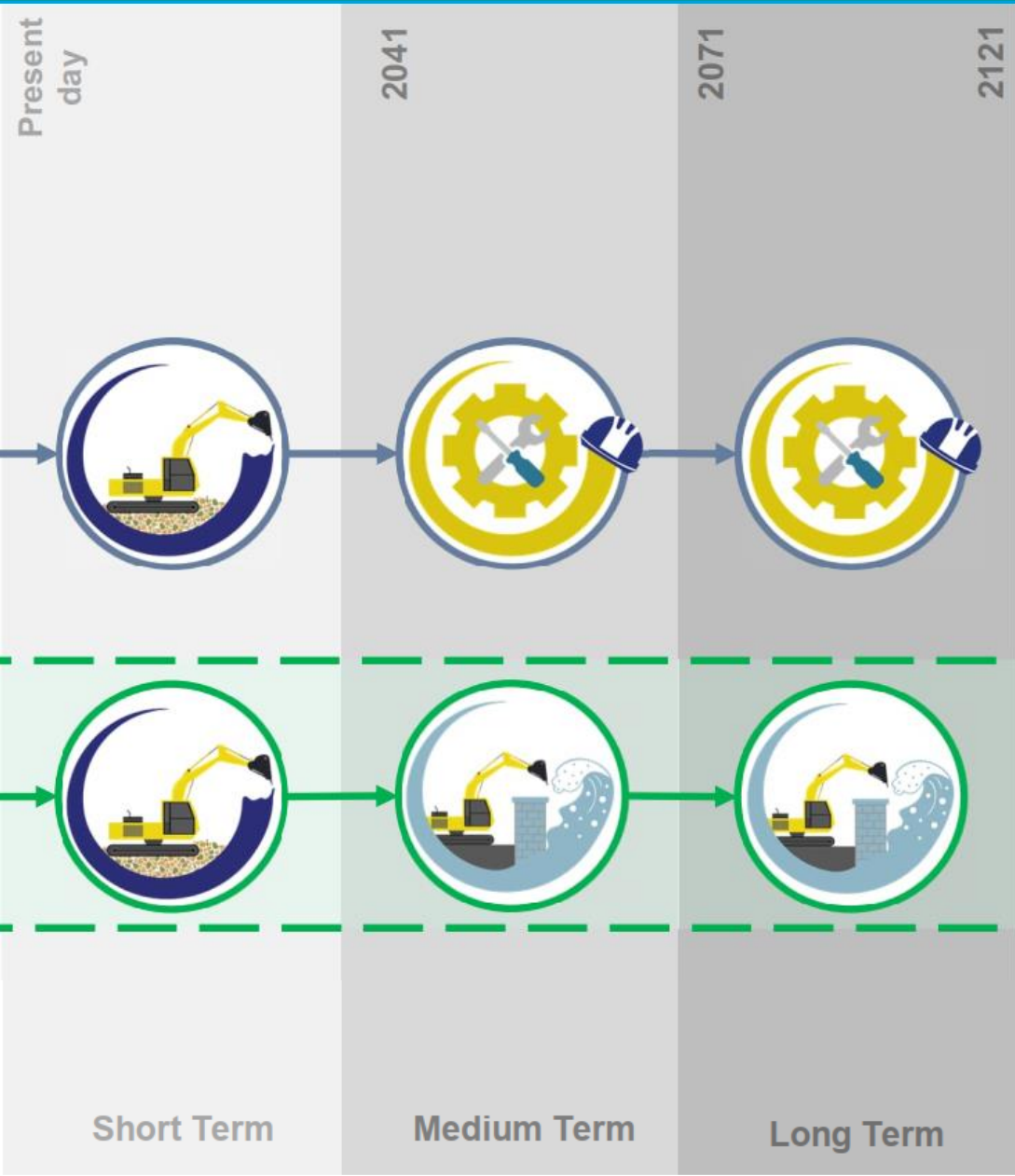


Option Development Units (ODUs)



- ODU 1: Langstone Bridge to Northney Farm (west & east)
- ODU 2: Northney Marina
- ODU 3: Northney Farm to Chichester Road
- ODU 4: Chichester Road to Mill Rythe Junior School
- ODU 5: Mill Rythe Junior School to Salterns Lane
- ODU 6: Salterns Lane to Wilsons Boat Yard
- ODU 7: Wilsons Boat Yard to Fishery Creek
- ODU 8: Eastoke (north & south)
- ODU 9: Eastoke Corner to Inn on the Beach
- ODU 10: Inn on the Beach to North Shore Road (north & south)
- ODU 11: North Shore Road (west & east)
- ODU 12: North Shore Road to Newtown
- ODU 13: Newtown
- ODU 14: Newtown to Stoke
- ODU 15: Stoke to Langstone Bridge Carpark
- ODU 16: Langstone Bridge Carpark to Langstone Bridge

Example Route Map



Cost Effective Option



Reducing the impacts of the tide
Construction of new defences in the short term, with scheduled maintenance in the future

LEADING OPTION

Wider Objectives Option

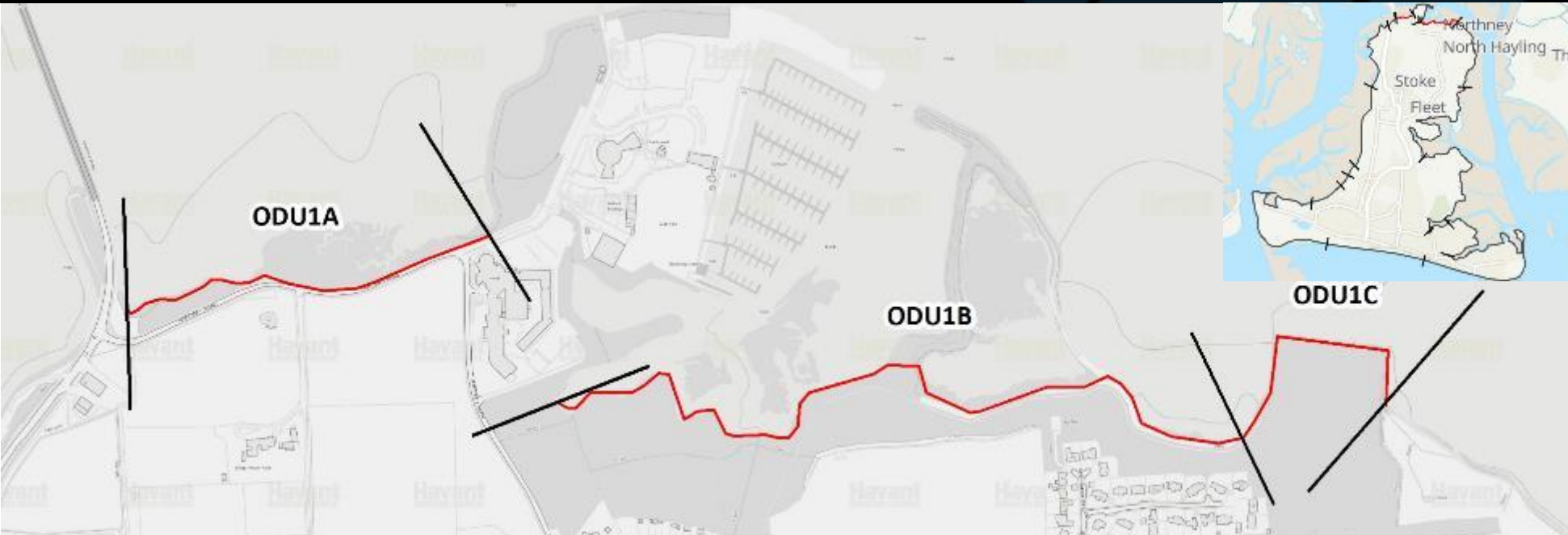


Reducing the impacts of the tide
INTENT: Maintain flood and erosion protection to residents.
HOW: Construct new defences in stages, maintain and raise to keep pace with sea level rise.

Summary from draft strategy:


- Set out our overview intent for each frontage for the next 100 years
- Options are draft, subject to change following engagement
- **No guarantee** any options will be progressed
- **Significant funding** from a variety of sources will be required for any options to progress
- Landowners are ultimately responsible for maintaining their defences
- We will work to develop business cases to progress schemes if there is a public interest
- Continue to work closely with HBC colleagues (regen, planning)
- Where funding can't be found, we will need to **adapt** to future risks.

ODU 1: Langstone Bridge to Northney Farm



LEADING OPTION

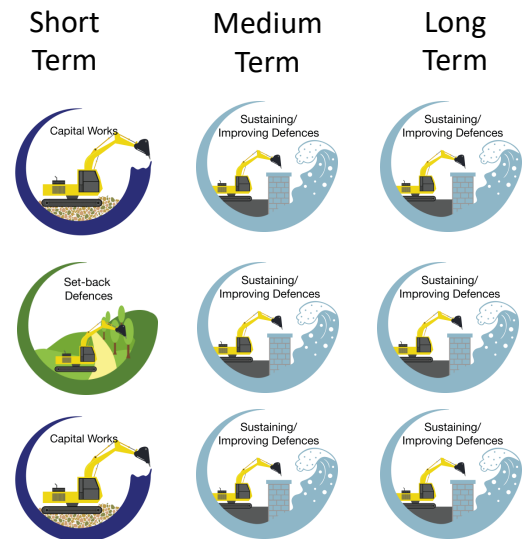
Wider Objectives Option



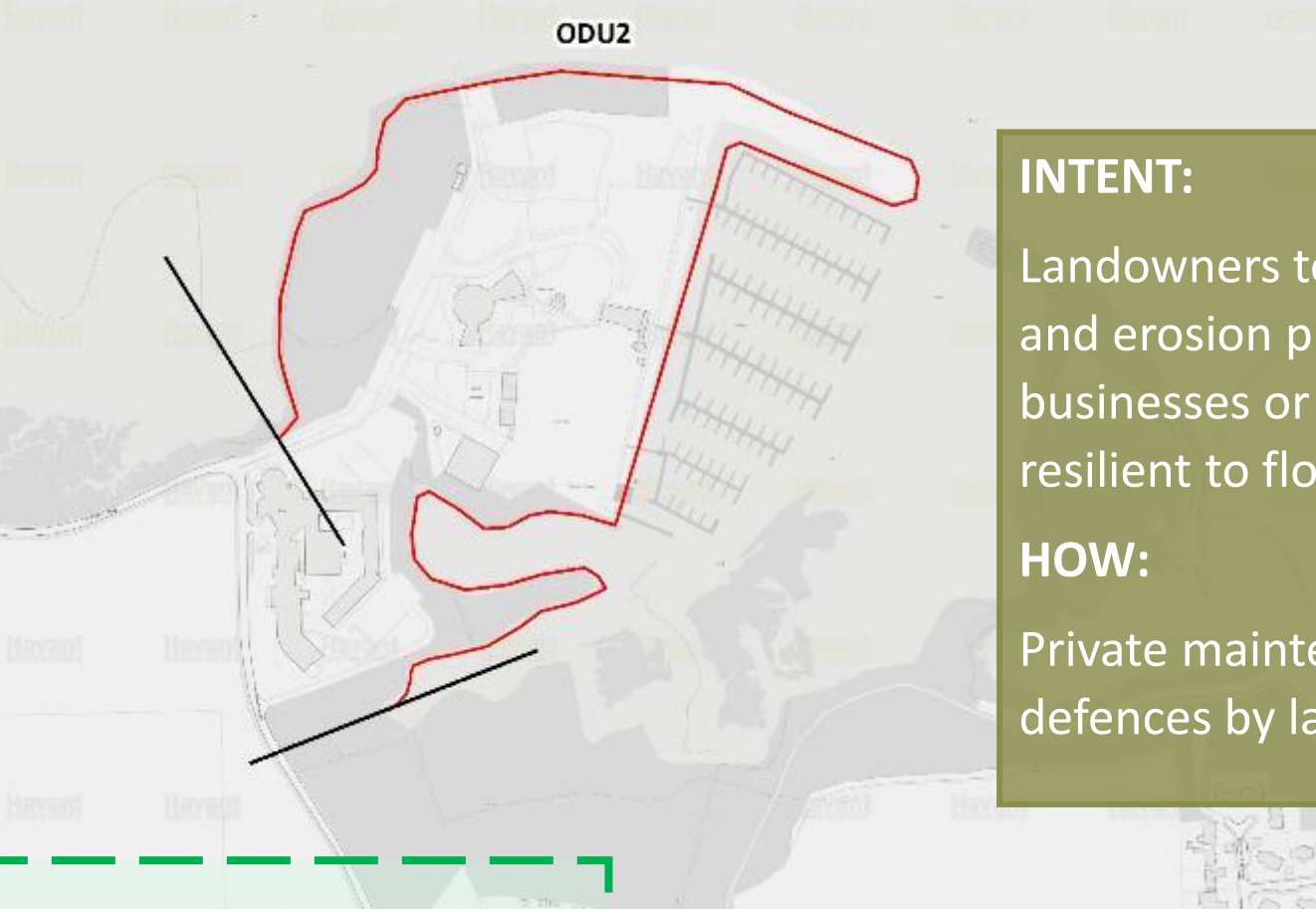
A/C: Reducing the impacts of the tide

B: Adapting to the tide

ODU	INTENT	HOW
ODU1a	Maintain the viability of Northney Road into the future as sea levels rise.	Construct new defences along the road and raise over time.
ODU1b	Maintain flood protection to properties while making space for nature by creating a more sustainable defence alignment into the future.	Construct new defences, maintain and raise over time.
ODU1c	Stop landfill eroding into the harbour into the future as sea levels rise.	Construct new defences, maintain and raise over time.



ODU 2: Northney Marina



INTENT:

Landowners to maintain their own flood and erosion protection to assets and businesses or adapt to become more resilient to flooding in the future.

HOW:

Private maintenance or replacement of defences by landowner or adaptation.

LEADING OPTION

Wider Objectives Option



Adapting to the tide

Short Term



Medium Term



Long Term



ODU 3: Northney Farm to Chichester Road

INTENT:

Maximise agricultural opportunities while making space for nature by creating a more sustainable defence alignment into the future.

HOW:

Construct new defences, maintain and raise over time.

Short Term



Medium Term



Long Term



LEADING OPTION

Cost Effective Option



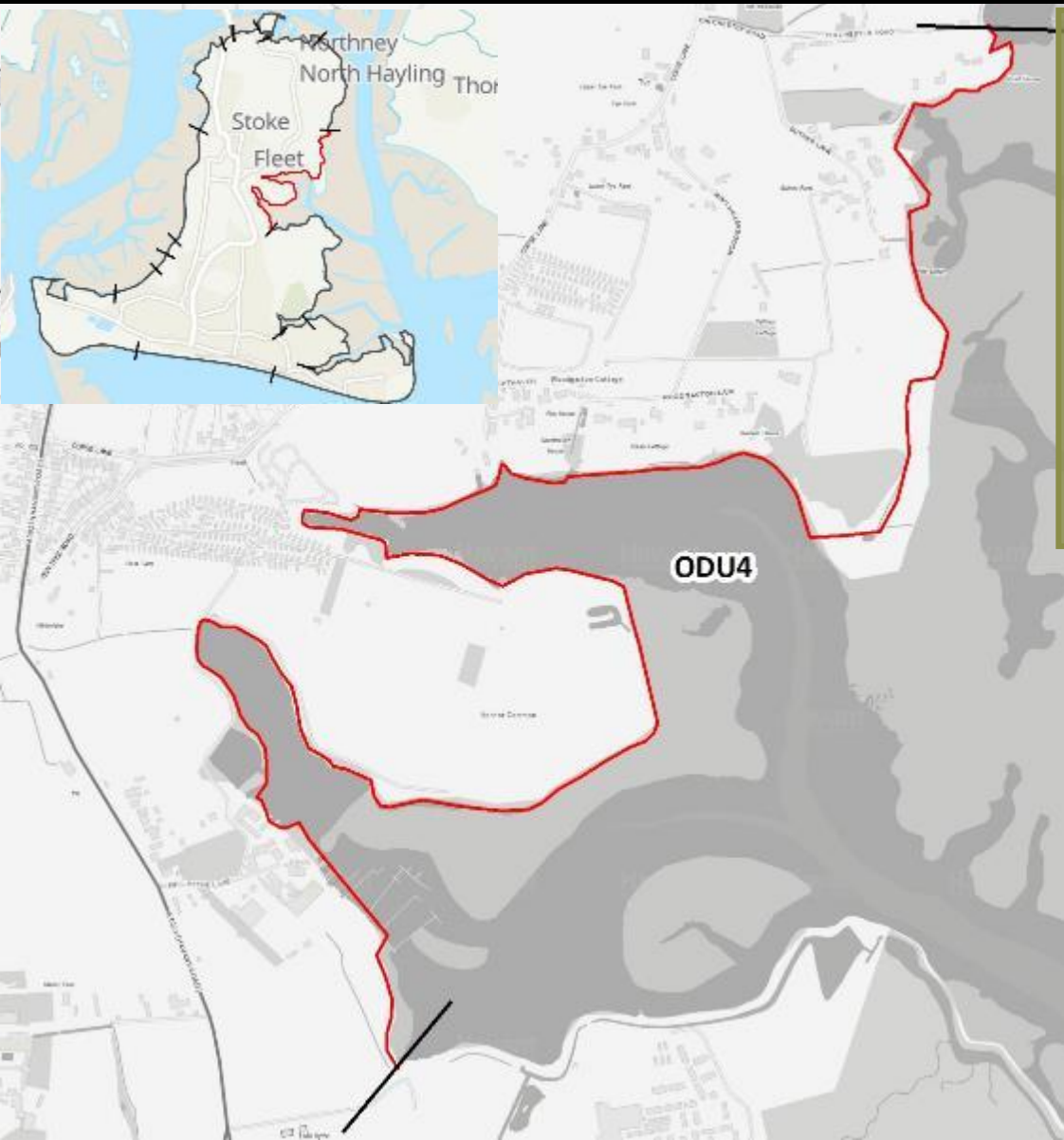
Wider Objectives Option



Adapting to the tide



ODU 4: Chichester Road to Mill Rythe Junior School



INTENT:

Landowners to maintain their flood and erosion protection to assets and businesses or adapt to become more resilient to flooding in the future.

HOW:

Private maintenance or replacement of defences by landowners or adaptation.

LEADING OPTION

Wider Objectives Option



Adapting to the tide

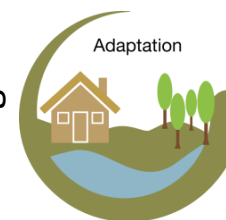
Short Term



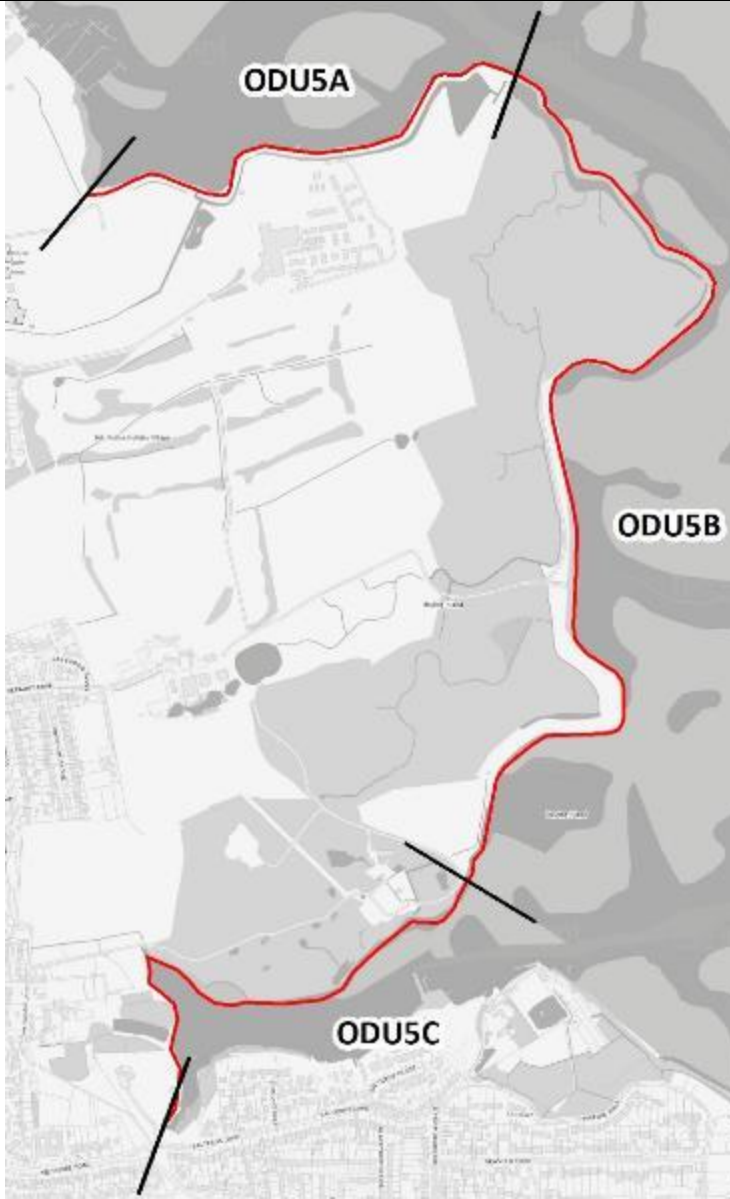
Medium Term



Long Term




ODU 5: Mill Rythe Junior School to Salterns Lane



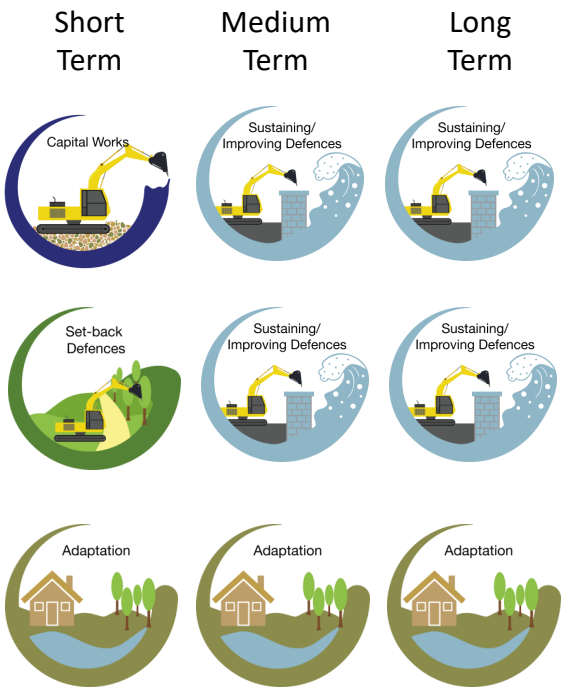
LEADING OPTION

Wider Objectives Option

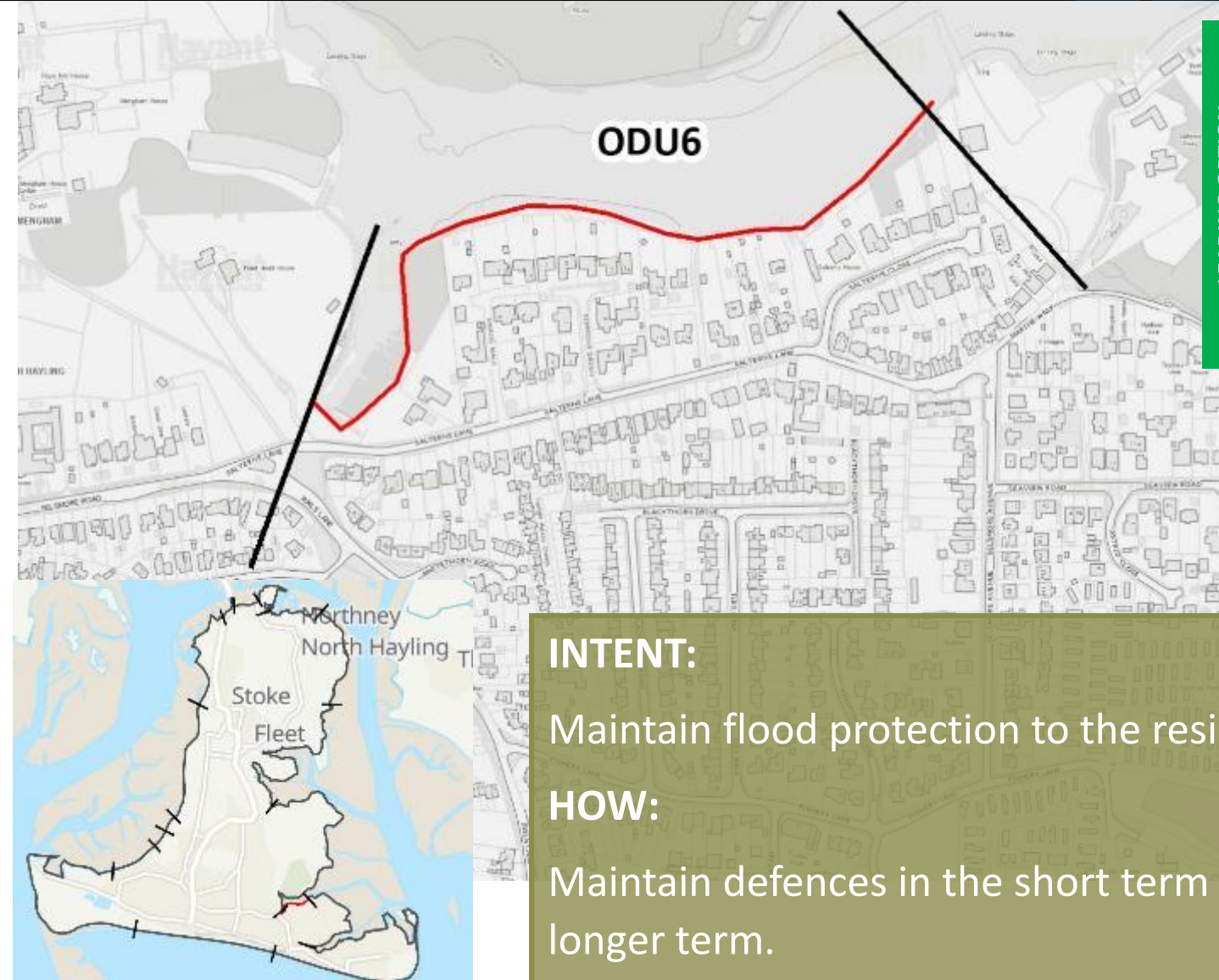


A/C: Reducing the impacts of the tide
B: Adapting to the tide

ODU	INTENT	HOW
ODU5 a	Maintain and improve flood protection to properties and businesses.	Construct new defences, maintain and raise over time.
ODU5 b	Make space for nature by creating a more sustainable defence alignment into the future.	Construct new defences, maintain and raise over time.
ODU5 c	Landowners to maintain their own flood and erosion protection to assets and businesses, or adapt to become more resilient in the future.	Private maintenance or replacement of defences by landowner or adaptation.



ODU 6: Salterns Lane to Wilsons Boat Yard



LEADING OPTION

Cost Effective Option
Wider Objectives Option

Reducing the impacts of the tide

Short Term Maintenance

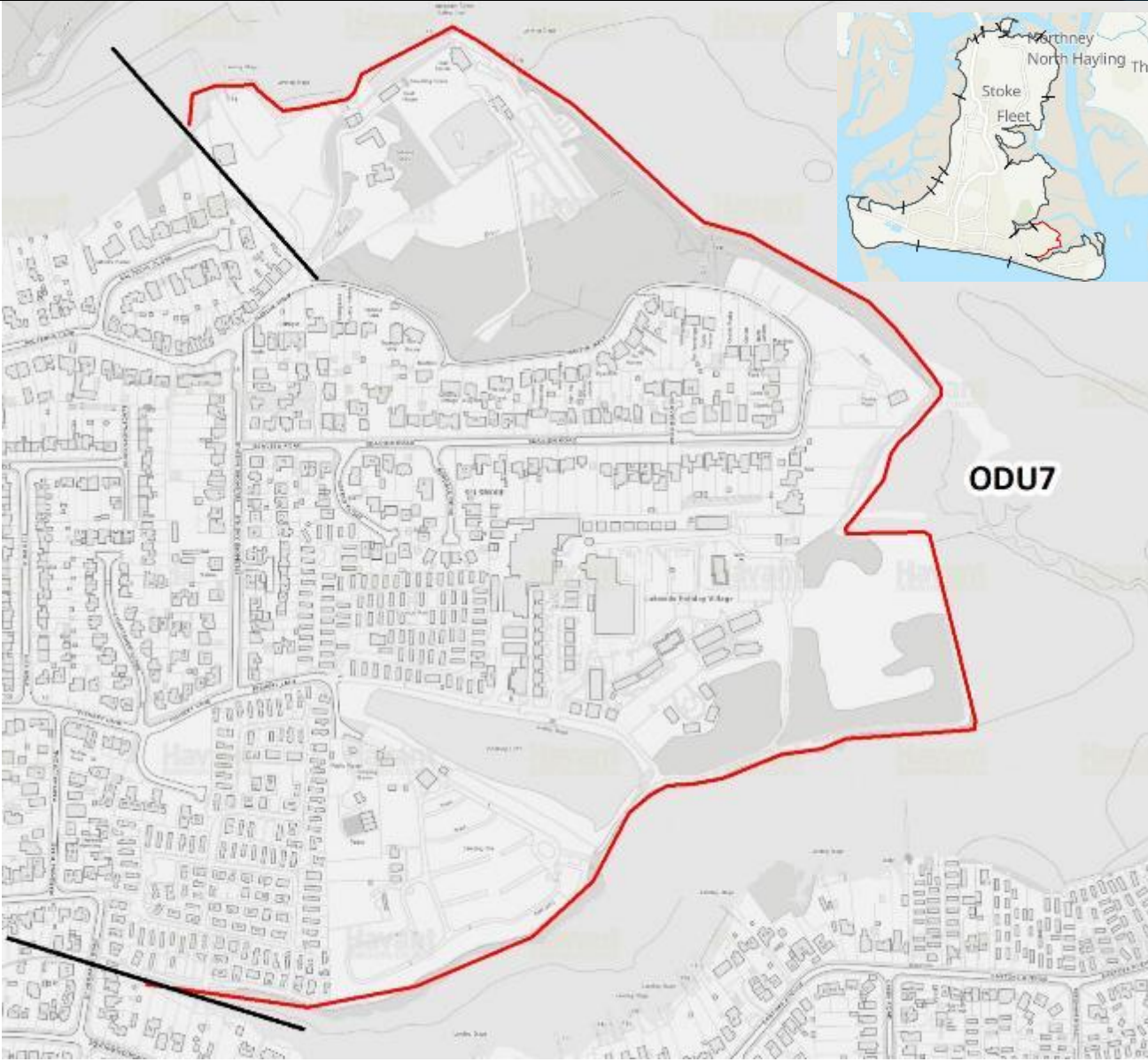
Medium Term Maintenance

Long Term Capital Works

INTENT:
Maintain flood protection to the residents, community and businesses at Selmore.

HOW:
Maintain defences in the short term then construct and maintain new defences in the longer term.

ODU 7: Wilsons Boat Yard to Fishery Creek



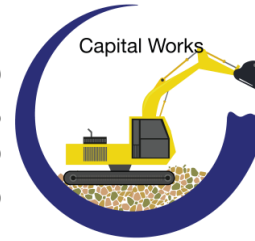
INTENT:

Maintain flood protection to the residents, community and businesses at Selsmore.

HOW:

Construct new defences, maintain and raise over time.

Short Term



Medium Term



Long Term



LEADING OPTION

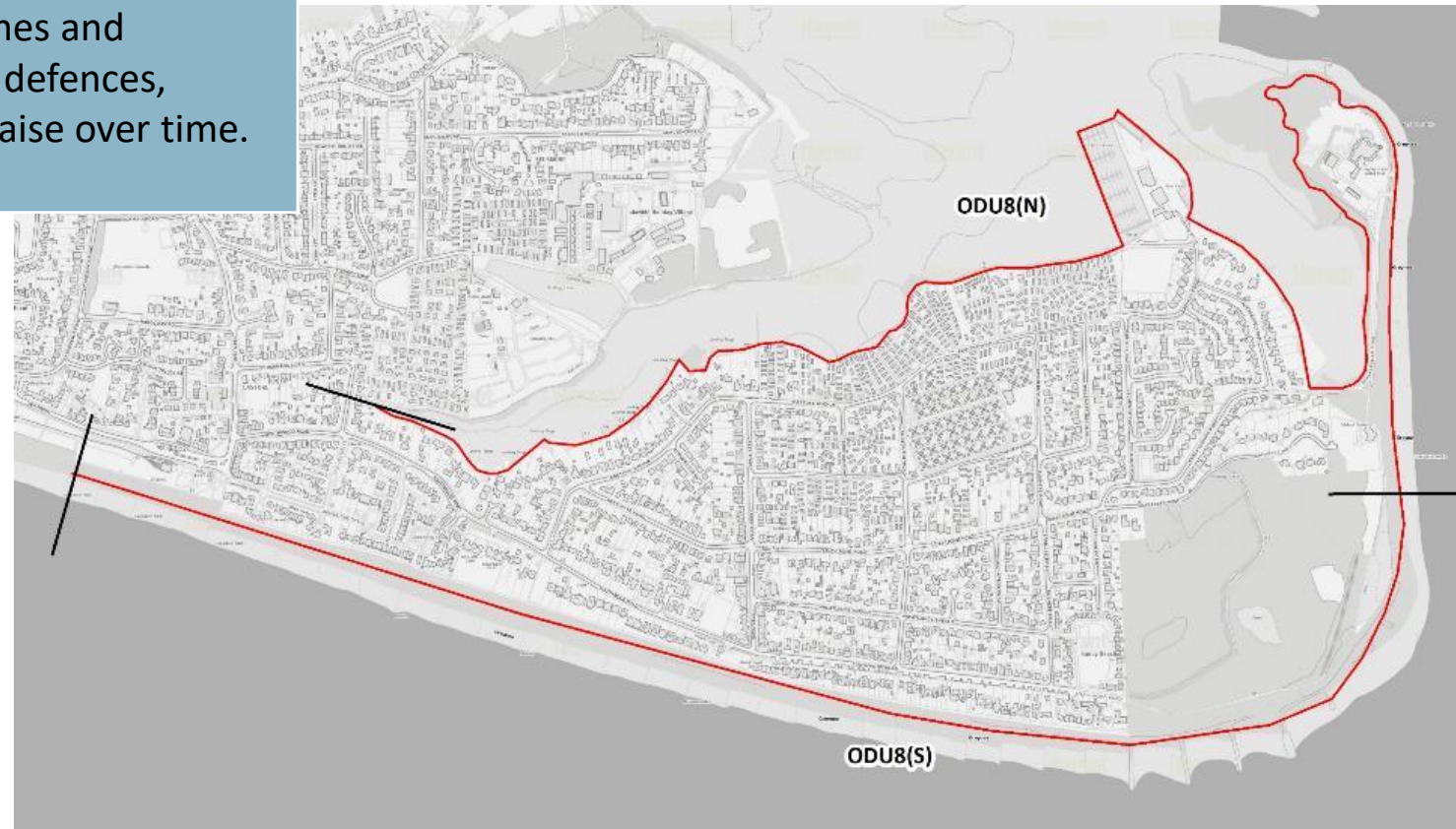
Cost Effective Option
Wider Objectives Option



Reducing the impacts of the tide


ODU 8: Eastoke

ODU	INTENT	HOW
ODU8 (N)	Maintain flood and erosion protection to residents, community and businesses at Eastoke.	Construct new defences, maintain and raise over time.
ODU8 (S)	Maintain a healthy beach alongside flood and erosion protection to residents, community and businesses at Eastoke.	Beach management alongside new rock groynes and construct new defences, maintain and raise over time.



LEADING OPTION

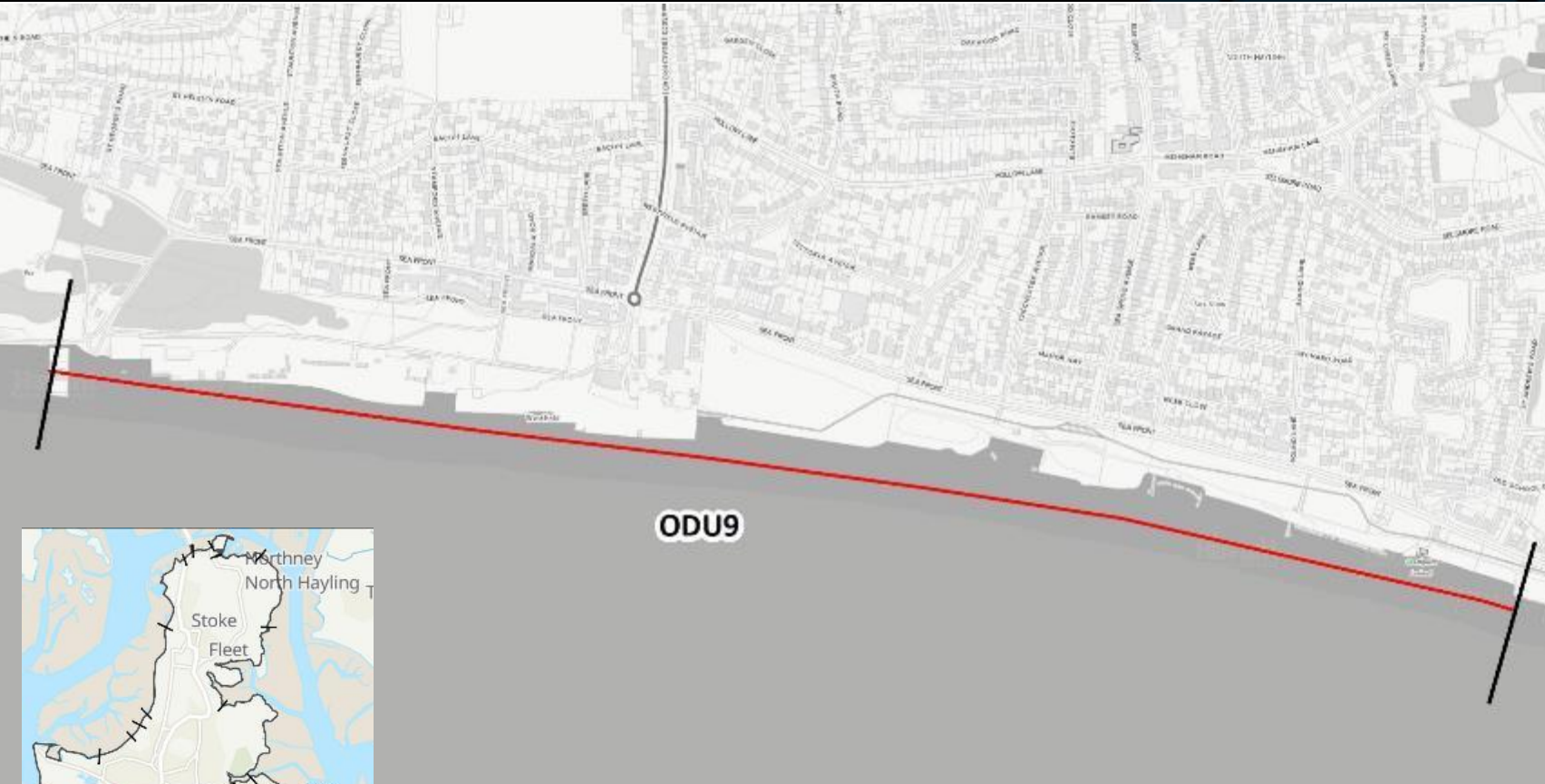
Wider Objectives Option



N&S: Reducing the impacts of the tide



ODU 9: Eastoke Corner to Inn on the Beach



INTENT:

Maintain a healthy beach alongside flood and erosion protection to residents, community and businesses along the seafront.

HOW:

Continue beach management, new rock groynes and construct new defences, maintain and raise over time.



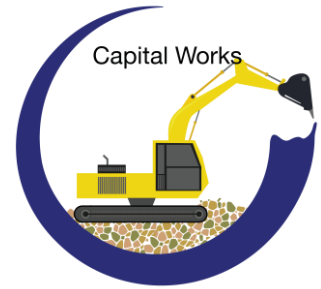
LEADING OBJECTIVES

Wider Objectives Option



Working with the tide

Short Term



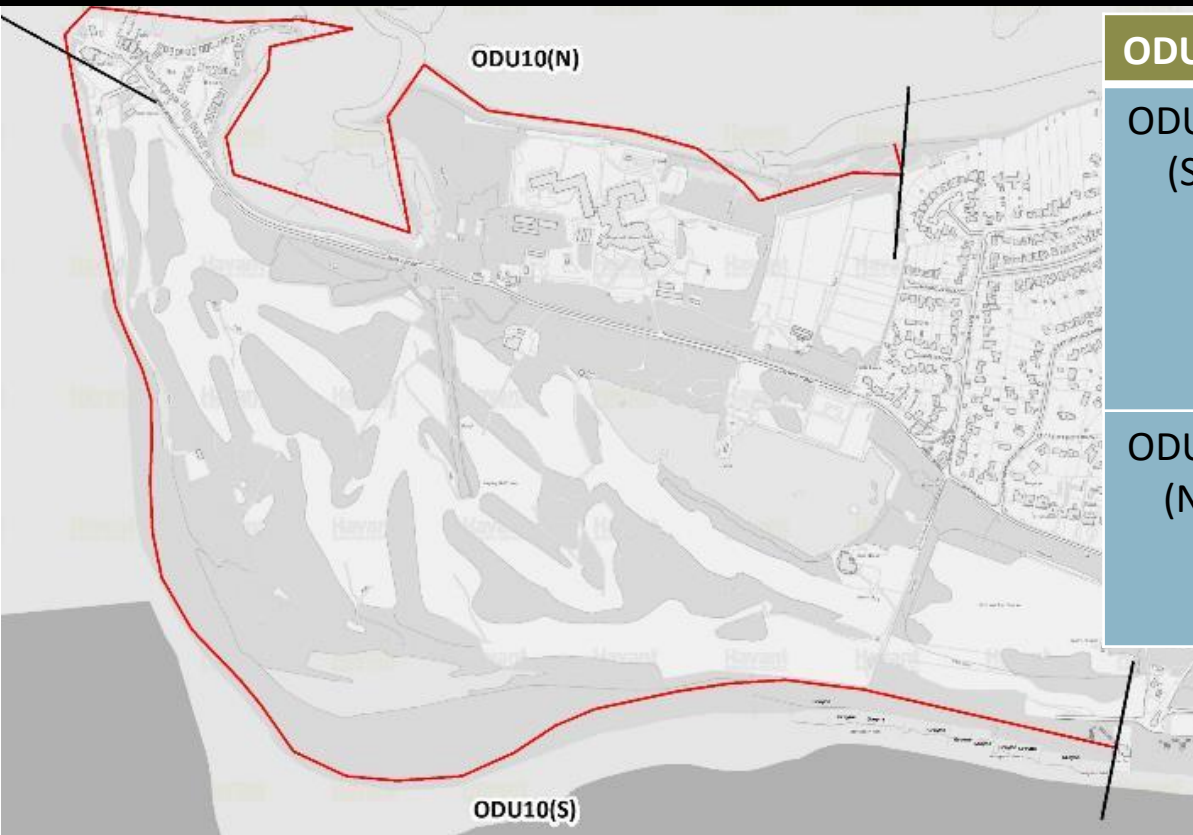
Medium Term



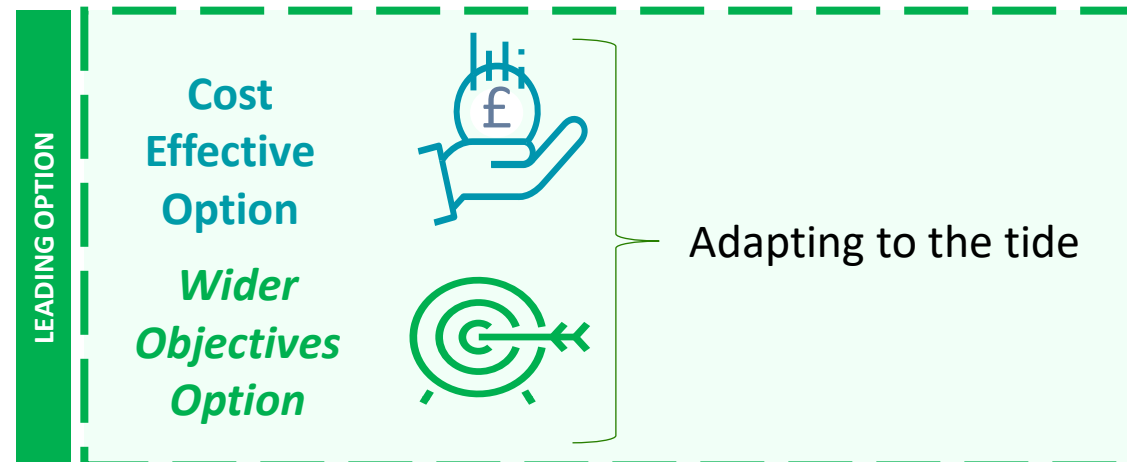
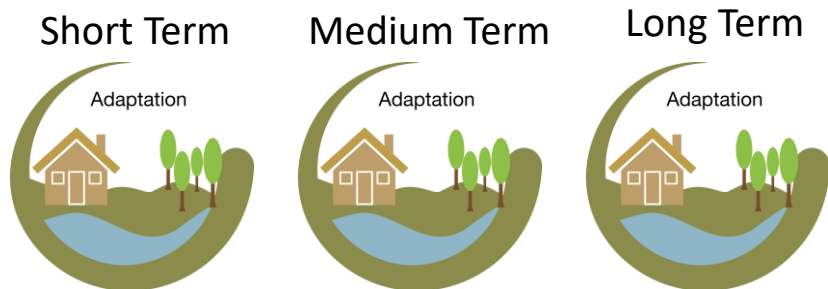
Long Term



ODU 10: Inn on the Beach to North Shore Road



ODU	INTENT	HOW
ODU10 (S)	Make space for nature while landowners maintain their flood and erosion protection to assets and businesses or adapt to become more resilient to flooding in the future.	Allow the coast to evolve as naturally as possible alongside private maintenance or replacement of defences or adaptation by landowners.
ODU10 (N)	Landowners to maintain their flood and erosion protection to assets and businesses or adapt to become more resilient to flooding in the future.	Private maintenance or replacement of defences by landowners or adaptation.



ODU 11: North Shore Road



ODU11

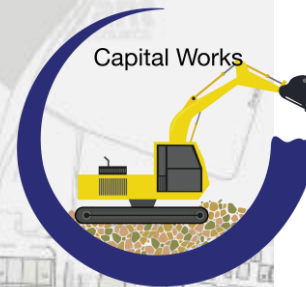
INTENT:

Maintain flood and erosion protection to residents.

HOW:

Construct new defences in stages, maintain and raise.

Short Term



Medium Term



Long Term



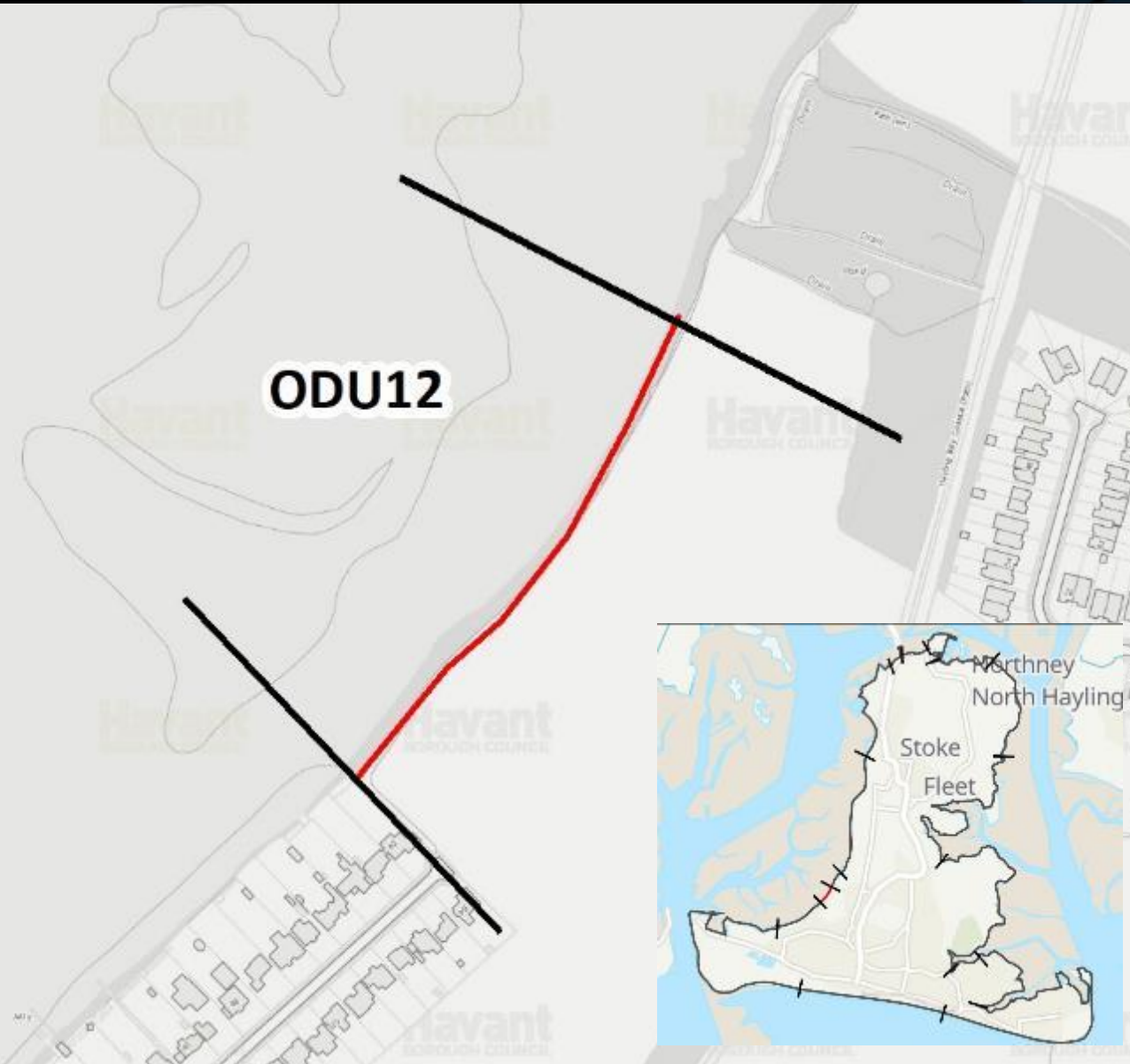
LEADING OPTION

Wider
Objectives
Option



Reducing the impacts
of the tide

ODU 12: North Shore Road to Newtown



INTENT:

Make space for nature.

HOW:

Do nothing.

Short Term



Medium Term



Long Term



LEADING OPTION

Cost
Effective
Option

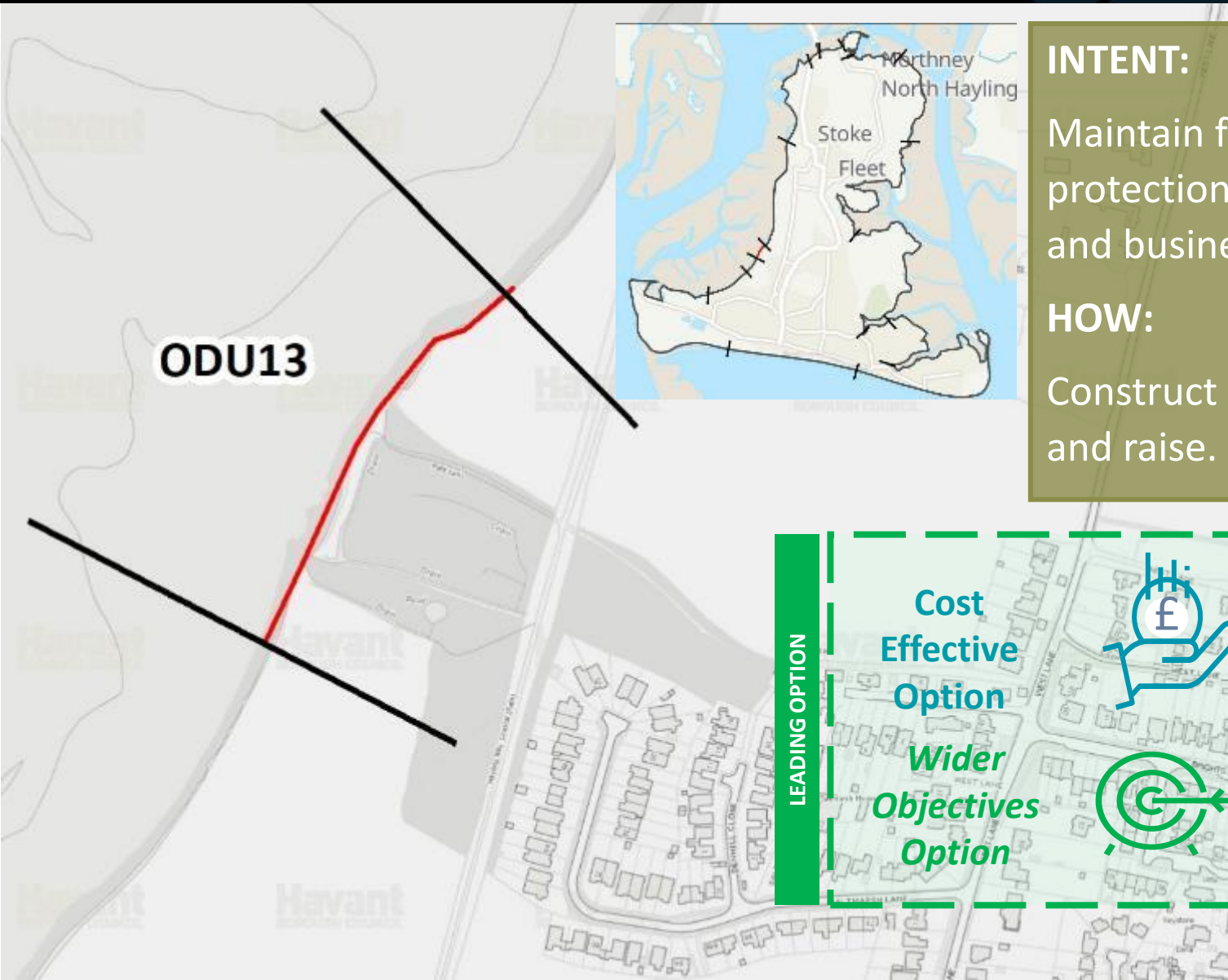


Wider
Objectives
Option



Accepting the tide

ODU 13: Newtown





INTENT:
Maintain flood and erosion protection to residents, community and businesses at Newtown.

HOW:
Construct new defences, maintain and raise.

LEADING OPTION

Cost Effective Option
Wider Objectives Option

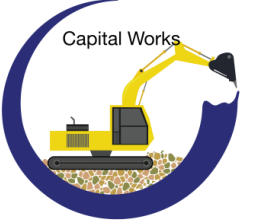


Reducing the impacts of the tide

Short Term



Medium Term



Long Term



ODU 14: Newtown to Stoke



INTENT:
Make space for nature.

HOW:
Do nothing, but consider realigning sections of the Hayling Billy Trail to maintain access.



Short Term

Medium Term

Long Term



LEADING OPTION

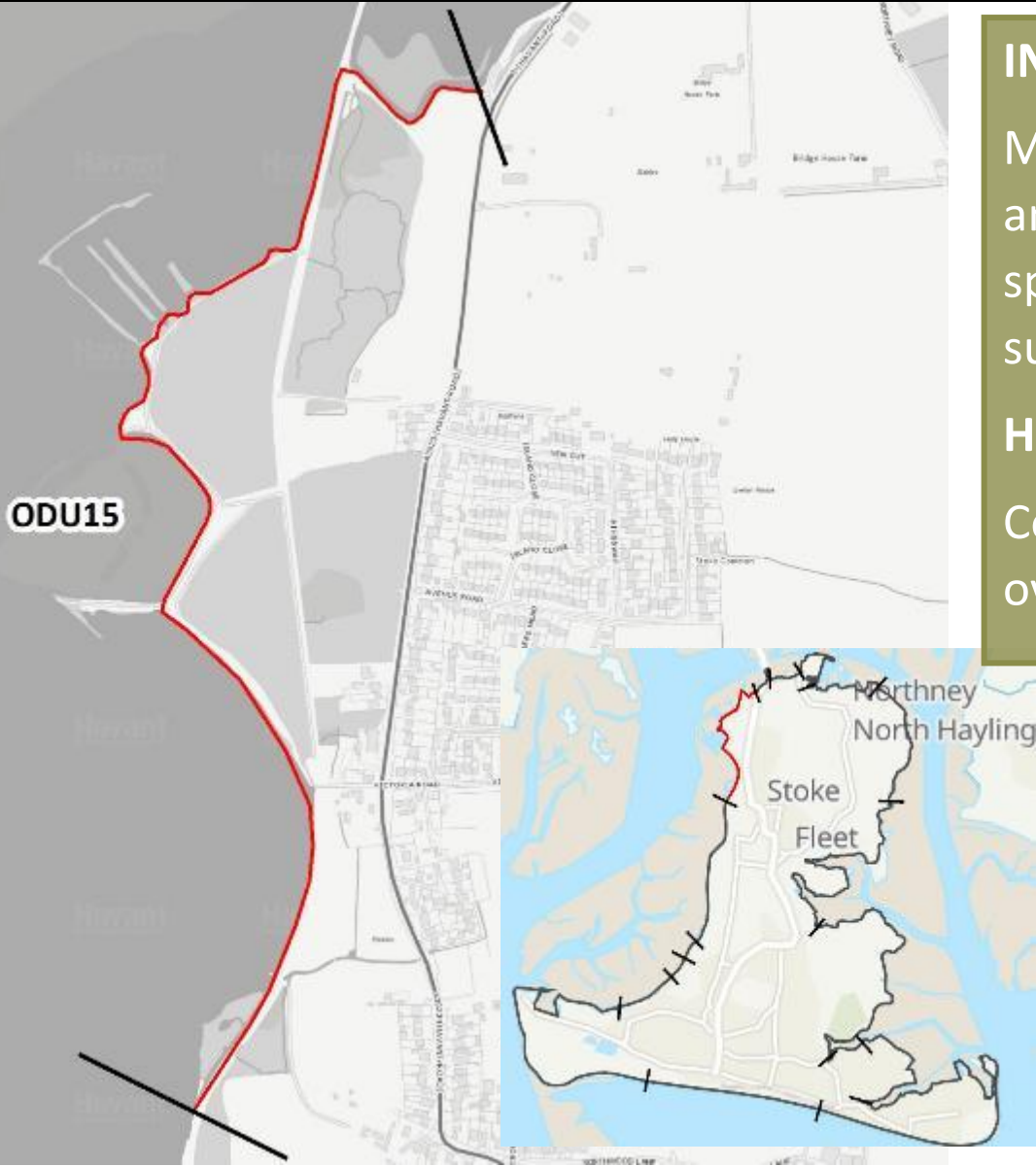
Cost Effective Option

Wider Objectives Option



Accepting the tide

ODU 15: Stoke to Langstone Bridge Carpark



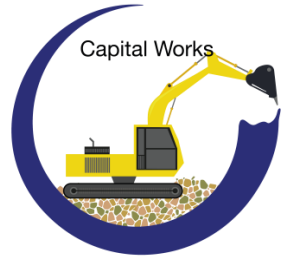
INTENT:

Maintain the viability of the Hayling Billy Trail and the community at Stoke while making space for nature by creating a more sustainable defence alignment into the future.

HOW:

Construct new defences, maintain and raise over time.

Short Term



Medium Term



Long Term



LEADING OPTION

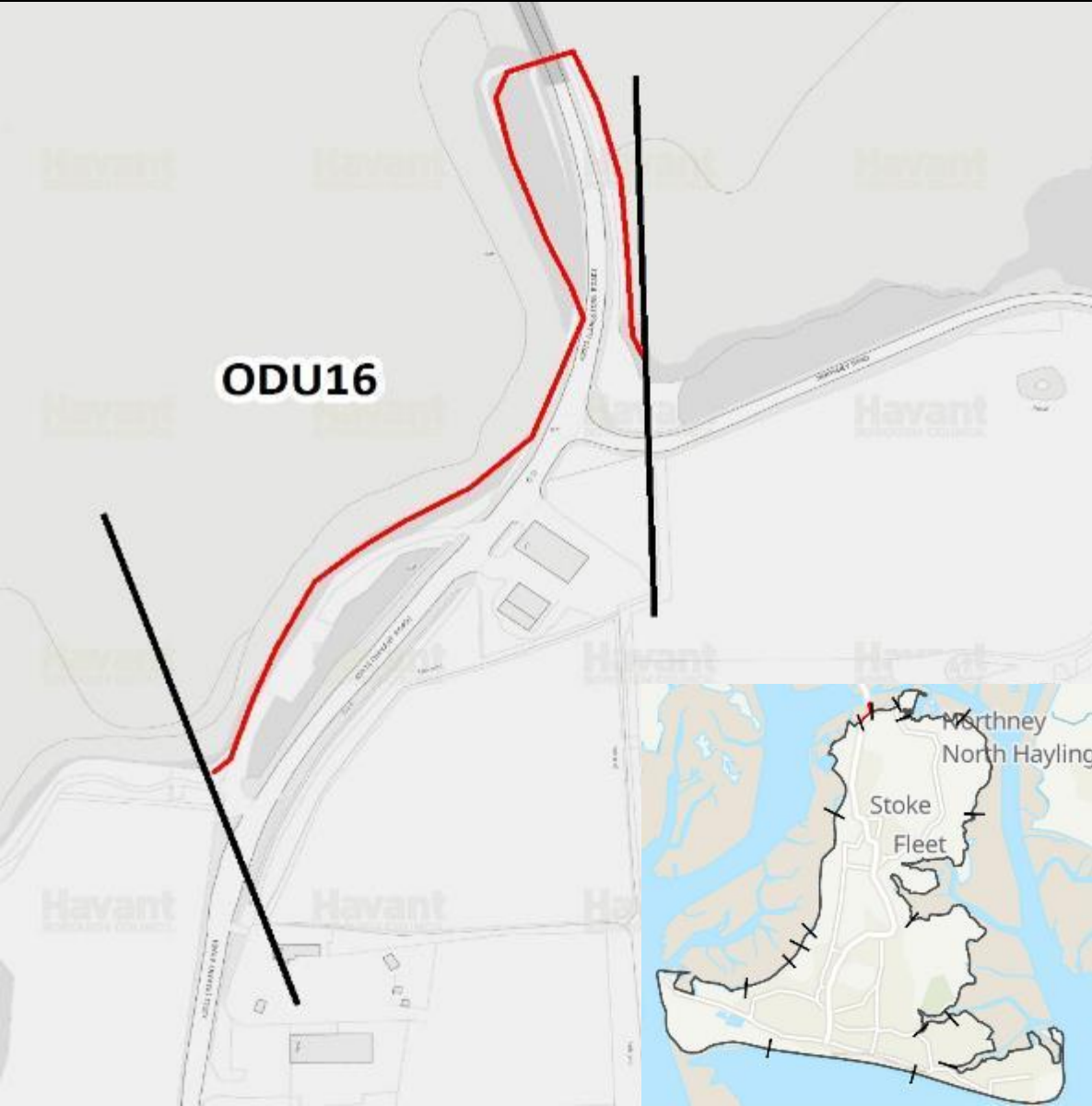
Cost Effective Option

Wider Objectives Option



Adapting to the tide

ODU 16: Langstone Bridge Carpark to Langstone Bridge



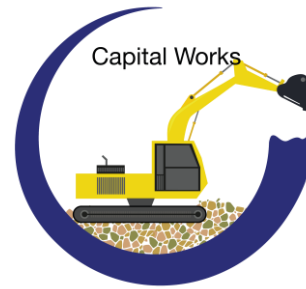
INTENT:

Maintain the viability of the A3023 into the future as sea levels rise.

HOW:

Construct new defences, maintain and raise over time.

Short Term



Medium Term



Long Term



LEADING OPTION

*Wider
Objectives
Option*



Reducing the impacts
of the tide



Questions?

Public Consultation



Provisional dates: October – December 2022

Key activities proposed:

- 2 no. Public Exhibition events across island. Opportunity to link with other HBC initiatives (i.e. local plan engagement).
- Various static displays at key community sites on the island.
- Development of strategy summary documents.
- Virtual platform to display information and capture feedback.
- Feedback surveys.
- Social media campaigns.



- ❖ Northney Recreation Hall, **Monday 17 October** (14.00 – 17.00)
- ❖ South Hayling United Reformed Church, **Wednesday 19 October** (16.00 – 19.30)

ODU 11: North Shore Road

Intent: Maintain flood and erosion protection to residents.
Leading Option: Reducing the impacts of the tide.
How: Construct new defences in stages, maintain and raise to keep pace with sea level rise.



ODU 12: North Shore Road to Newtown

Intent: Make space for nature.
Leading Option: Accepting the tide.
How: Allowing the coast to evolve naturally, no active management.



ODU 13: Newtown

Intent: Maintain flood and erosion protection to residents, community and businesses at Newtown.
Leading Option: Reducing the impacts of the tide.
How: Maintain in the short term, construct new defences in the medium term, maintain and raise to keep pace with sea level rise.



ODU 14: Newtown to Stoke

Intent: Make space for nature.
Leading Option: Accepting the tide.
How: Do nothing, but consider realigning sections of the Hayling Billy Trail to maintain access.



ODU 15: Stoke to Langstone Bridge Car Park

Intent: Maintain the viability of the A3023 into the future as sea levels rise.
Leading Option: Reducing the impacts of the tide.
How: Construct new defences to a 1 in 200 year standard, maintain and raise over time to keep pace with sea level rise.



ODU 16: Langstone Bridge Car Park to Langstone Bridge

Intent: Maintain the viability of the A3023 into the future as sea levels rise.
Leading Option: Reducing the impacts of the tide.
How: Construct new defences to a 1 in 200 year standard, maintain and raise over time to keep pace with sea level rise.



Draft Strategy for West Hayling

ODU 11: North Shore Road

Intent: Maintain flood and erosion protection to residents.
Leading Option: Reducing the impacts of the tide.
How: Construct new defences in stages, maintain and raise to keep pace with sea level rise.



ODU 12: North Shore Road to Newtown

Intent: Make space for nature.
Leading Option: Accepting the tide.
How: Allowing the coast to evolve naturally, no active management.



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Intent: Maintain flood and erosion protection to residents, community and businesses at Newtown.
Leading Option: Reducing the impacts of the tide.
How: Maintain in the short term, construct new defences in the medium term, maintain and raise to keep pace with sea level rise.



ODU 15: Stoke to Langstone Bridge Car Park

Intent: Maintain the viability of the A3023 into the future as sea levels rise.
Leading Option: Reducing the impacts of the tide.
How: Construct new defences to a 1 in 200 year standard, maintain and raise over time to keep pace with sea level rise.



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Leading Option: Accepting the tide.
How: Do nothing, but consider realigning sections of the Hayling Billy Trail to maintain access.



ODU 16: Langstone Bridge Car Park to Langstone Bridge

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Leading Option: Reducing the impacts of the tide.
How: Construct new defences to a 1 in 200 year standard, maintain and raise over time to keep pace with sea level rise.



For full details on the draft strategy, scan here:



Next Steps



Consultation on the new local plan



- The first stage in the preparation of Havant's new local plan
- The consultation focuses on the key issues which the plan will need to address
- Consultation will take place from 3 October to 14 November
- A series of exhibitions will be taking place across the Borough, the exhibition on Hayling Island will be on 11 October from 1500-1900 at the United Reform Church.
- The consultation material and links to the response will be at www.havant.gov.uk/localplan. The material and response forms will be available at the exhibitions and officers can help residents respond if they wish.

Thank you!

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

Website: coastalpartners.org.uk

Project Webpage: <https://coastalpartners.org.uk/project/hayling-island-coastal-management-strategy-2120/>

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