

Date: Thursday, 27 February 2025
Time: 1.30pm
Meeting Room: Upper Harbour Local Board Office
Venue: 6-8 Munroe Lane
Albany
Auckland 0632

Upper Harbour Local Board Workshop

OPEN AGENDA

MEMBERSHIP

Chairperson	Anna Atkinson	
Deputy Chairperson	Uzra Casuri Balouch, JP	
Members	Callum Blair	Kyle Parker
	John Mclean	Sylvia Yang

Max Wilde
Democracy Advisor (Upper Harbour Local Board)

21 February 2025

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2	Te Whakapuaki i te Whai Pānga Declaration of Interest	2
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Agenda Items

1 Ngā Tamōtanga | Apologies

At the close of the agenda no apologies had been received.

2 Te Whakapuaki i te Whai Pānga | Declaration of Interest

Members are reminded of the need to be vigilant to stand aside from decision making when a conflict arises between their role as a member and any private or other external interest they might have.

Local Board Workshop

File No.: CP2025/00910

- Note 1: This workshop has been called by the chairperson in consultation with the staff.
- Note 2: No working party/workshop may reach any decision or adopt any resolution unless specifically delegated to do so.

Te take mō te pūrongo **Purpose of the report**

1. To present the Upper Harbour Local Board workshop agenda for 27 February 2025.

Whakarāpopototanga matua **Executive summary**

2. Most workshops are open to the public to attend as observers in person or online.
3. Some sessions may not be open to the public. The staff decide which sessions are open to the public, depending on the sensitivity of the information being discussed. If a session is not open, a reason will be provided below.
4. Email UpperHarbourlocalboard@aucklandcouncil.govt.nz for a link to join the workshop online. The public can observe the workshop on via MS Teams.
5. Local Board workshops provide an opportunity for local boards to carry out their governance role in the following areas:
 - a) Accountability to the public
 - b) Engagement
 - c) Input to regional decision-making
 - d) Keeping informed
 - e) Local initiative / preparing for specific decisions
 - f) Oversight and monitoring
 - g) Setting direction / priorities / budget.
6. Workshops do not have decision-making authority.
7. Workshops are used to canvass issues, prepare local board members for upcoming decisions and to enable discussion between elected members and staff.
8. Members are respectfully reminded of their Code of Conduct obligations with respect to conflicts of interest and confidentiality.

9. The following will be covered in the workshop:

Session 1 (1330 – 1415)

Shoreline Adaptation Plans: Weiti Estuary to Devonport Peninsula and Waitemata Harbour

Presenters: **Yasmin Hall**, Relationship Advisor, Resilience and Infrastructure.
Sage Vernall, Senior Coastal Adaptation Specialist and Tranche Lead, Resilience and Infrastructure.
Lara Clarke, Shoreline Adaptation Plan Programme Lead and Principal Coastal Adaptation Specialist, Resilience and Infrastructure.


Governance role: Keeping Informed.

Proposed Outcome/s: Define local board position and feedback.

Attachments: 1 a) Adaptation strategies and optional feedback table.
1 b) Shoreline Adaptation Plans presentation.


Ngā tāpirihanga Attachments

No.	Title	Page
A	1 a) Adaptation strategies and optional feedback table.	5
B	1 b) Shoreline Adaptation Plans presentation.	15




Waitematā Harbour West Shoreline Adaptation Plan

Supporting Information for the
Upper Harbour Local Board
Workshop: Adaptation
Strategies & Optional
Feedback Table



February 2025

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Purpose of this pdf:

The information conveyed in this document has been pulled together as supporting material for the Upper Harbour Local Board Workshop: Updates on the Waitemata Harbour West Shoreline Adaptation Plan (February 2025).

It is intended that Upper Harbour Local Board members will be able to use this document as:

- 1) A refresher on what the four different coastal adaptation strategies are/ mean within the Shoreline Adaptation Plan Program (reference point)
- 2) An advanced copy of the proposed coastal adaptation strategies for units within the Upper Harbour Local Board area (within the Waitemata Harbour West SAP) to help guide any questions and provide a platform for feedback should members wish to use it.

Units within the Upper Harbour Local Board area include:

- Unit 5: Upper Harbour and Greenhithe
- Unit 6: Lucas Heights and Paremoremo
- Unit 9: Whenuapai
- Unit 10: Herlad Island
- Unit 11: Honbsonville and West Harbour

Please be aware that the AC SAP team will discuss strategies and key considerations during the upcoming February workshop. If members would like to provide feedback, they can do so either during the workshop or by adding comments in the table below (please return the document to RA if feedback is provided via this document).

Coastal Adaptation Strategies: Supporting Information

The purpose of the Shoreline Adaptation Programme (SAPS) is to identify how Auckland Council-owned land, assets and infrastructure can be managed to adapt to the impacts of coastal hazards and climate change over the next 100 years. Different adaptation strategies will be needed over time for different parts of the coast depending on levels of risk, exposure, and the types of assets present in each area.

Strategies are split across the short, medium and long term to reflect the fact that exposure and therefore risk will change over time, necessitating flexibility to change as required over time. Timeframes presented are indicative only and transitions between strategies will be in response to identified changes in conditions over time (i.e. signals, triggers and thresholds).

Descriptions of adaptation strategies are further described in the table below

Table 1. Adaptation strategies

Adaptation strategy	Description
No Active Intervention	<p>Natural processes are allowed to continue with No Active Interventions to protect or maintain assets and infrastructure from climate related risks.</p> <p>Includes no investment in the provision or maintenance of any hazard protection structures associated with coastal hazards and flood protection (does not apply to the management of land stability or subsidence or other hazard risk management).</p> <p>This strategy is identified for areas of the coastline where Auckland Council-owned assets are not exposed/vulnerable to coastal hazard and catchment flooding risk within a particular time frame.</p> <p>This approach is the preferred strategy where Auckland Council assets are appropriately located out of the hazard zone and are not at immediate risk within the relevant time scale.</p>
Limited Intervention	<p>Generally focussed on maintaining and making safe, assets and infrastructure that are at risk.</p> <p>Works may be undertaken to repair existing protection structures for the purpose of extending the asset's life.</p> <p>Works may support localised realignment of individual asset classes.</p> <p>Does not support a fixed coastline.</p>
Adaptation Priority Area	<p>Assets and land uses are relocated or realigned from hazard-prone areas to reduce risk to assets and maintain identified values (ecological, cultural, recreational etc).</p> <p>Relocation is planned and undertaken proactively over time.</p> <p>Planning to retreat or relocate assets and land uses are responsive to community, cultural and ecological opportunities needs and aspirations.</p> <p>Supports opportunity for nature-based solutions, and maintenance of coastal values.</p>
Hold The Line	<p>The coastal edge is fixed at a certain location.</p>

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	<p>Defence of the coastal edge may be through nature-based options (e.g. beach nourishment) or engineered hard structures (e.g. sea walls) to protect structures from climate risks associated with coastal erosion, or to reduce inundation exposure.</p> <p>Nature-based options are the preferred method where possible, but in most cases engineered hard structures would be required.</p> <p>An identified use or service is maintained within its existing location, e.g. a road is maintained in a fixed location or parks, land uses are maintained in an existing location.</p> <p>This approach could result in losing some intertidal areas or beach space due to preventing a landward realignment of the coast in response to sea level rise.</p> <p>This approach is reserved for when critical assets are at risk that cannot be easily relocated.</p> <p>This approach may not be feasible in high hazard exposure zones.</p>
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Attachment A

Summary of adaptation strategies: Upper Harbour Local Board Area

Summary of adaptation strategies for **Waitematā Harbour West Unit 5, 6, 9, 10, 11**

The table below lists the adaptation strategies that have been selected for Unit 5, 6, 9, 10, 11 of the Waitematā Harbour West SAP area, sitting within the wider Upper Harbour Local Board Area.

For all Auckland Council owned land and asset across the wider Waitemata Harbour West SAP, the Shoreline Adaptation Plan has considered the following:

- Are the assets / land / infrastructure damaged when exposed?
- Are the assets / land / infrastructure moveable? If so, within close proximity?
- Is there a functional need for the asset / land / infrastructure to be located at the coast?
- Consider the social, cultural and ecological context alongside any community feedback to date to identify any potentially unacceptable outcomes or inconsistencies and adjust if required.
- Evaluate the suitability of any coastal protection structures and their potential ability to reduce risk.
- Select the adaptation strategy for each time frame which best aligns with principles for decision-making, based on the above questions and specific local context.

Please note that the rationale for these strategies is described in further detail in the final SAP report and in the upcoming local board workshop with the Upper Harbour Local Board.

If members would like to provide feedback, they can do so either during the workshop or by adding comments in the table below (please return the document to RA if feedback is provided via this document).

TABLE LEGEND	
Adaptation strategy	Colour/acronym
No Active Intervention	NAI
Limited Intervention	LI
Hold the Line	HTL
Adaptation Priority Area	APA

Table 1: Summary of adaptation strategies for Units within the Upper Harbour Local Board area (with feedback column)

Unit	Stretch	Adaptation Strategy			Feedback/ comment (if any)
		Short-term	Medium-term	Long-term	
5 – Upper Harbour and Greenhithe	5.1 Oruamo / Hellyer Creek	NAI	NAI	NAI	
	5.2 Greenhithe: Marae Road	LI	LI	LI	
	5.3 Rahui Road	HTL	LI	APA	
	5.4 Greenhithe: Rame Road	NAI	NAI	NAI	
	5.5 Rame Road Boat Access	HTL	HTL	HTL	
	5.6 Greenhithe Coastal Reserves	LI	APA	APA	
	5.7 Greenhithe North	NAI	NAI	NAI	

Unit	Stretch	Adaptation Strategy			Feedback/ comment (if any)
		Short-term	Medium-term	Long-term	
	5.8 Te Wharau Creek	LI	LI	LI	
	5.9 Schnapper Rock	NAI	NAI	NAI	
	5.10 Schnapper Rock North Wharepapa	LI	LI	LI	
	5.11 Golf Course and North	NAI	NAI	NAI	
	5.12 Lucas Creek (Albany Village)	LI	LI	LI	
	6 – Lucas Heights and Paremoremo	6.1 Lucas Heights	NAI	NAI	NAI
	6.2 Attwood Reserve Wharf	HTL	LI	LI	
	6.3 Chatham Reserve and West	NAI	NAI	NAI	
	6.4 Sanders Reserve	LI	LI	LI	
	6.5 Paremoremo West	NAI	NAI	NAI	

Unit	Stretch	Adaptation Strategy			Feedback/ comment (if any)
		Short-term	Medium-term	Long-term	
9 - Whenuapai	9.1 Brigham Creek to Karaka Road	LI	LI	LI	
	9.2 Karaka Road to Herald Island	LI	LI	LI	
	9.3 Herald Island Causeway South	NAI	NAI	NAI	
	9.4 Reclamation and Highway	HTL	HTL	HTL	
10 – Herald Island	10.1 Herald Island Causeway North and Kingsway Reserve	HTL	HTL	HTL	
	10.2 Island North West	NAI	NAI	NAI	
	10.3 The Landing	LI	LI	LI	
	10.4 Christmas Beach	HTL	HTL	APA	
	10.5 Island North	NAI	NAI	NAI	
	10.6 Herald Island Wharf	HTL	HTL	HTL	

Unit	Stretch	Adaptation Strategy			Feedback/ comment (if any)
		Short-term	Medium-term	Long-term	
	10.7 Herald Island South	NAI	NAI	NAI	
	10.8 Herald Island Causeway South and Kingsway Reserve	HTL	HTL	HTL	
11 – Hobsonville and West Harbour	11.1 Hobsonville North to Wharf Area	LI	LI	LI	
	11.2 Hobsonville Wharf	HTL	HTL	HTL	
	11.3 Hobsonville South	LI	LI	LI	
	11.4 Scotts Point	LI	LI	LI	
	11.5 Scotts Road South	HTL	HTL	HTL	
	11.6 Limeburners Bay	LI	LI	LI	
	11.7 Wisely Road, West Harbour Hobsonville	NAI	NAI	NAI	
	11.8 West Harbour Marina	HTL	HTL	HTL	

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Unit	Stretch	Adaptation Strategy			Feedback/ comment (if any)
		Short-term	Medium-term	Long-term	
	11.9 Waipareira Bay (Luckens Point)	LI	LI	LI	
	11.10 West Harbour	LI	LI	LI	

Attachment A



Shoreline Adaptation Plans: Waitematā Harbour West

Upper Harbour Local Board Workshop: February 2025

Shoreline Adaptation Plans

Today's workshop

Purpose: update the Board on the Waitemata Harbour West SAP progress and next steps

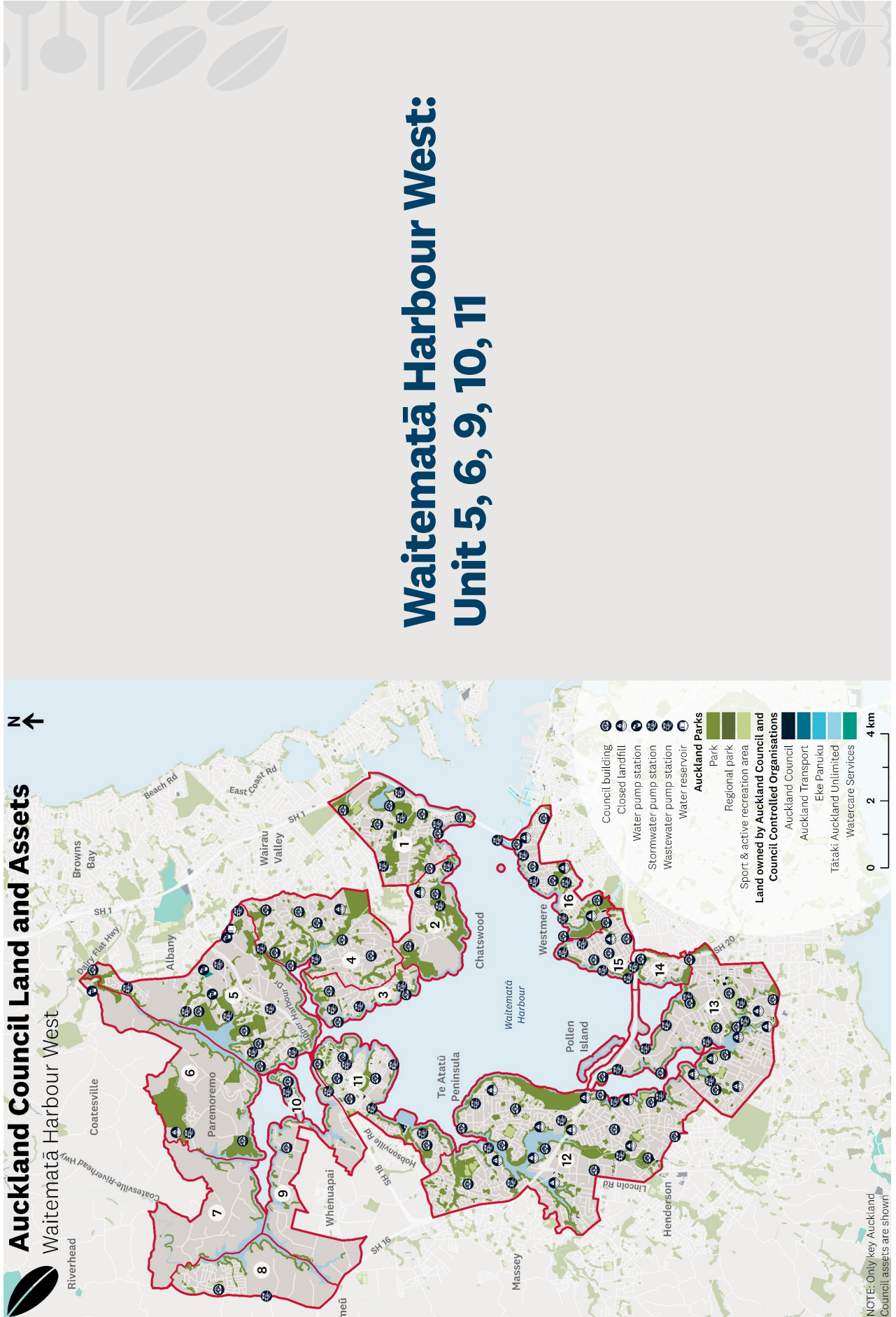
1. Engagement update: what have we heard?
2. DRAFT strategies: updates & discussion
3. Next steps/timeframes

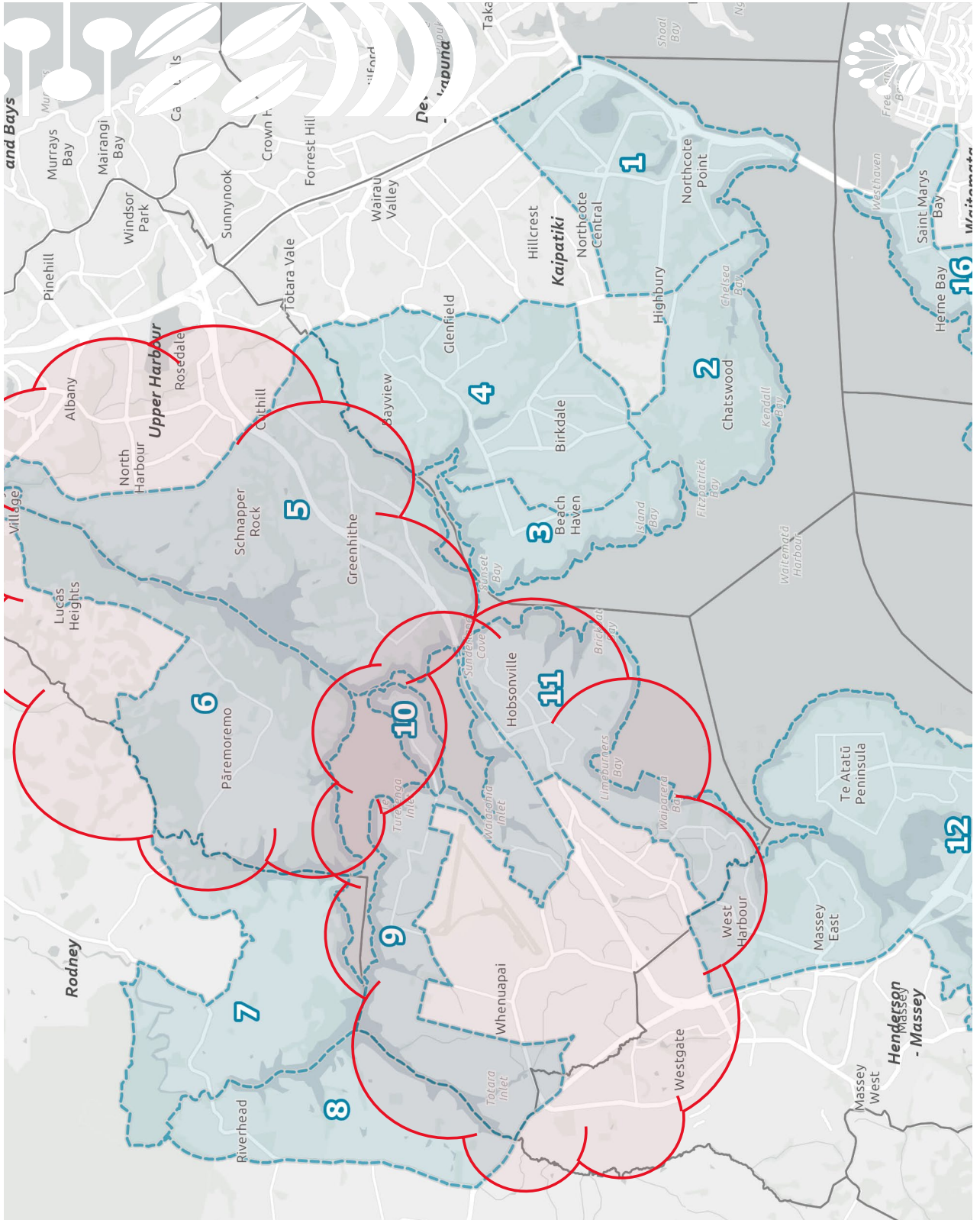


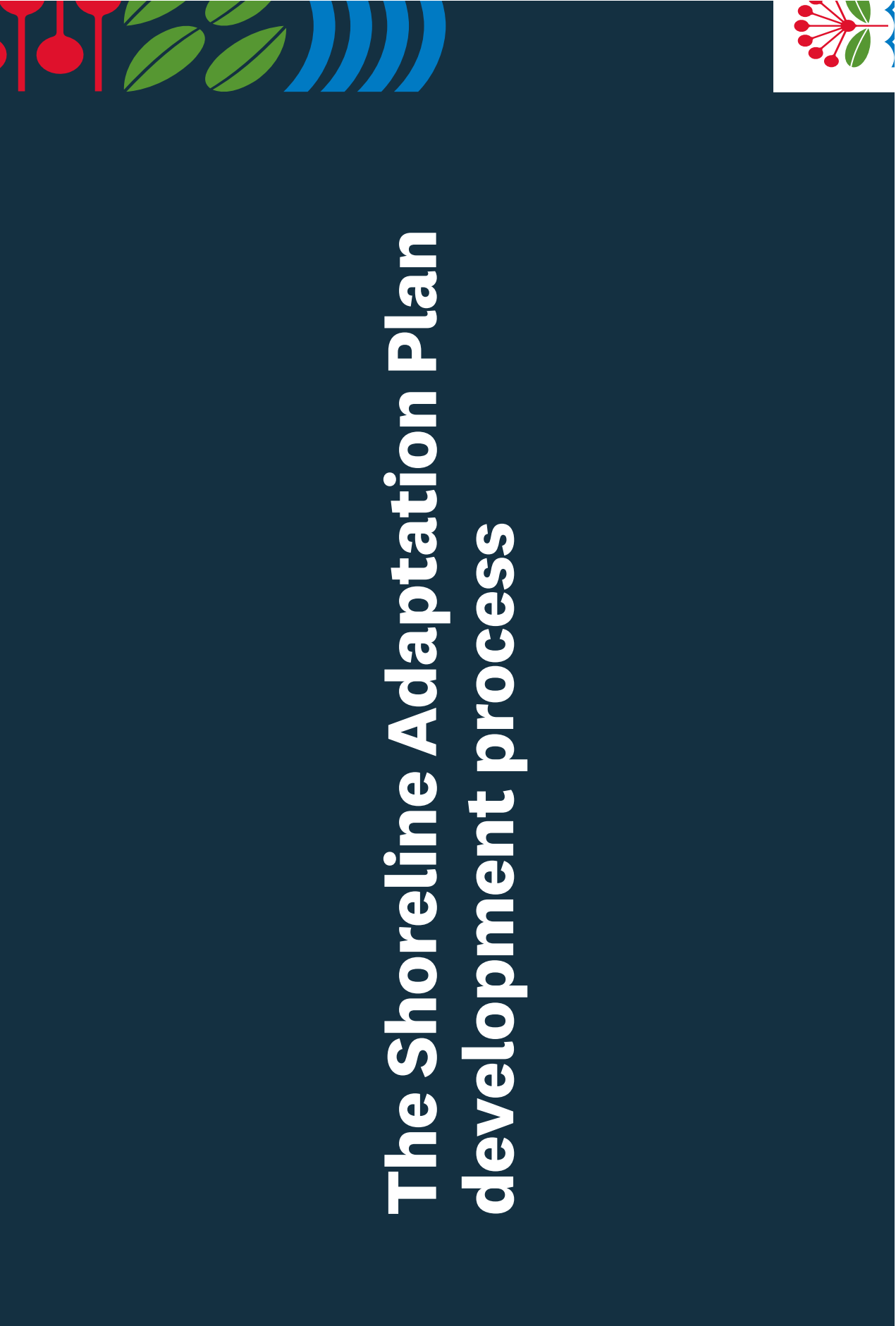
SAP Plans for the Upper Harbour Local Board area

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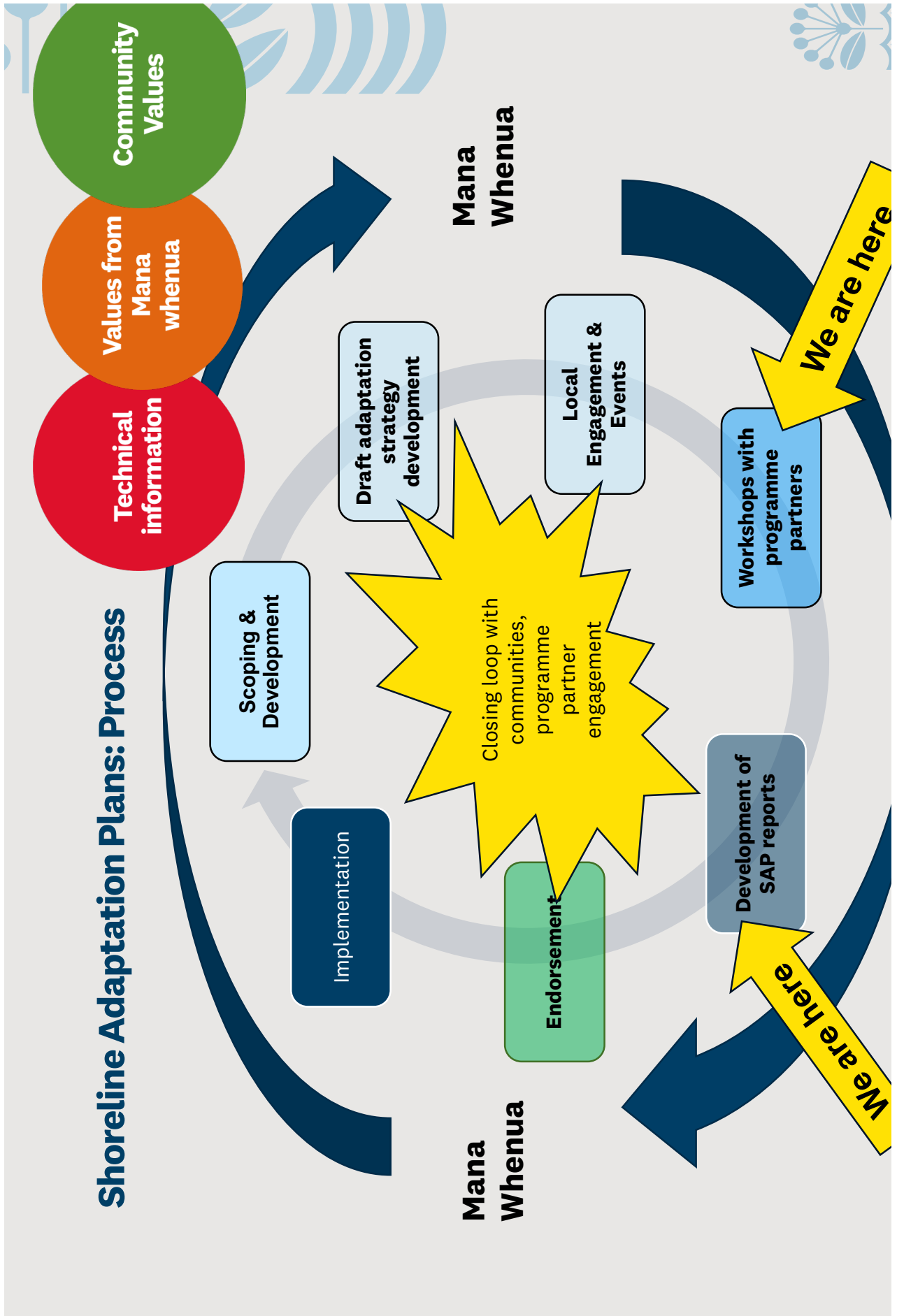
Attachment B



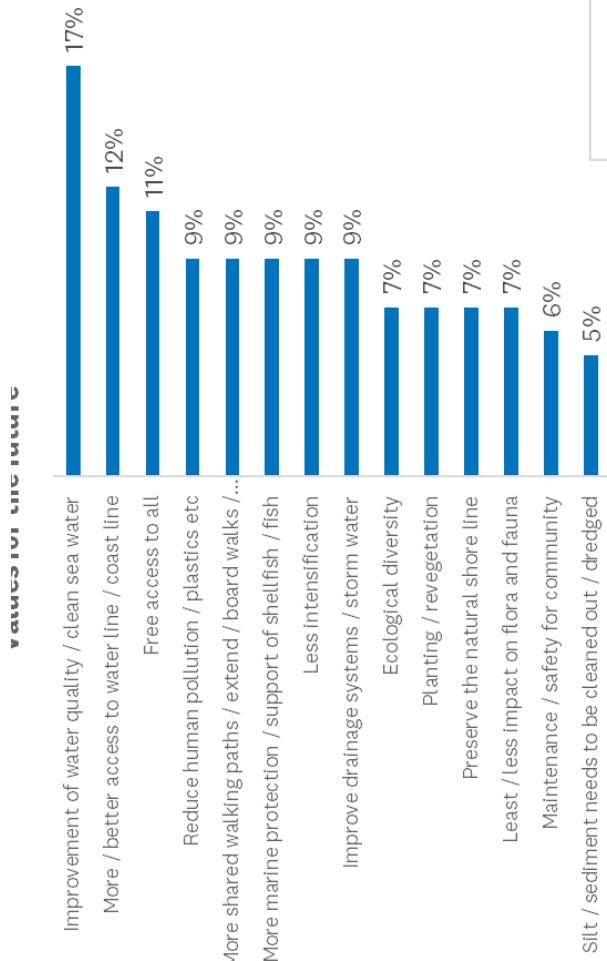




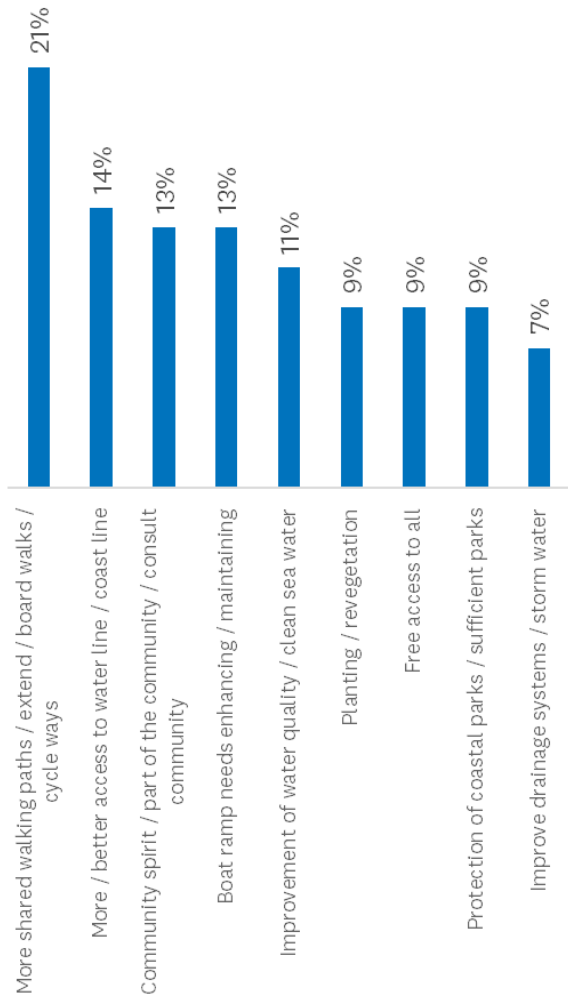
The Shoreline Adaptation Plan development process



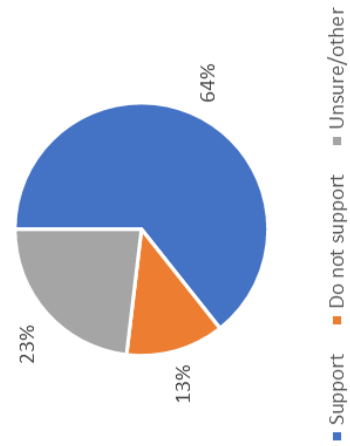
Waitematā Harbour West: Highlights



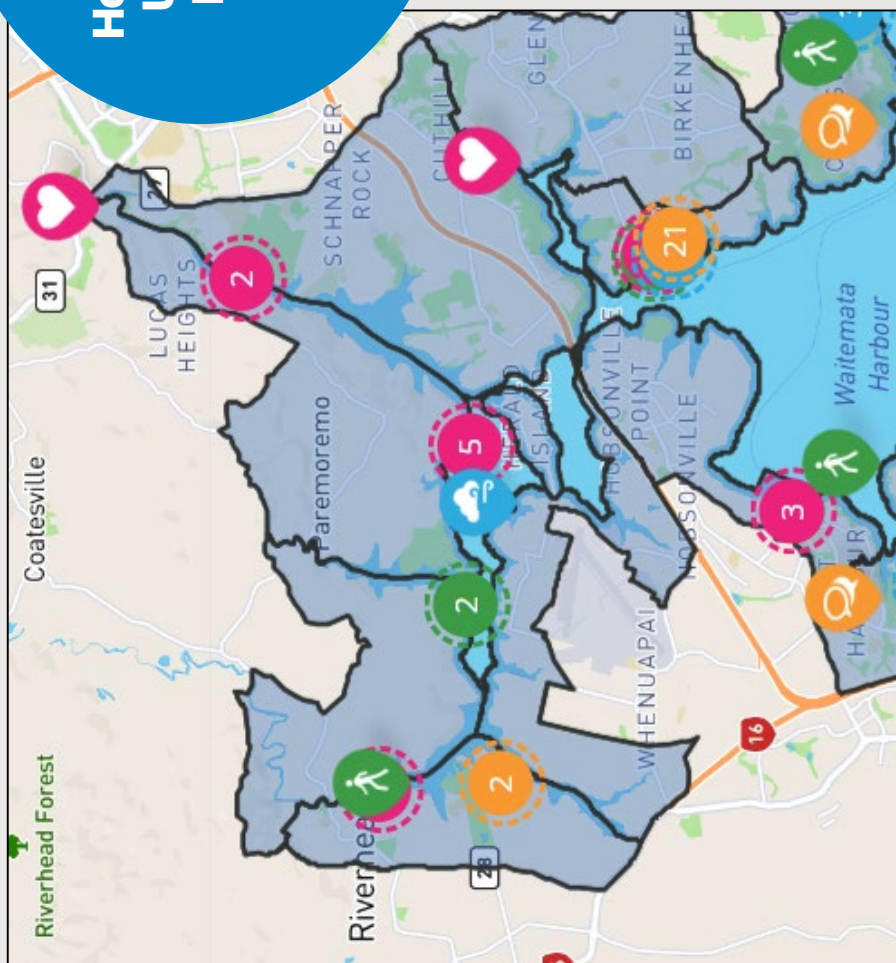
Aspirations for access, facilities/uses



Support for adaptation strategies: Average for Waitemata Harbour West



Vaitematā Harbour SAP: **Upper Harbour, Greenhithe, Lucas Heights, Paremoremo, Whenuapai, Herald Island, Hobsonville, West Harbour...**



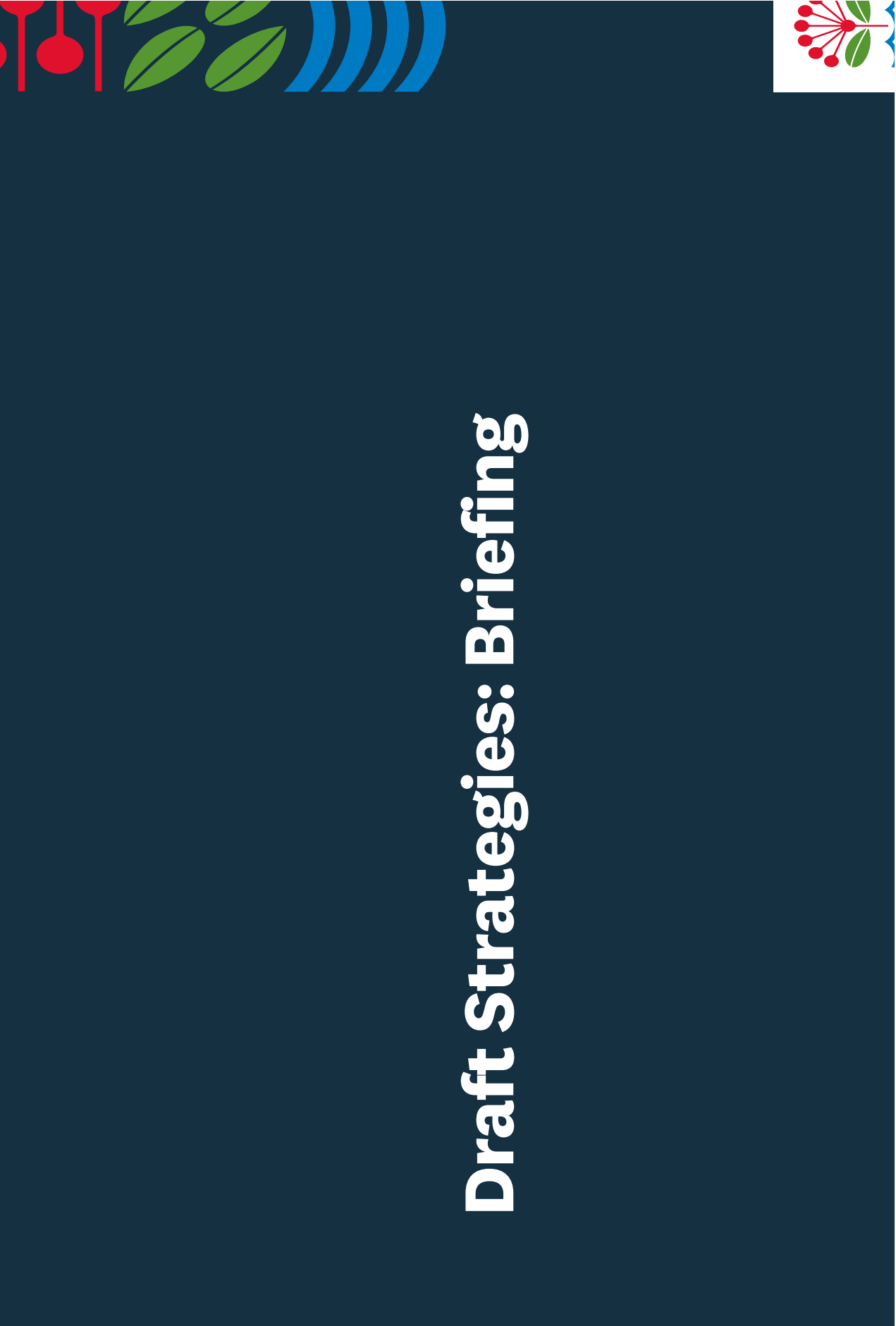
Overall themes

Herald Island R & R + Upper Waitematā Ecology Network Community Submissions

- **Infrastructure and facility management**
- **Experience of coastal hazards**
- **Environmental Protection and sustainability**
- **Transport**
- **Future Growth and Equity**

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Attachment B

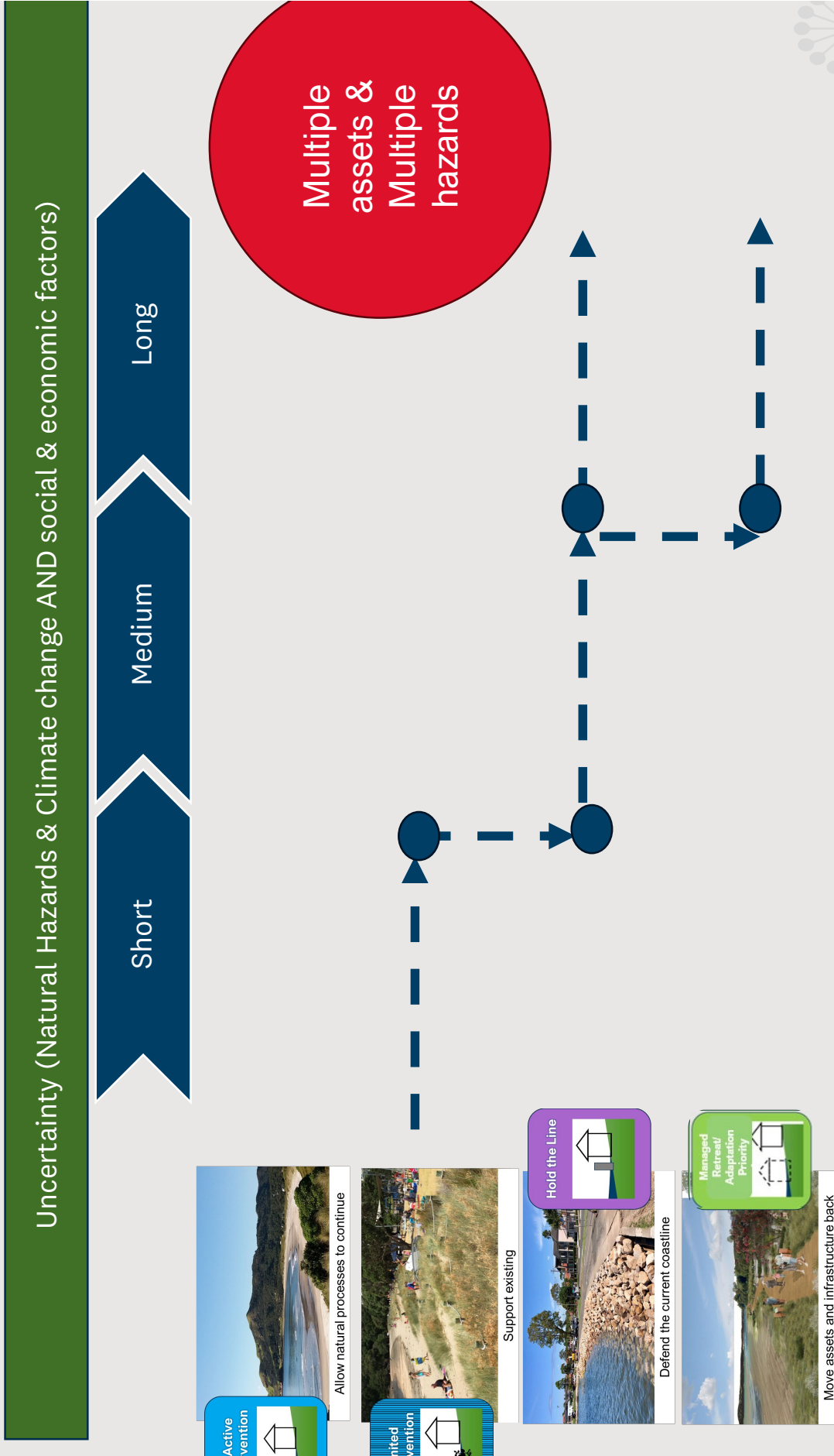


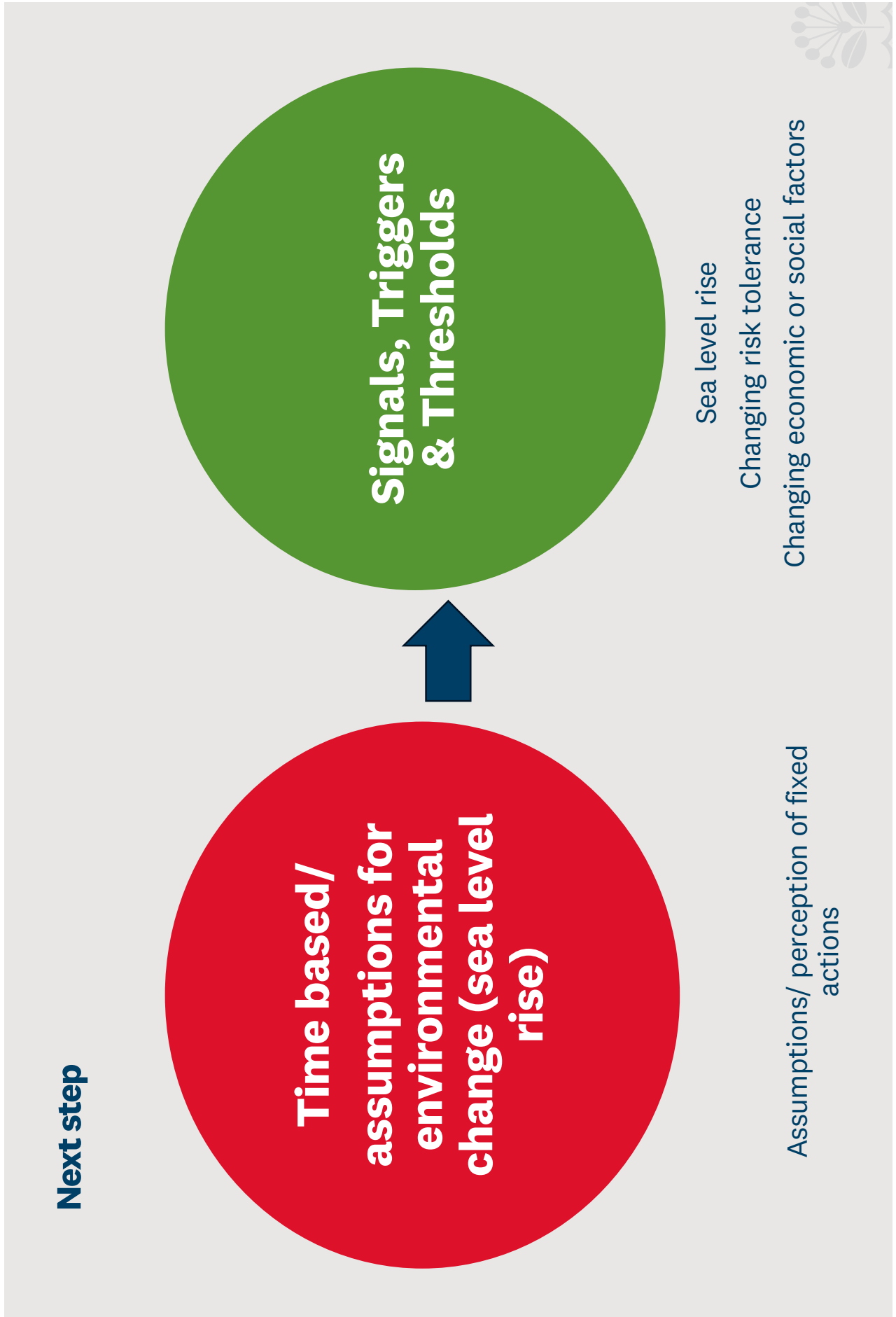
Draft Strategies: Briefing

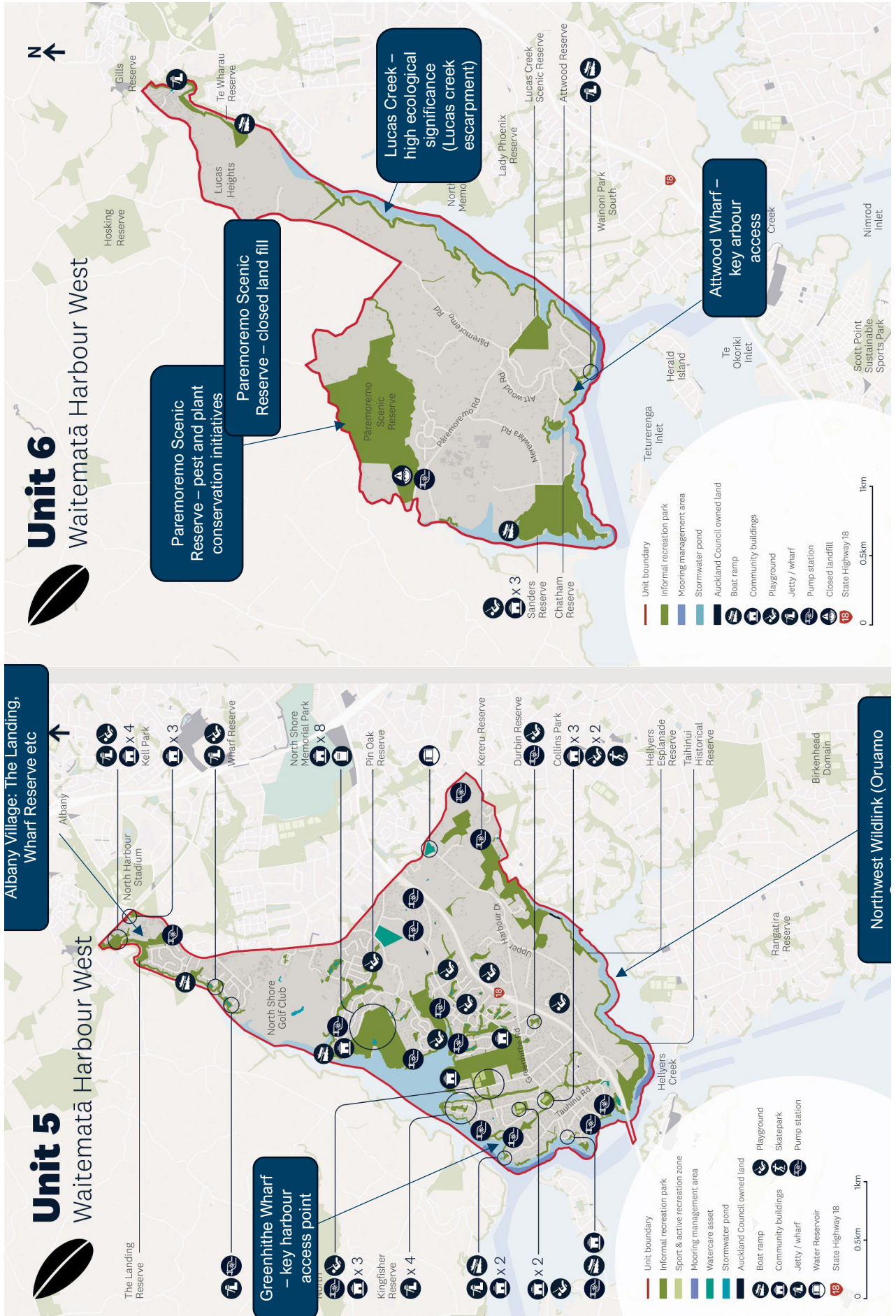
Coastal inundation, erosion & catchment flooding



Adaptation Strategies & Pathways

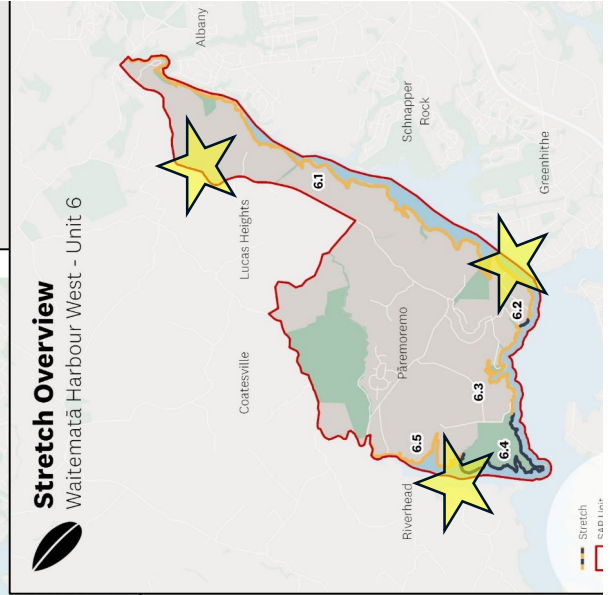
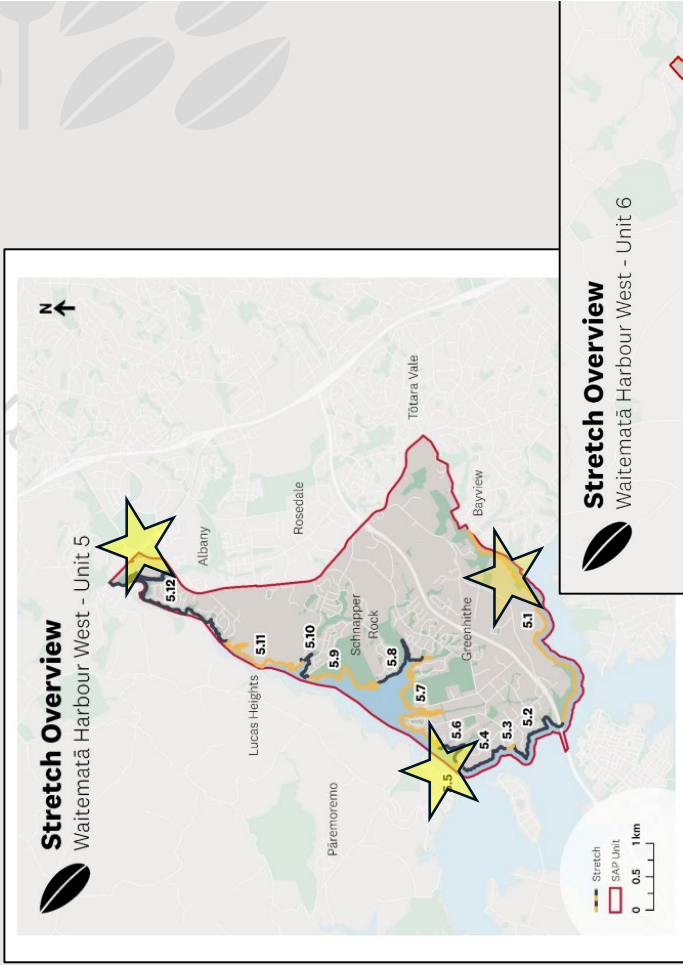






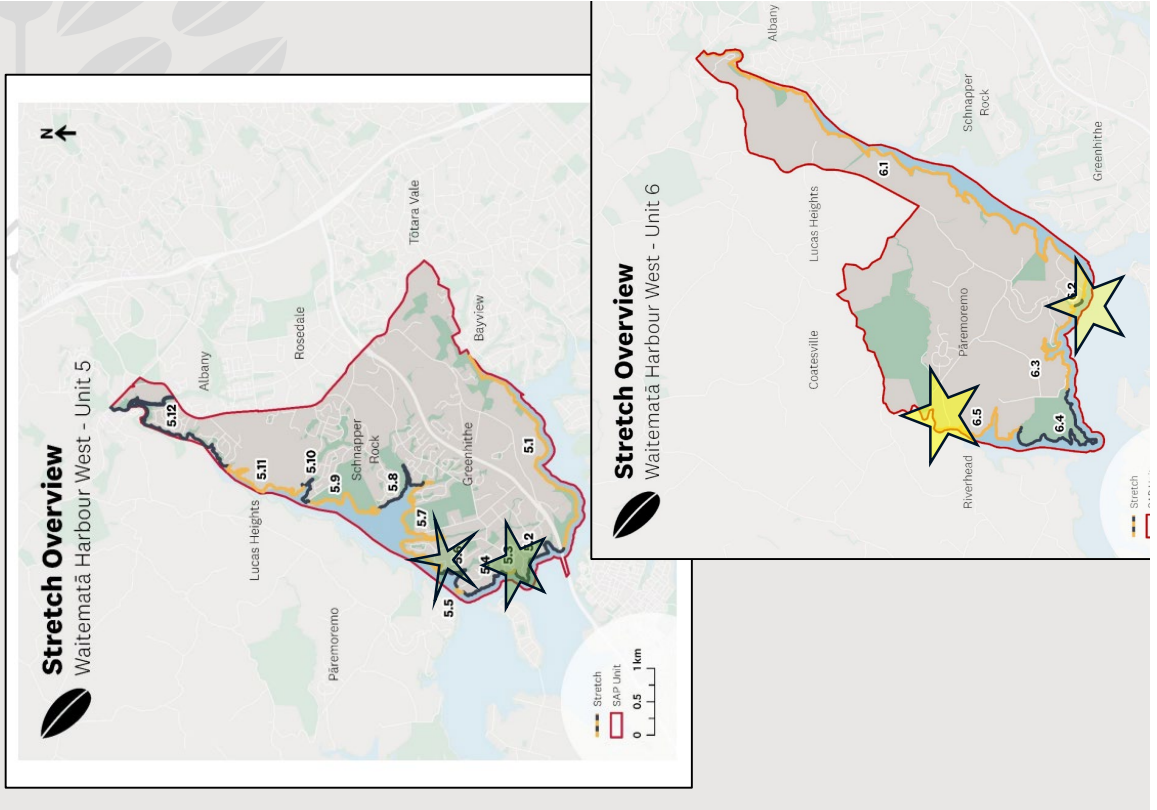
Upper Harbour Local Board Workshop 27 February 2025 Item 3 Attachment B

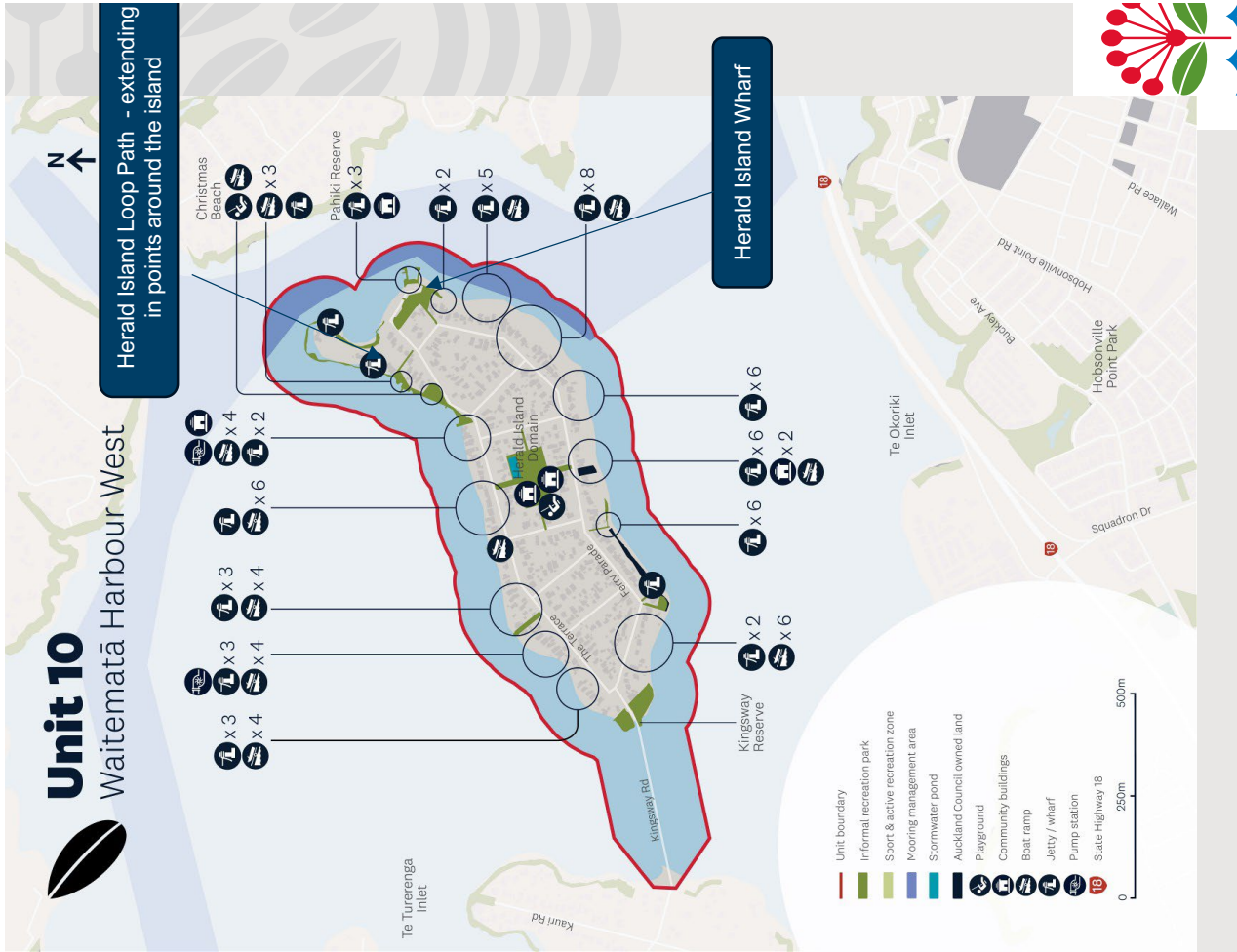
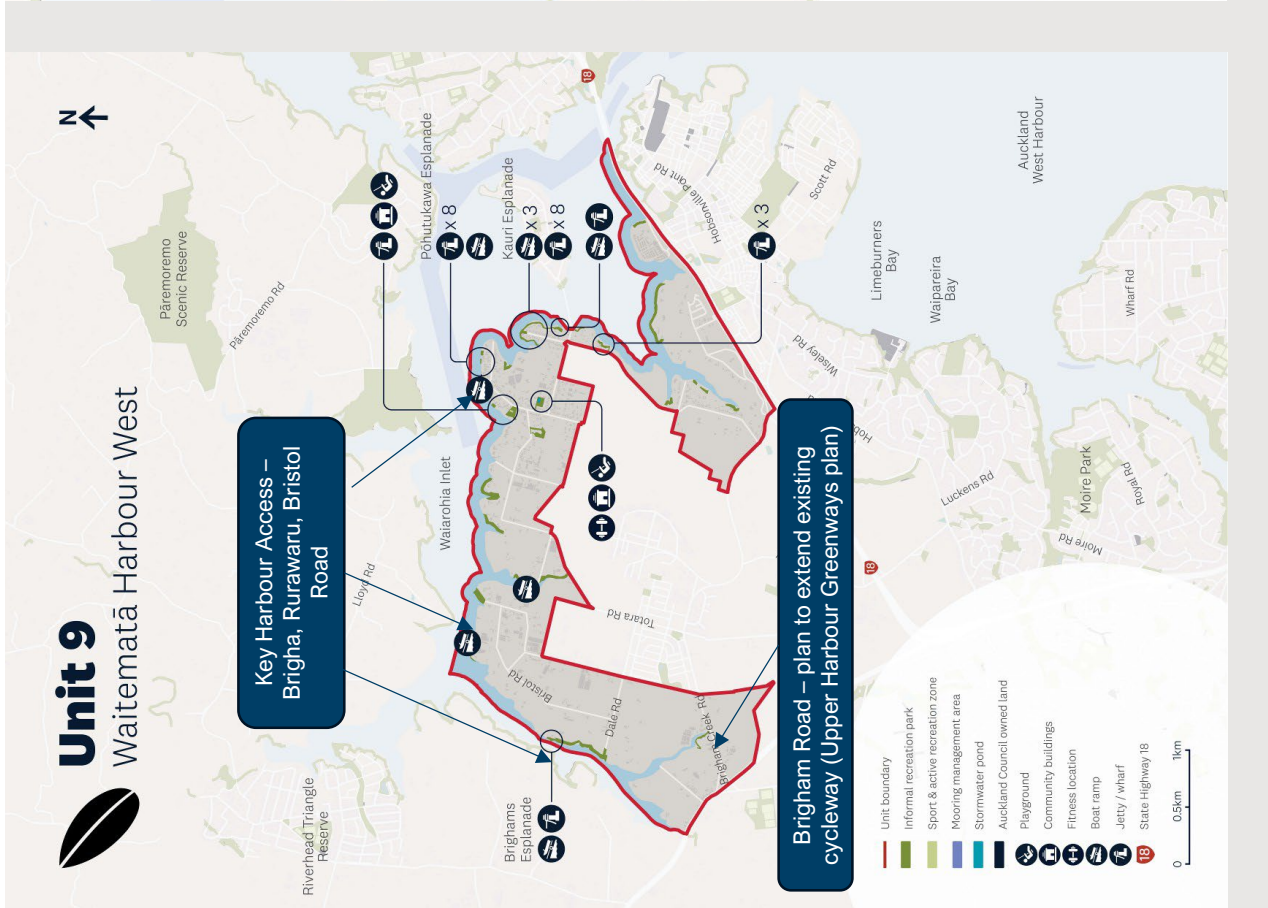
Unit	stretch	Short-term
5 - Upper Harbour and Greenhithe	5.1 Quamo / Hellyer Creek	NAI
	5.2 Greenhithe: Marae Road	LI
	5.3 Rahui Road	HTL
	5.4 Greenhithe: Rame Road	NAI
	5.5 Rame Road Boat Access	HTL
	5.6 Greenhithe Coastal Reserves	LI
	5.7 Greenhithe North	NAI
	5.8 Te Wharau Creek	LI
	5.9 Schnapper Rock	NAI
	5.10 Schnapper Rock North Wharepapa	LI
	5.11 Golf Course and North	NAI
	5.12 Lucas Creek (Albany Village)	LI
6 - Lucas Heights and Pāremoremo	6.1 Lucas Heights	NAI
	6.2 Attwood Reserve Wharf	HTL
	6.3 Chatham Reserve and West	NAI
	6.4 Sanders Reserve	LI
	6.5 Pāremoremo West	NAI



medium to long term adaptation pathways

Unit	Stretch	Adaptation Strategy	
		Medium-term	Long-term
5 - Upper Harbour and Greenhithe	5.1 Oruamo / Hellyer Creek	NAI	NAI
	5.2 Greenhithe: Marae Road	LI	LI
	5.3 Rahui Road	LI	APA
	5.4 Greenhithe: Rame Road	NAI	NAI
	5.5 Rame Road Boat Access	HTL	HTL
	5.6 Greenhithe Coastal Reserves	APA	APA
	5.7 Greenhithe North	NAI	NAI
	5.8 Te Wharau Creek	LI	LI
	5.9 Schnapper Rock	NAI	NAI
	5.10 Schnapper Rock North Wharepapa	LI	LI
	5.11 Golf Course and North	NAI	NAI
	5.12 Lucas Creek (Albany Village)	LI	LI
6 - Lucas Heights and Paremoremo	6.1 Lucas Heights	NAI	NAI
	6.2 Attwood Reserve Wharf	LI	LI
	6.3 Chatham Reserve and West	NAI	NAI
	6.4 Sanders Reserve	LI	LI
	6.5 Paremoremo West	NAI	NAI





Unit 9 & 10. Whenuapai & Herald Island (Current Management)

Unit	Stretch	Short-term	
		NAI	HTL
9 - Whenuapai	9.1 Brigham Creek to Karaka Road	LI	
	9.2 Karaka Road to Herald Island	LI	
	9.3 Herald Island Causeway South	NAI	
	9.4 Reclamation and Highway	HTL	
10 - Herald Island	10.1 Herald Island Causeway North and Kingsway Reserve	HTL	
	10.2 Island North West	NAI	
	10.3 The Landing	LI	
	10.4 Christmas Beach	HTL	
	10.5 Island North	NAI	
	10.6 Herald Island Wharf	HTL	
	10.7 Herald Island South	NAI	
	10.8 Herald Island Causeway South and Kingsway Reserve	HTL	

