



Draft Minutes South East

SMP Coastal Panel Meeting 10: Setting Thresholds and Triggers

Times & Dates: Southeast Coast 9:00am-12:00pm Tuesday 18/01/22

Venues: Whangamata Council Office Board Room or MS Teams

Chairperson: Coastal Panel Chair:
Amon Martin (Via MS Teams)

Attendees: TCDC - Jamie Boyle, Karen Moffatt-McLeod
(Via MS Teams)
SMP Consultant (Royal HaskoningDHV) – Sian John, Nick Lewis
Via MS Teams
Coastal Panel Members: Jean McCann
Victoria Spence, Bob Renton,
Matthew Purdon,
Via Teams - Callum Stewart, Eleanor, Haughey, Kerry Gibb,
Sharon Harvey, Christina Needham,
WRC: Alejandro Cifuentes (Via MS Teams) Adam Munro

Apologies: **Paul Shanks, Chris New**

Meeting Objective

- To set proposed thresholds and triggers for Policy Unit adaptation pathways

Agenda Items

1. Introduction (see Meeting Objective)
2. Progress:
 - a. Minutes of Meeting 9 (November 2021).

Moved from Chair – minutes of November meeting adopted

b. Review of Actions (see Page 2).

#13 – presentation will go through to the climate action committee (rather than transport committee) on 10th March – report written by WRC, TCDC co presenting and supporting.

#30 - completed

#33 - updated and on agenda for today

#34 – Many are in the Coromandel area. But a meeting will also be held in Hikuai. WRC will be supporting Hikuai meeting strongly as also involves the fluvial issues. Erosion modelling work for Pauanui has been redone and can be discussed today

#39 - completed

#40 – still to come. Waiting to hear back from WRC.

#41 – Waka Kotahi have made some progress, gathered data for resource for coromandel roads, include our hazard maps as well as their info. Waka Kotahi are developing an approach to undertaking risk assessment – risk to roading infrastructure. Will report back – no timeframes yet. A number of pathways require Waka Kotahi risk assessment. SJ will talk to David Grieg again next week. Hope to get Waka Kotahi to present/update panels at next meeting.

JM - Hikuai, Tairua area's need update/discussion from Waka Kotahi.

#42 – Updated and included in report

#43 – Not progressed yet – but looking at using online tool a bit more widely.

c. Geotechnical (slope & cliffs) Risk Assessment.

Looked a number of factors including Tsunami & fluvial flooding but focused on slopes & cliffs – on the coastal zone.

NL – presentation:

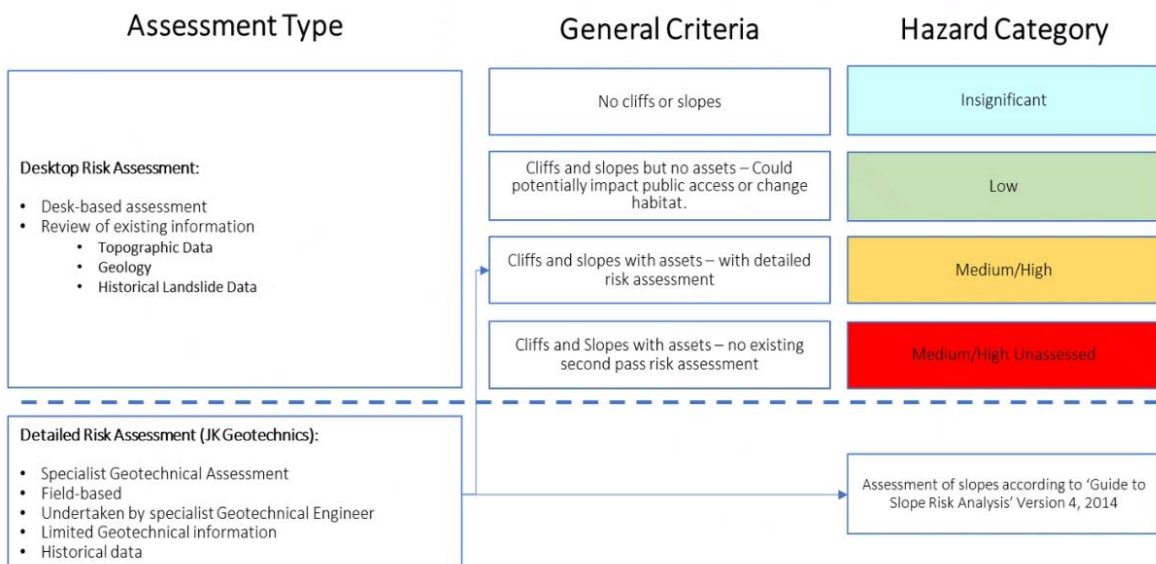
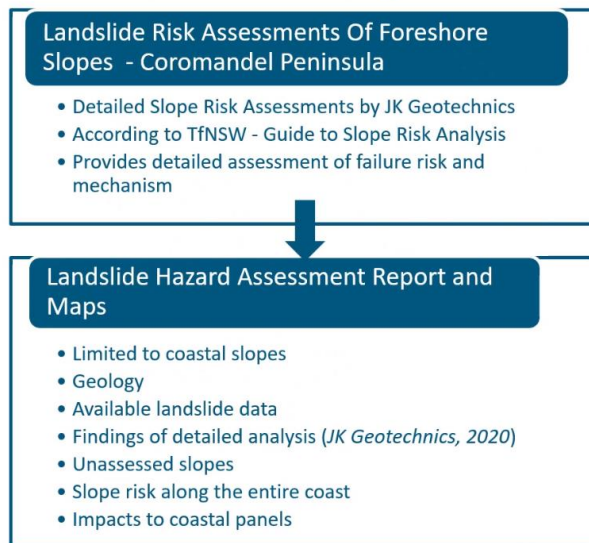
Assessment Purpose – Why was this required?

- The purpose of this assessment was to provide:
 - A high-level assessment of the risk of slope failure and consequences along the entire Coromandel Coastline
 - Detailed assessments of select high risk sections near coastal infrastructure



- Why is this important?
 - Allows risks to be effectively managed
 - Allows Council and the Community to reduce:
 - Impacts to public infrastructure (roads)
 - Impacts to accessibility of remote communities
 - Risks to road safety
 - Enabling appropriate control measures to be developed
 - Identifying areas of high risk

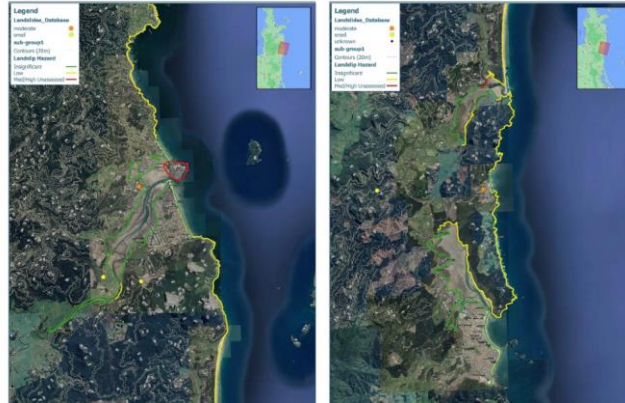
Assessment Scope



Categorised rather than put AEP's on them as they tend to be more ad hoc events.

Have mapped the whole Peninsula – today will focus on this Coastal Panel area.

South-East Coast



No areas on this side that needed specific Geo Tech assessment as risk in this area is relatively low.

South-East Coast

Description

- This section comprises rocky coastlines and beaches with populated inlets

Assessed Risks

- No detailed risk assessments were conducted for the South East Coast Panel
- Only two medium to high risk sections were identified

Additional Data

- Mapped landslips were identified in the hills within Tairua and Onemana (outside the scope of this assessment)

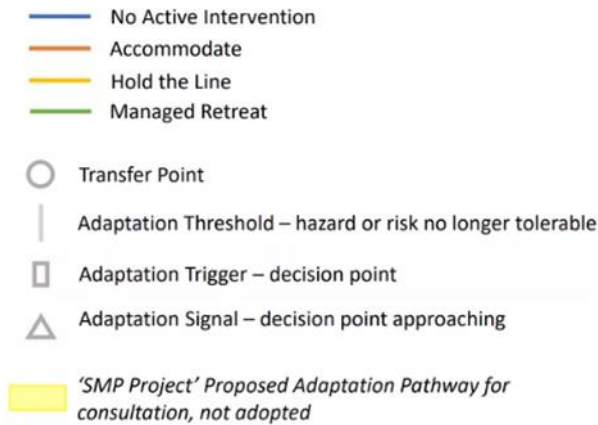
EH – meetings in Onemana – will there be assessment on the effects on the drinking water in the area.

NL - Not specifically in this assessment – more a TCDC responsibility

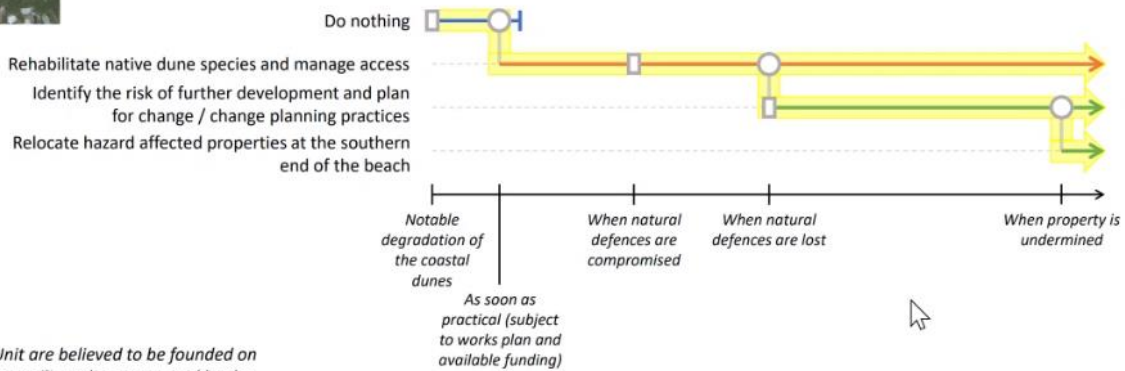
AM – more work needs to be done on saltwater intrusion, increased droughts etc on the effects, but also looking for new water sources.

3. Review of updated Adaptation Pathways, Thresholds and Triggers.

In November 2021 we started to look at the thresholds & triggers. Did four PU's for consideration first, got feedback from Coastal Panel on those and then looked at all the other PU's and made suggestions based on the CP feedback on the initial 4 PU's. Signals can be worked out based on the signs from the thresholds & triggers

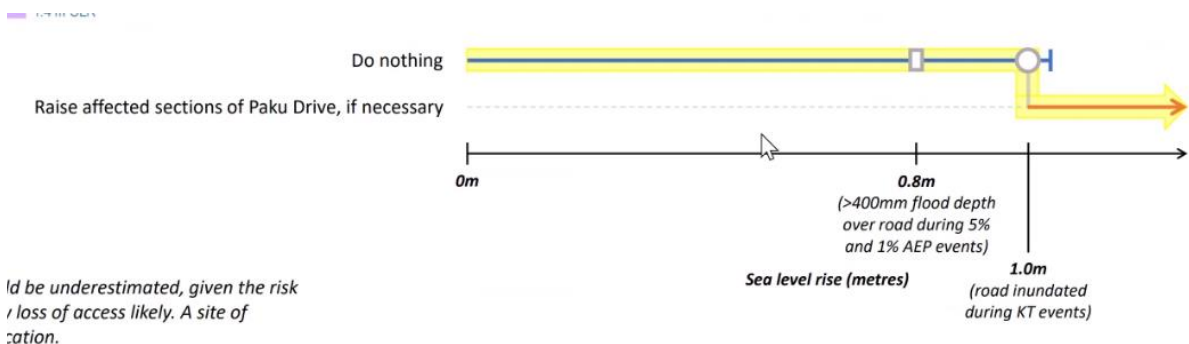


PU#116 Ocean Beach South, Tairua

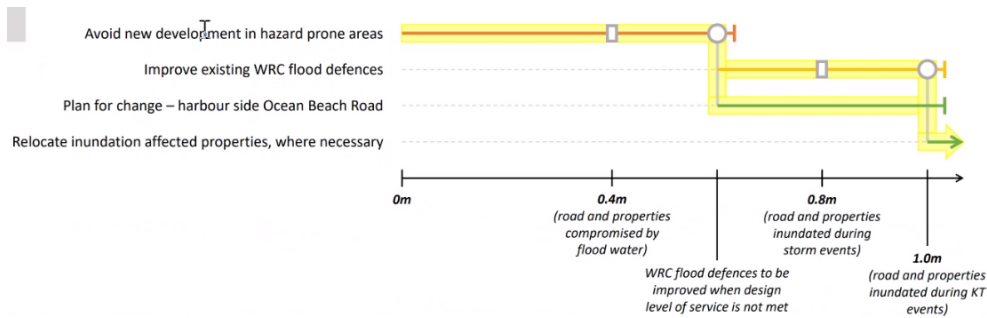


Trigger has already been met in this area, so need to change action pathway.
 Should maintain and continue the native dune planting as well??
 JM – managing access is important to stop degradation – lots of people walking/sliding on dune during holidays.
 Take out words ‘Do Nothing’ and bring line back to the Rehabilitation native dune species.
 Feels like the trigger is a little too late.
 SJ – add in shadow line from trigger to threshold to indicate action is being taken at the trigger point

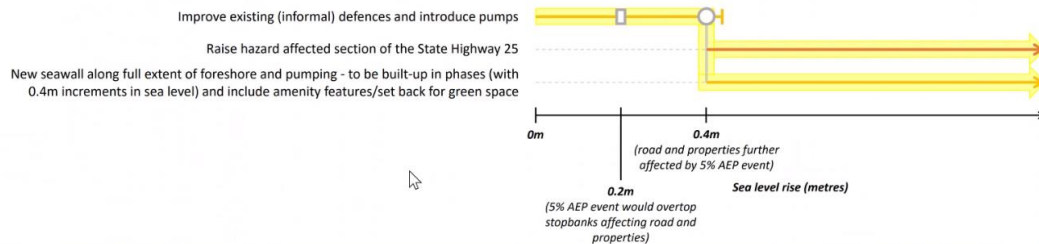
PU#118 Tairua Marina (Paku Dr)



PU#119 Grahams Creek



PU#120 Tairua



JB – does that include ‘buy out’ of front properties? SJ – yes that is an option

VS – is there anything stopping the building of new houses along Mania Rd?

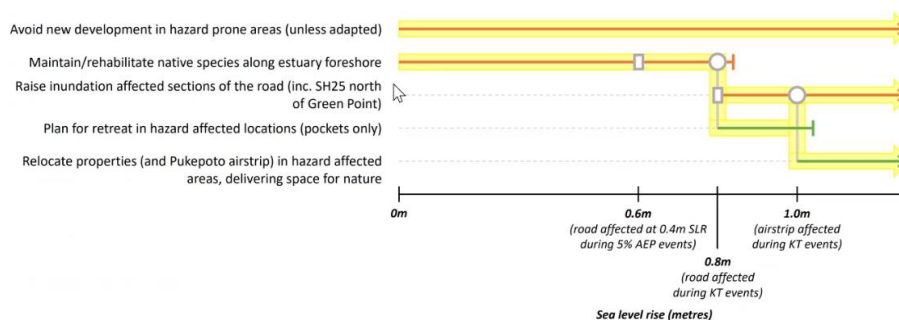
JB - Nothing in the planning process about Coastal inundation as yet – but there will be when this project is completed, and information presented. Next LTP is due approx. 3 years Needs to be in the LTP

AM – LTP looks out 10 years’ time – but appropriate to look at and put budget in within that 10 years. As soon as this project is wrapped up, we will start working on the LTP and looking at budgeting.

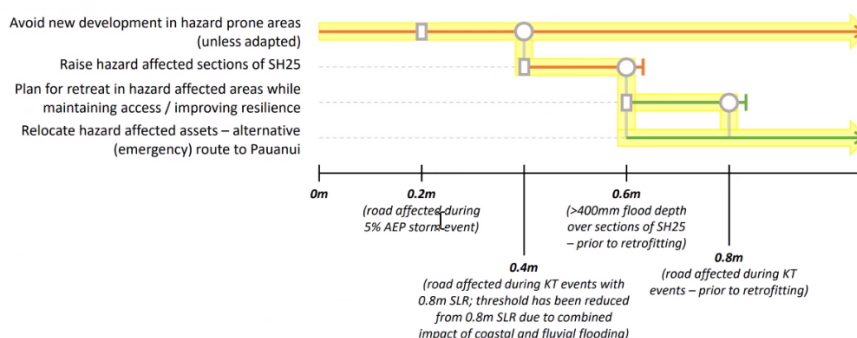
EH – there is the need for environmental reports now for property development, which will help

CS –gets picked up at the building consent process if a permitted activity, if you are applying to develop a property further – it is part of resource consent process

PU#123 Tairua River (West)



PU# 124 Hikuai

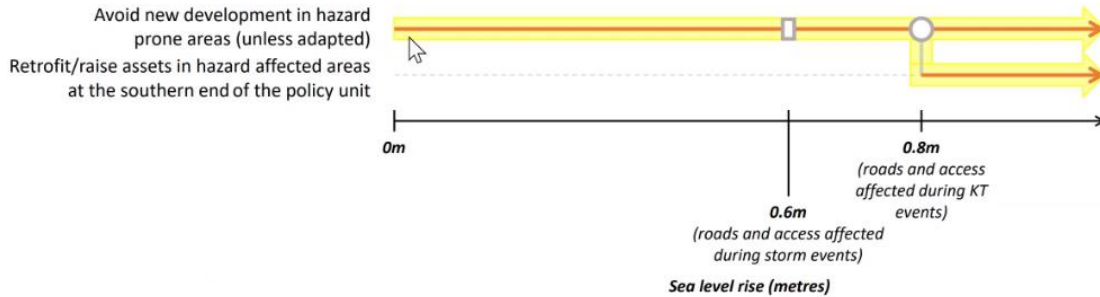


BR – TCDC need to be looking at this now – 3-4 times a year flooding is going over the fence posts already. People start taking risks trying to get through the water. Blocks supplies coming through etc

AM – from feedback – trigger point needs to come forward a lot – particularly looking at alternative route.

Road to Pauanui is TCDC responsibility.
Will talk to people in Hikuai in February.

PU#125 Tairua River (East)



VS – dump (transfer station) and sewage on that area of road.

JB – TPRA would have identified if they are at risk or not

SJ – will check

PU#126 Pauanui (Harbourside)

Do nothing – waterways development is raised, risk largely mitigated (albeit the Stage 1 development is lower)



PU#127 Paunui Beach



Re-analysis of targeted profiles at Ocean Beach Pauanui

Analysis of coastal erosion – not just from a single event, but looks at SLR and ongoing recession rate. With storm events over time this can create a hazard on land.

At Pauanui – historically there has been bulldozing of the dunes and pushing them out seaward. This created an artificially low recession. This data was taken out for re-analysis.

Mapped 1% (red line) and 50% (blue line) probability line. Dashed lines are previous and solid lines are new analysis.

2040:



2070:



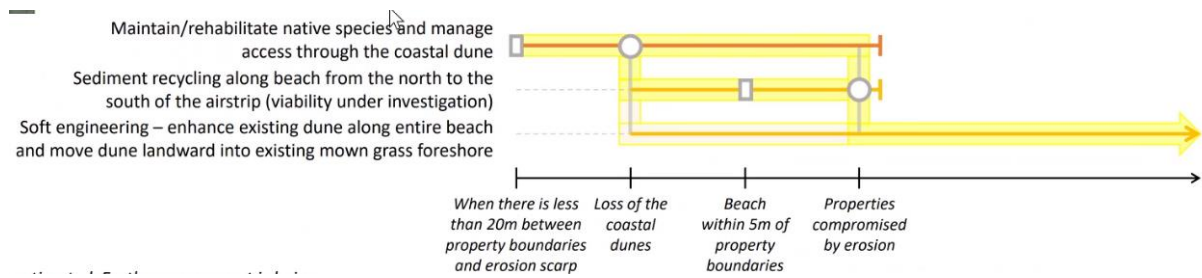
2120:



Draft analysis – projected hazard lines greater than initial analysis now the data that included the dune modification has been taken out. North is not so affected – more in the south.

BR - this is a major change to the risk profile for Pauanui beach and the ratepayers need to be informed ASAP. People are making decisions on the purchase of properties on the beach front based on previous documents released publicly (low risk)

JB – last 2 years of storms are not included in this analysis.



A trigger has already been reached.

JB – the 5m trigger is too late – only would take a couple of storm events to erode that away. Look at storms in last 2 years to work out new trigger.

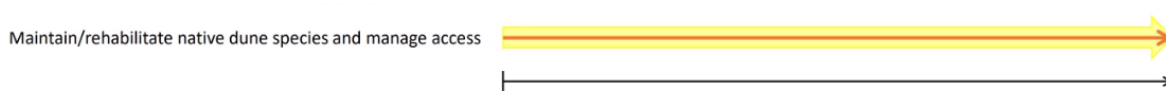
Retreat option also missing

Pathway needs to be re-done

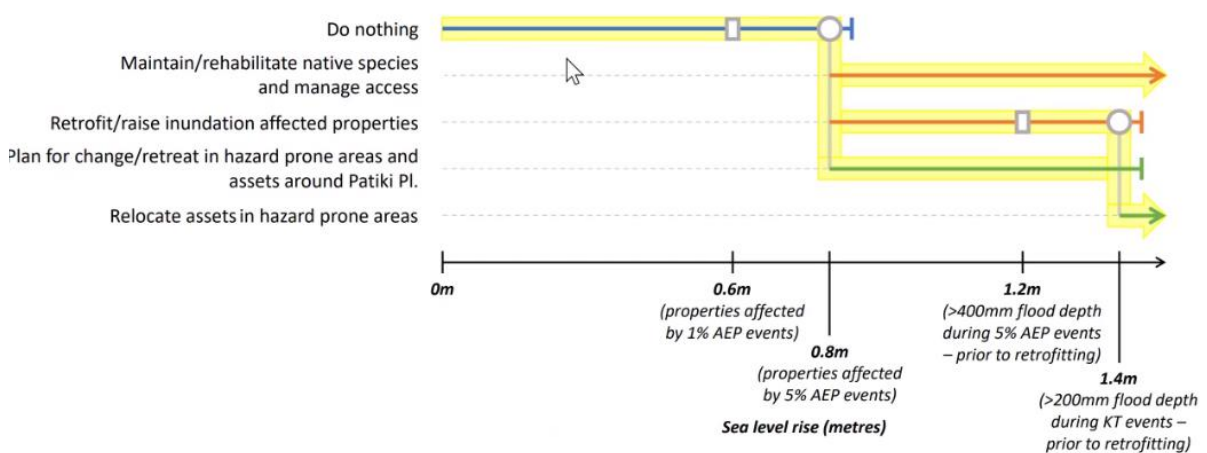
PU#129 Oputarere & Warekawa River



PU#130 Onemana



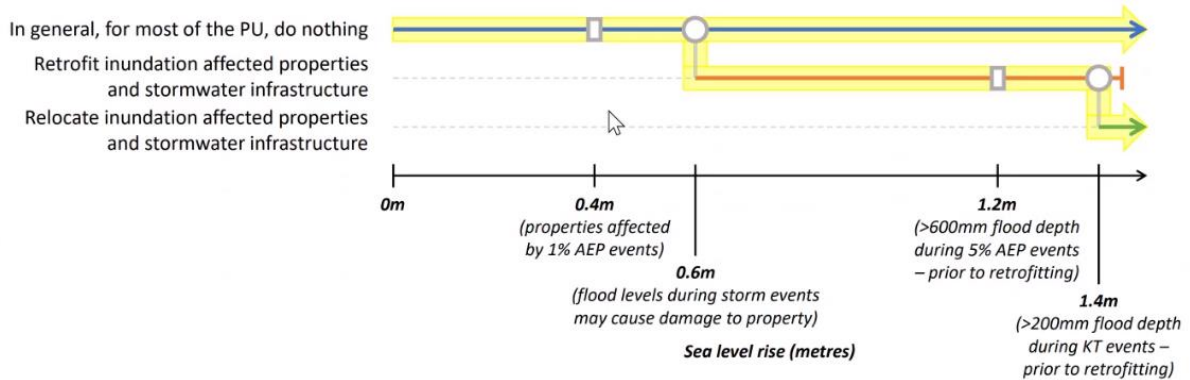
PU#134 Whangamata (inner Harbour)



PU#135 Wentworth River West



PU# 136 Wentworth Rive east



CS – talked about pocket of residential properties (just south of industrial/commercial area) – and a possible need to do something. Not sure this has really been dealt with.

SJ – need to look at this more – and probably in conjunction with PU137.

EH – will have increased protection now mangroves will establish and grow.

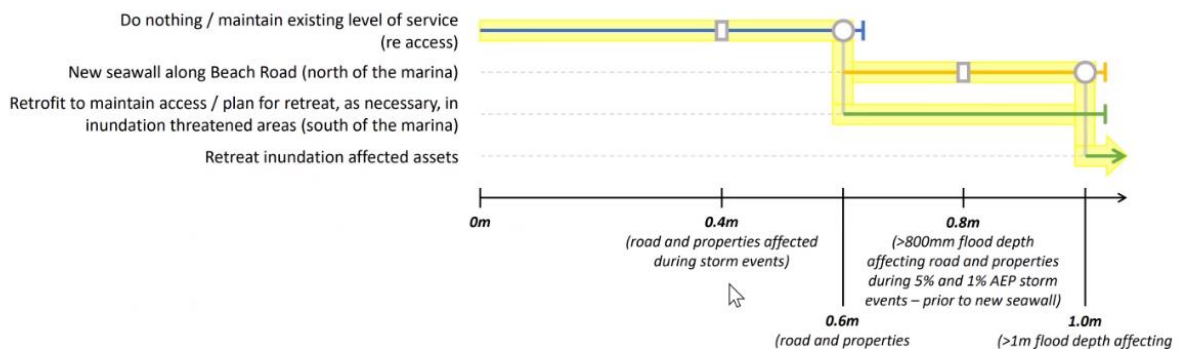
How do we understand what ‘moderate’ risk means? The public need to understand this.

SJ – when we present the final report, we need to explain this better

JM – Insurance info has a glossary of risk

PU# 137 Whangamata Marina

Will come up with a concept design for this area

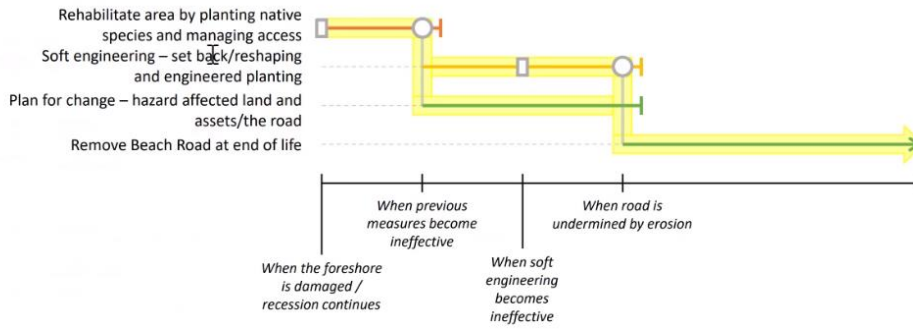


SJ – may need to relook at the pathways

CS – area north of causeway was high value assets/land, when south of the causeway is of a lower value – may be more cost in protecting it, but think it needs to be included. Can't think of another place they could be relocated to.

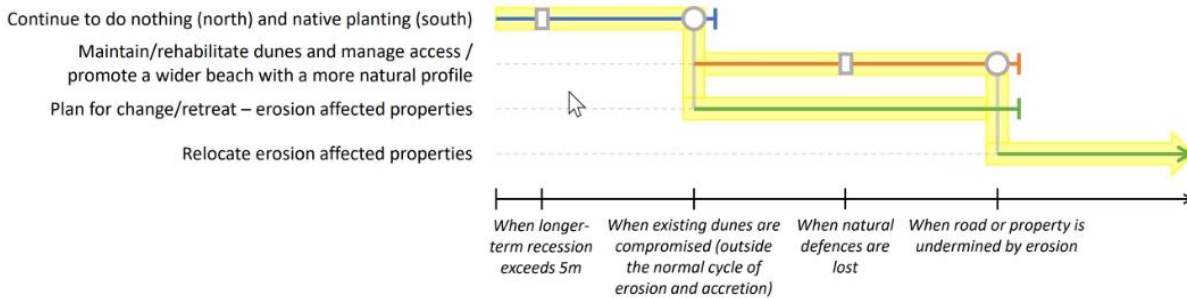
BR – cost to community would be higher

PU# 138 Outer Whangamata Harbour

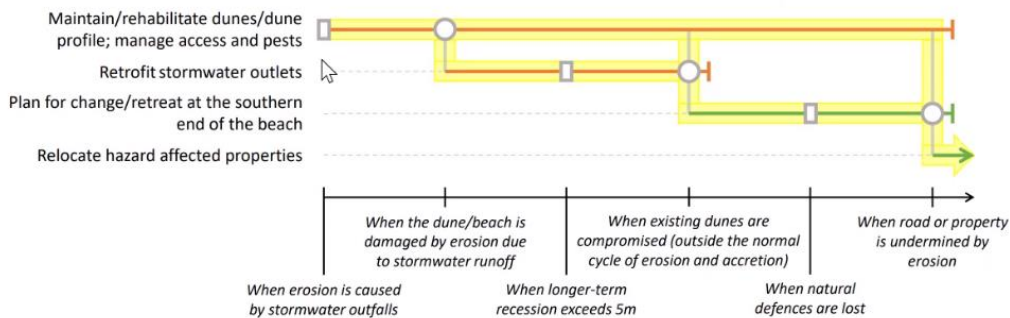


Big surges coming up the estuary – groynes dissipating a bit. Some of the properties have access in from Bond Rd, but 80% only access is via Beach Rd.

PU# 139 Whangamata Beach North



PU# 140 Whangamata South



JB – triggers are too late – with a potential 2 years like the last two.

May need to engage with specific property owners.

VS – can we put distances on this as in some of the others.

SH – confused about inter-action between TCDC planning permission and this exercise.

Very new house at the end of beach that is at risk. Very expensive houses.

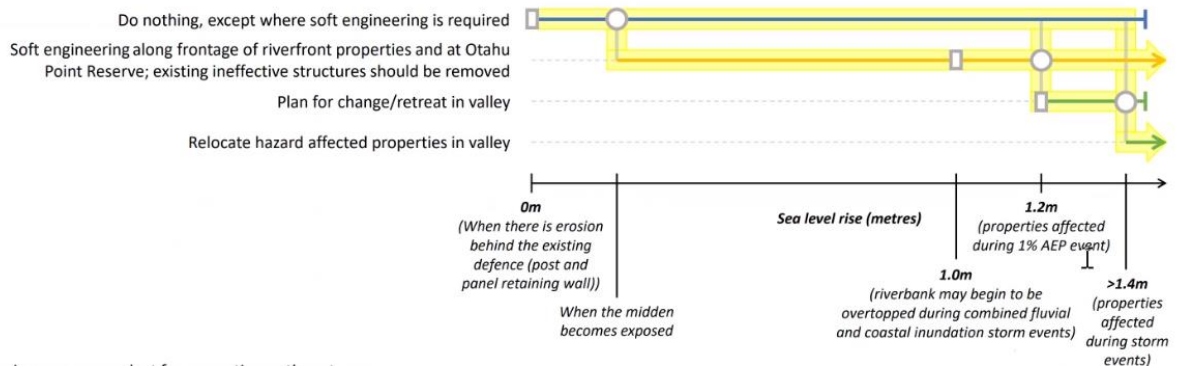
AM – over aim of project will influence planning processes and be included in DP.

Building consent process if being more informed of the work we are doing here.

JB/CS – if you are trying to build there – discretionary rule, it needs to be a re-locatable home. Concrete foundations/walls etc trigger a site-specific risk process (coastal scientist involved)

SJ – will re-look at this one as well -

PU#141 Otahu River



4. Communications and Engagement Strategy Update – next steps for discussion.

Communications and Engagement Strategy (update)

Thames Coromandel Shoreline Management Plan Project



Te Ara Tapātai o Hinekirikiri
Tīkapa Moana – Te Tara o Te Ika-ā-Māui

Finished update of this last week .

Covers how much work has been done over last 2.5 years, page 11 – consultations still to be undertaken

3.3.2 Consultation to come

- The following Coastal Panel workshops are still to come:
 - Workshop 10 (January 2022): Setting thresholds and triggers; *How do we get it done?*
 - Workshop 11 (February 2022): Pathway confirmation and preparation for community consultation events.
 - Workshop 12 (April 2022): Draft Action Plans; *How do we get it done?*
- The following wider community consultation events are still to come:
 - **4. Adaptation plans.** Consultation on proposed adaptation pathways and plans (thresholds and triggers) due to occur in March 2022 in Thames, Te Puru, Kennedy Bay (Harataunga Marae), Colville, Kuaotunu, Whitianga, Tairua and Whangamata.
 - Prior to this targeted consultation is proposed with specific communities and groups. This is to include engaging with younger people through the High Schools and consultation with affected individuals in Moanatairi, Ohuka (Brophys Beach) and Hikuai in February 2022.
 - Specific consultation with iwi is also proposed in Kennedy Bay (as above), Koputauaki Bay and Opoutere.

Only 2 more meetings for the Coastal Panels – Pathway’s confirmation, then go out to public (winder engagement) again, then we will finalise the plan with the Coastal Panels.

Then goes to Governance committee for ‘draft’ to be adopted. May be one final opportunity for formal submissions from public etc.

The implementation part then starts.

BR – need to have a meeting in Pauanui – need to get something out to the community (can go out through rate payers/Pauanui Post) to inform of new data (and acknowledge that the comments disagreeing with the pathways were correct) ‘We listened to you’

<https://www.georgetownclimate.org/adaptation/toolkits/managed-retreat-toolkit/leasebacks.html> info on Lease Back

5. Next Meeting: TBC

Meeting Closed 11.30am

Papers in advance

- I. Agenda and action list
- II. Communications and Engagement Strategy Update

Resources (to be presented at the meeting)

- I. Outputs from the Geotechnical Risk Assessment
- II. Updated Adaptation Pathway Thresholds and Triggers

Actions Table – SMP 9

No.	Action	Responsible	Status
13	Awareness of the SMP Project to be raised with WRC / the Regional Transport Committee	TCDC/WRC officers	In progress - presentation to be provided to the WRC Climate Action Committee first (10 March 2022). Presentation to the Regional Transport Committee to follow.
30	Provide maps of areas of cultural significance	Project Office	Complete.
33	Update of the Communications Plan required	Project Office	Attached, see Agenda.
34	Further work required re. combined flooding events in Kuaotunu West (Kennedy Bay and Hikuai)	RHDHV AM	For Kuaotuna West and Kennedy Bay, see Agenda re. updated adaptation pathways. Targeted consultation planned for Hikuai in February 2022 and Kennedy Bay in March 2022.
39 etc	Update various adaptation pathways in response to feedback received from the public	RHDHV	Complete, see presentation on updated adaptation pathways.
40	WRC to provide a frequency assessment for Whitianga Tide Gauge (to be assessed by NIWA)	RL (WRC)/JB	
41	Follow up with Waka Kotahi on their engagement in the process and progress of their Thames Coast risk assessment	DG/SJ	SJ to report back to the meeting.
42	Provide an AEP for historic storm events where possible	NL/Project office	Now included in the Coastal Environment Report (where the historic storm information is presented).
43	Look at adding filter to online comment tool to group by age/location etc.	Project Office	Not progressed (to date) due to the aspiration to keep the tool simple. Could be revised for March 2022 consultation events.
44	Geotechnical Risk Assessment draft report to be supplied to AM/JB	NL	
45	Need to inform Pauanui of the re-analysis of data prior to any	AM	

	specific meeting. Pauanui Post & rate payers Association. URGENT		
46	Invite David Grieg – Waka Kotahi to next round of Coastal Panel Meetings	SJ	