

# Welcome



Regional plans review workshop

Natural Hazards

21 October 2014



# Welcome, introductions and housekeeping

- Welcome
- NRC introductions
- Toilets and fire
- Attendance register
- Participant introductions



# Outline of the day

9:45 - 10:00	<b>Setting the scene/scope of topic</b>
10:00 – 11:00	<b>Flood hazard risk</b>
11:00 - 11:15	<b>Morning tea</b>
11:15 - 1:00	<b>Flood hazard risk continued</b>
1:00 - 1:30	<b>Lunch</b>
1:30 - 3:00	<b>Coastal hazard risk</b>
3:00 – 3:15	<b>Afternoon tea</b>
3.15 – 3:30	<b>Wrap up, next steps &amp; evaluations</b>

# Why do a review?

- Plans are old
- Based on old information
- We have to
- Learnt a lot
- New government policy



# What are natural hazards?

Under the Resource Management Act 1991 (RMA), the term 'natural hazard' is defined as:

*Any atmospheric or earth or water related occurrence (including earthquake, tsunami, erosion, volcanic and geothermal activity, landslip, subsidence, sedimentation, wind, drought, fire or flooding) the action of which adversely affects or may adversely affect human life, property, or other aspects of the environment'.*

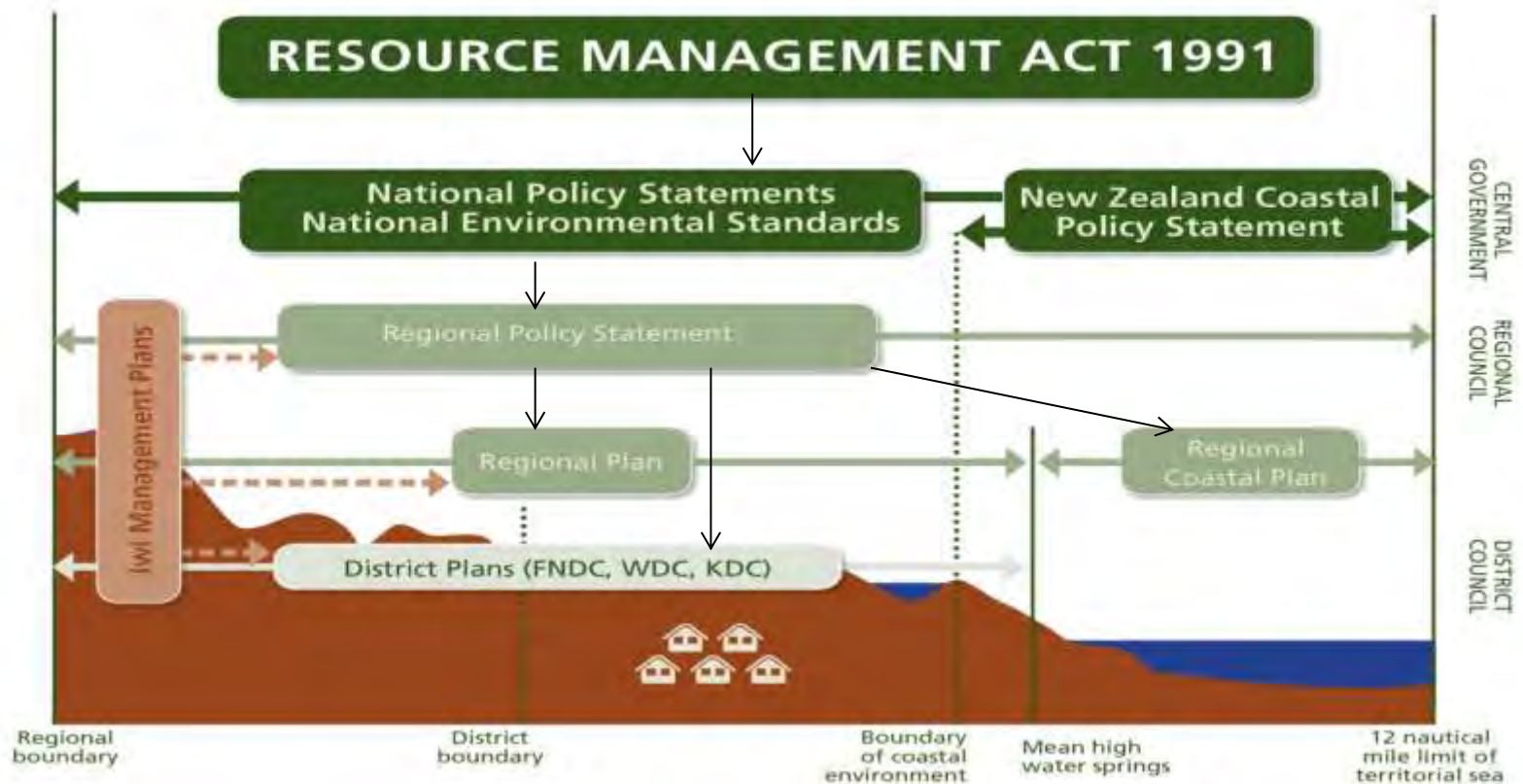


# Extent of worksteam

RMA s30 requirements to control the use, development and/or protection of land for purpose of 'the avoidance or mitigation of natural hazards'



# Hierarchy



Putting Northland first

# Flood hazard risk



Putting Northland first



# What's changed?

- Better information and science about flood hazard risk in Northland – Priority rivers project

<http://www.nrc.govt.nz/floodmaps/>

- Greater direction from higher level documents – P RPS.

# Issues

- Operative RWSP has no specific natural hazards section – FH provisions are scattered across numerous sections.
- Threshold of 'permitted' earthworks in floodplains.
- 'Permitted' threshold for gravel extraction is conservative.
- Stormwater and flooding – overland flow paths not required to be kept clear of obstructions + primary/secondary systems inconsistent

# Potential changes – actively manage FH risk through:

- Policies/rules to manage materially damaged and destroyed buildings in 10 year FH areas.
- New policies/rules for earthworks in floodplains.
- New gravel extraction rules.
- Changes to stormwater rules

# Key questions

- Do you think greater earthworks restrictions are required in flood plains?
- Views/thoughts on regional council managing materially damaged/destroyed buildings?
- Are there any key aspects of regional flood hazard management that we've missed?



# Coastal hazards



Putting Northland first

# Issues

- Need to give effect to higher level documents – NZCPS ('avoid' increasing risk) , P RPS.
- No rules in RWSP to manage 'hard' protection structures.
- Extent of RWSP 'coastal' RMZ – insufficient to manage CH risk (earthworks and vegetation clearance)
- RCP has no specific rules for hard protection structures.

# Potential changes

- New 'coastal margins zone' in RWSP – either zone of active coastal processes or landward extent of areas potentially affected by CHs or 'set' setback distance.
- Policies/rules limiting earthworks and veg clearance on active dune systems (e.g. sand binding grasses).
- Manage hard protection structures on land.
- Specific policies/rules for hard protection structures in CMA.
- NRC 're-consenting' in mapped CH 1 zones.

# Key questions

- Views on RWSP more actively managing coastal hazards – coastal ‘influence’ zone?
- Thoughts/views on RWSP managing hard protection structures?
- Views on NRC re-consenting in coastal hazard 1 areas?
- Have we overlooked any aspect of regional coastal hazard management?



# Wrap up



# Next steps

**Workshops – Oct 2014**

**Review complete – Dec 2014**

**Draft regional plan released – mid 2016**

**Proposed regional plan notified – mid 2017**

# Workshop evaluations



# Thank you

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