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WAY OUT WEST

Dune Restoration of NZ Annual Conference 2014

11 – 13th March 2014

Fitzroy Surf and Lifesaving Club, New Plymouth

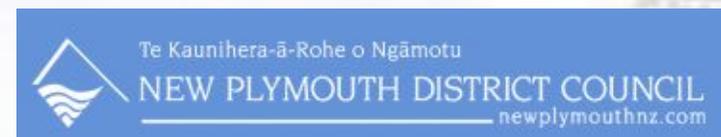


Presentation: Petone Beach

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Conference sponsors



Petone Beach

New Plymouth March 2014

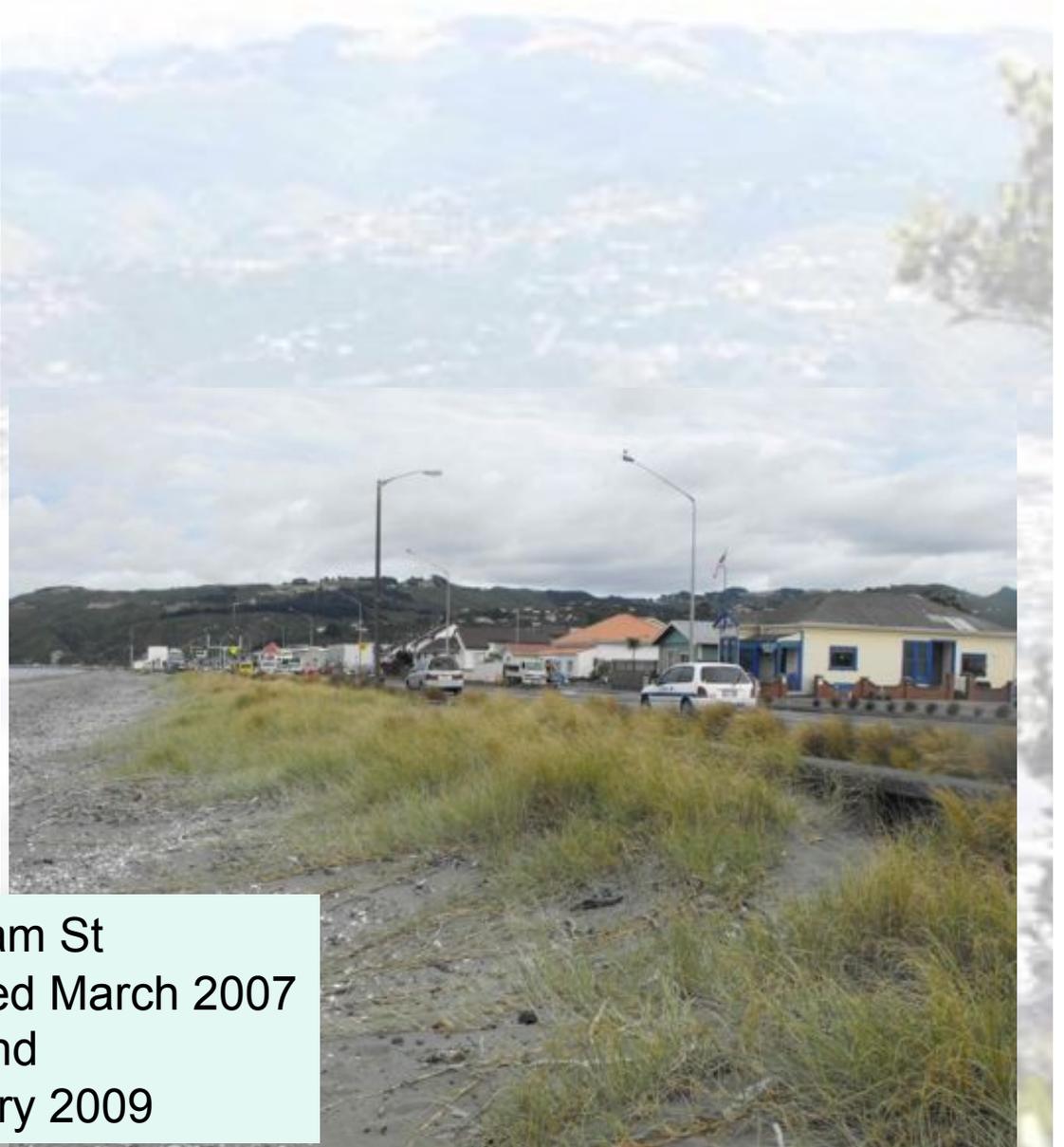
Graeme Lyon
The Friends of Petone Beach







Patrick St 2009



William St
Spinifex planted March 2007
and
February 2009



20 June 2013



20 June 2013

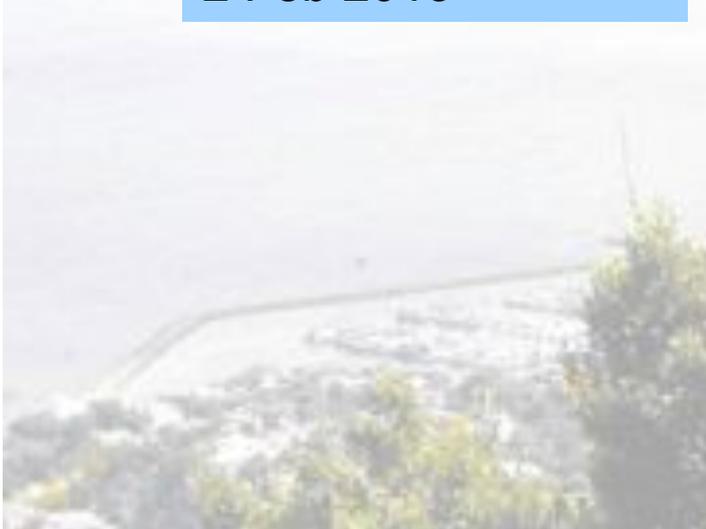




2 Feb 2013

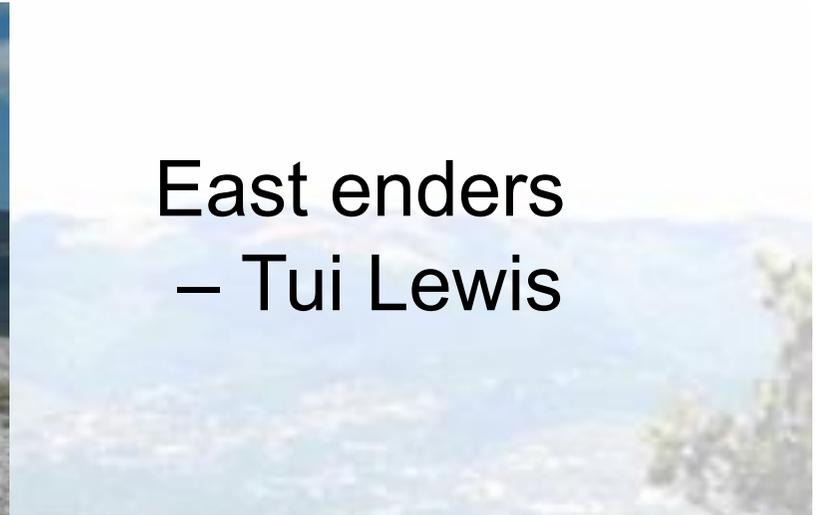
East enders – Tui Lewis

21 June 2013





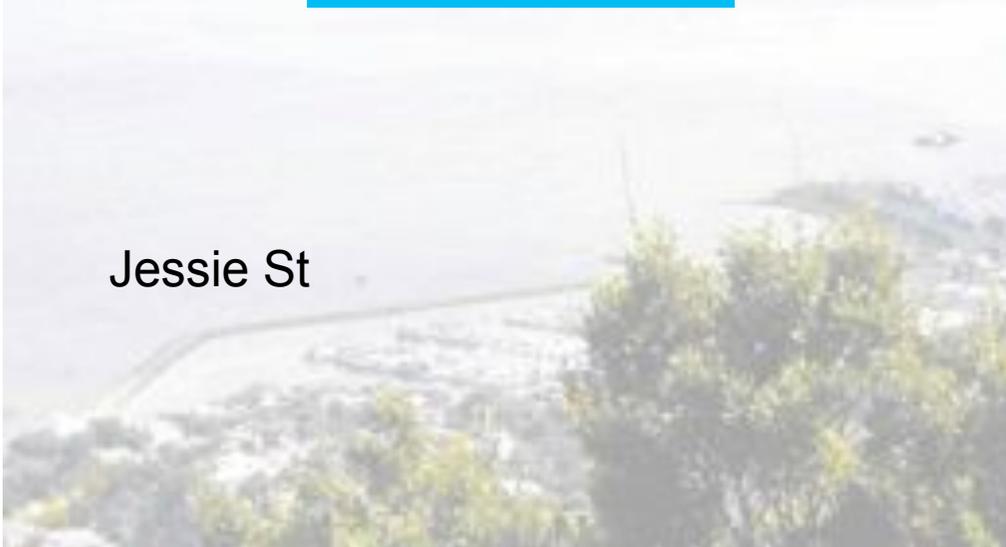
2 February 2013



East enders
– Tui Lewis



5 March 2014



Jessie St



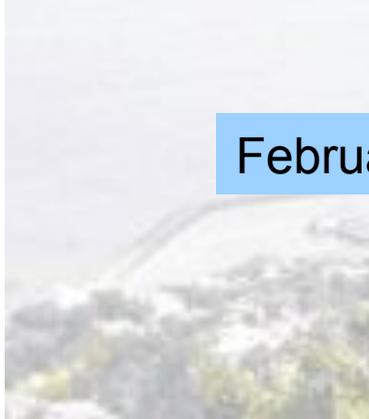
Patrick St 2009



2009



February 2013





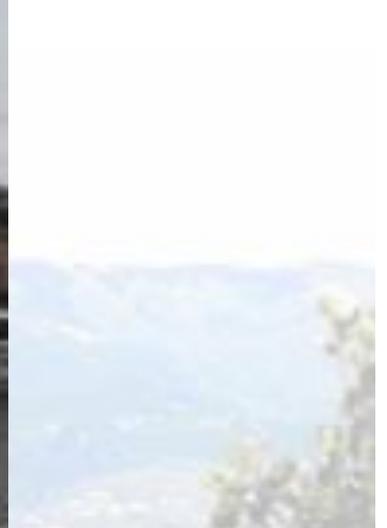
Collins St
January 2012



Patrick St
January 2012



Patrick St 2009



Patrick St
March 2014



Including:

Carex
Spinifex
Calystegia
Pingao

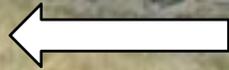
Wild radish
Marram



Patrick St March 2014



Erosion of about 10m of spinifex



21 June 2013



William St 2 Feb 2013





5 March 2014



William St 2 Feb 2013





Tory St, 2 February 2013



Tory St

2 February 2013

20 June 2013





Tory St

2 February 2013

1 July 2013



Major Storm
20 June 2013



2 February 2013

1 July 2013

28 August 2013

16 October 2013



East from Museum 20 June 2013



East from Museum
20 June 2013

20 Oct 2013

5 March 2014

Effect of storm surges



Museum Oct 2007

Effect of storm surges



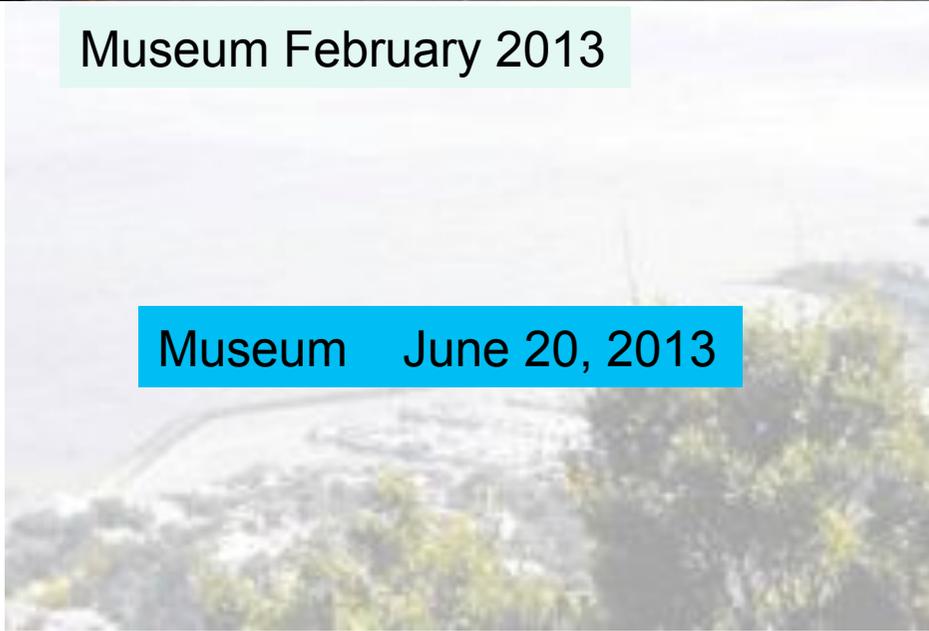
Museum Oct 2007



Museum February 2013



Museum February 2013



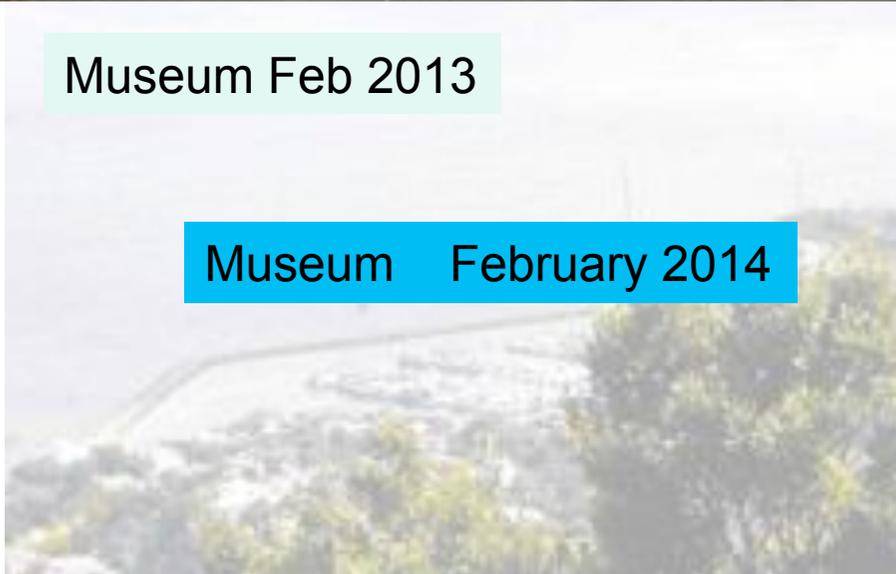
Museum June 20, 2013





Museum Feb 2013

Museum February 2014





Beach St, February 2009
First Spinifex planted
September 2008

More planted spring 2009
April 2010



Beach St, February 2009
First Spinifex planted
September 2008

AND at February 2014



Early planting



BBQ area,
Pingao planted 2004

November 2006



BBQ area, November 2006



February 2013





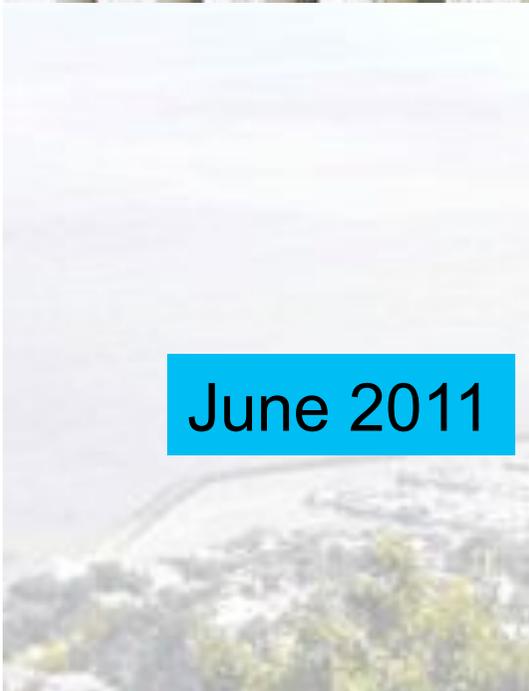
BBQ area, November 2006



February 2014



August 2007,
June 2011



June 2011



February 2013



February 2014



Wharf Car park

December 2012





20 June 2013





December 2012



Wharf Car park



20 June 2013

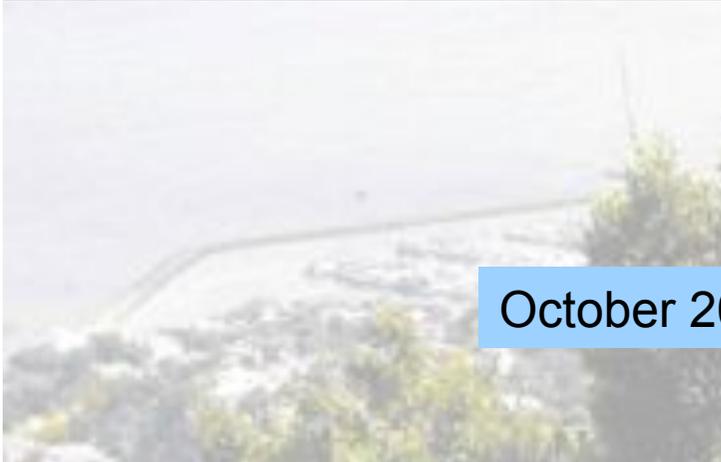


20 June 2013





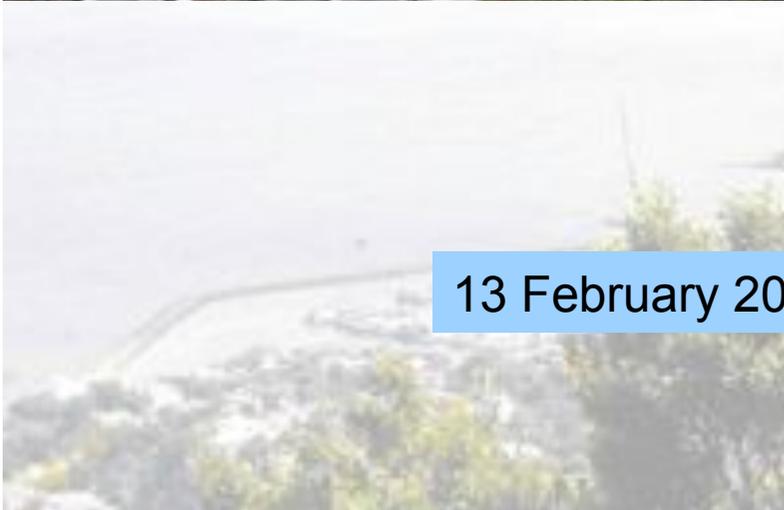
20 June 2013



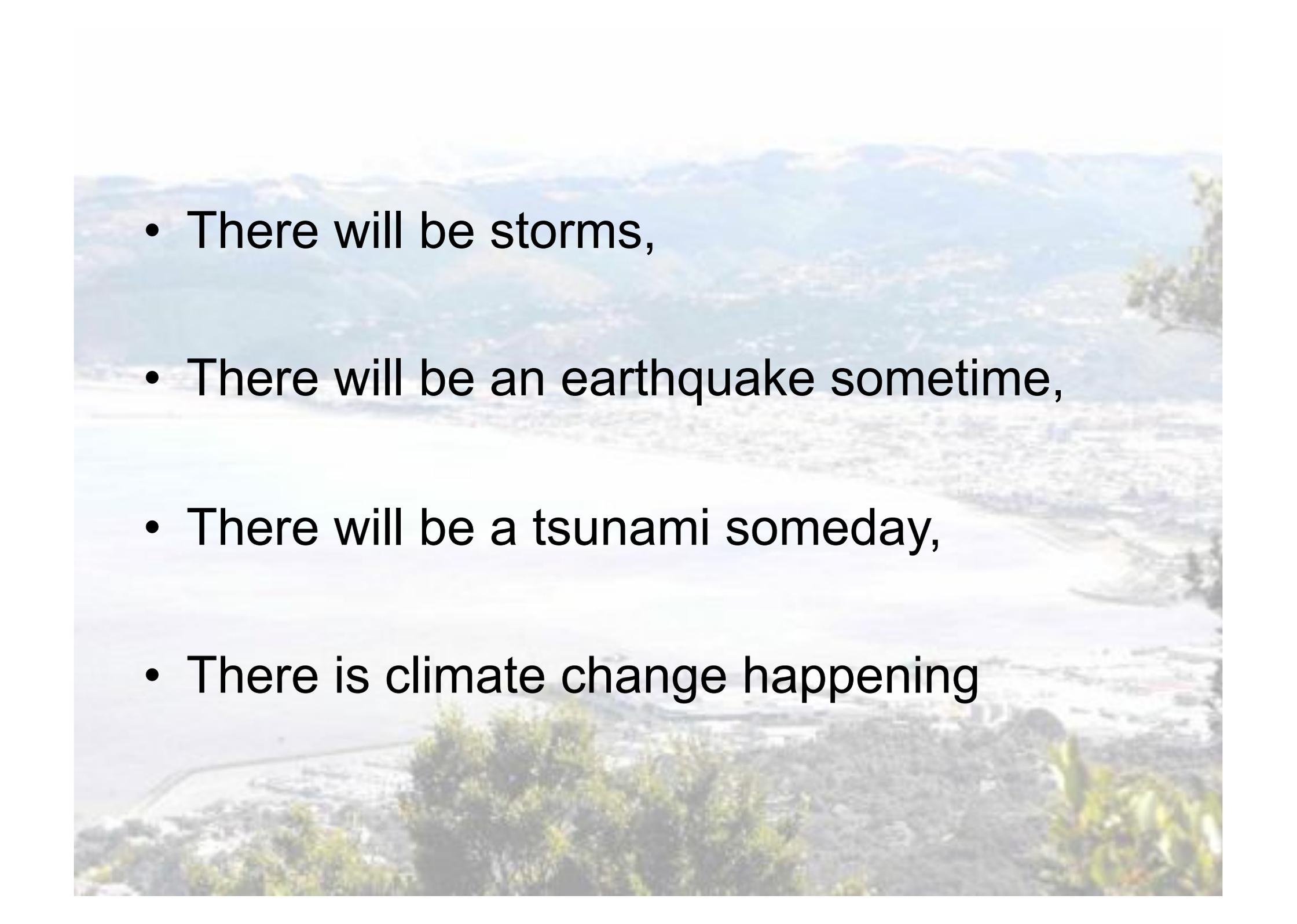
October 2013



20 June 2013



13 February 2014

- 
- There will be storms,
 - There will be an earthquake sometime,
 - There will be a tsunami someday,
 - There is climate change happening

- ***The Petone Dune Restoration Project***

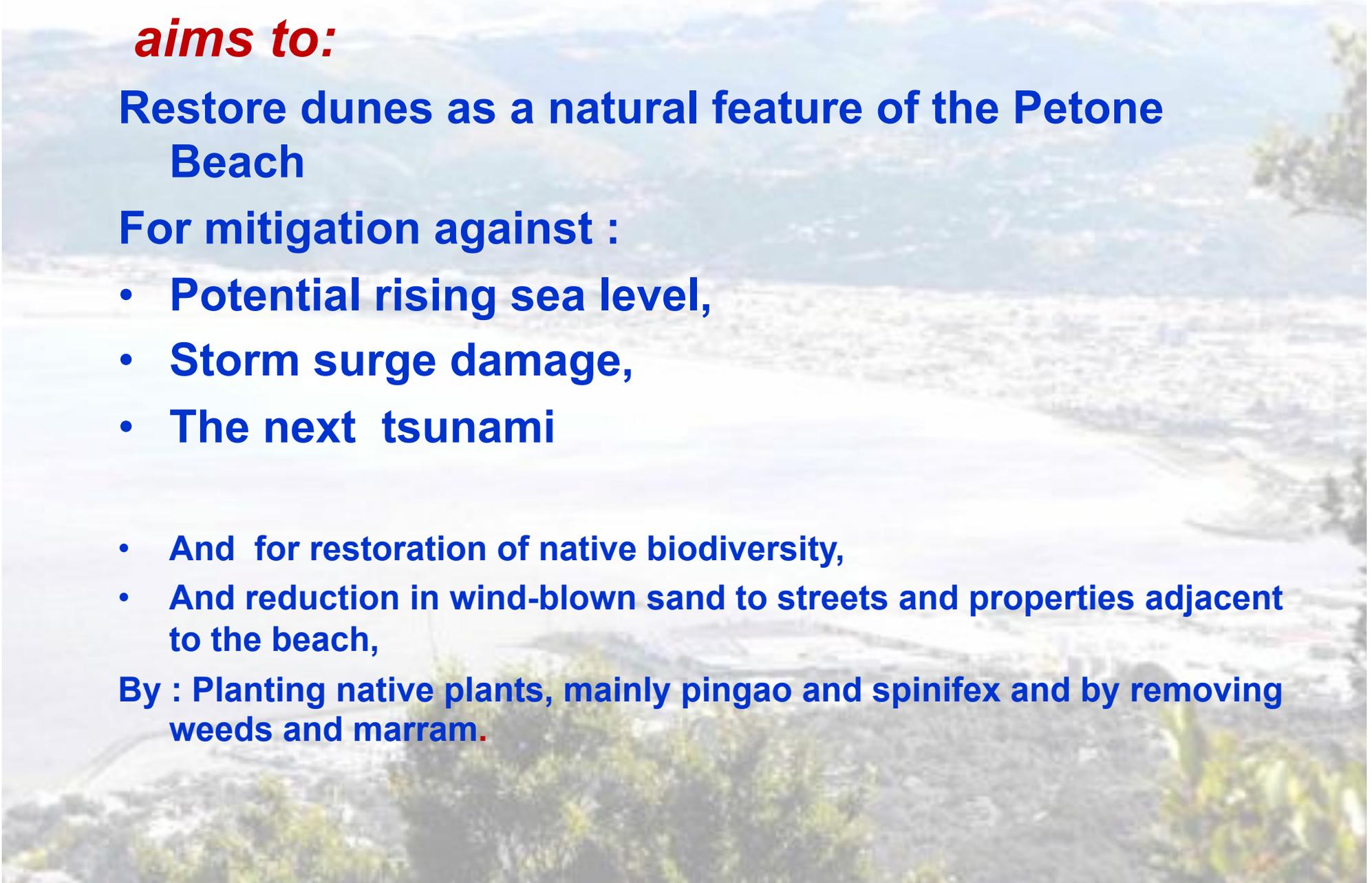
- ***aims to:***

Restore dunes as a natural feature of the Petone Beach

For mitigation against :

- **Potential rising sea level,**
 - **Storm surge damage,**
 - **The next tsunami**

 - **And for restoration of native biodiversity,**
 - **And reduction in wind-blown sand to streets and properties adjacent to the beach,**
- By : Planting native plants, mainly pingao and spinifex and by removing weeds and marram.**





Clearing weather after storm 4 March 2014



June 2011



Godwit,
November 2011

