



exercise

tangaroa

Aim

- To test New Zealand's all of nation arrangements for responding to a national tsunami warning.

Exercise Objectives

Objectives	
1	To validate the implementation of corrective actions from previous events and exercises
2	To establish your state of readiness for your area/function
3	To utilise the national warning system
4	To activate and resource response structure(s)
5	To promulgate public information
6	To utilise scientific information
7	To interact with the media
8	To utilise information management system(s)
9	Implement tactical response actions (optional)

Scenario

- Distant source tsunami originating from South America
- Focus is on *lead-up* to a tsunami, stopping shortly before waves hit New Zealand shores
- Physical land impacts expected
- Shoreline assets or transport links close to sea may be impacted.

Recent tsunami work

- National Warning System
- National Tsunami Advisory and Warning Plan
- Tsunami source modelling
- Mass Evacuation Planning Director's Guideline for CDEM Groups

Recent tsunami work

- Tsunami Evacuation Zones Director's Guideline
- Tsunami Signage Technical Standard
- Tsunami public education brochure
- Tsunami threat levels.

Participation

- **100+** agencies have registered

Levels of Participation

1. Full
2. Partial
3. Facilitation
4. Not Engaged

Lifelines Participation

Full participation

- New Zealand Transport Agency

Partial participation

- Civil Aviation Authority
- Wellington Airport
- KiwiRail
- Vodafone

Lifelines Participation

Facilitation

- Ports of Auckland Ltd
- Lyttelton Port of Christchurch
- Port Otago Limited
- Vector Limited NZ
- Contact Energy Limited
- Orion NZ Ltd
- Transpower

Not Engaged

- Auckland International Airport

How will the exercise work?

- PTWC Bulletins
- National Warning System messages (Advisory and/or Warning)
- Agencies decide their own level of activity:
 - Activate EOC/ Business Continuity Plans
 - Conduct Tabletop exercise.

Regional Hazard Information

- MCDEM collating regional hazard information
- For more information go to the CDEM Group or Territorial Authority.

A large, stylized wave graphic in shades of teal and white, set against a light teal background. The wave is composed of several overlapping, rounded shapes that create a sense of movement and depth. The top of the wave is a bright white, while the lower parts transition through various shades of teal, from light to dark. The overall effect is clean and modern.

Questions?