# Exercise Tangaroa- Recovery Participation Guide

## 1.1 Exercise overview

Exercise Tangaroa 2016 is a Tier 4 (national) exercise led by the Ministry of Civil Defence & Emergency Management (MCDEM) that will be conducted over three days in 2016: 31 August, 14 September, and 28 September. Exercise Tangaroa is based on a **regional source tsunami** (generated less than three hours travel time away from the nearest New Zealand coastline) that impacts the entire New Zealand coastline.

*Note that there will also be two additional activity days held at the national level that will inform the official exercise days two and three: development of a* ***National Situation Report (SitRep) on 8 September*** *and a* ***National Action Plan on 22 September****.*

## Exercise objective for recovery

The overall exercise aim is to test New Zealand’s arrangements for preparing for, responding to, and recovering from a national tsunami impact. Exercise Tangaroa will provide the CDEM Groups with an opportunity to consider recovery coordination arrangements as per the *National Civil Defence Emergency Management (CDEM) Plan 2015*.

The exercise objective for recovery is to:

*Initiate the transition of response to recovery including planning and arrangements.*

The National Recovery Manager recommends a particular focus on:

*Considering and discussing how local recovery needs will be identified, communicated and addressed in the context of a large-scale recovery, including the local and Group relationship with national recovery arrangements and the integration of local initiatives into a larger recovery effort.*

## Expectations

### Day One: Wednesday 31 August 2016 (full scale real-time activation)

On Day One, it is expected that the National Recovery Manager will be activated in accordance with National Crisis Management Centre (NCMC) arrangements. In terms of local and regional level recovery, and recognising that this is an extreme scenario, it is recommended that CDEM Groups:

* Identify the Group Recovery Manager and where appointed, any local recovery managers.
* Provide an opportunity for the Group and Local Controllers to engage with recovery managers and consider the recovery implications affecting response.

### Day Two[[1]](#footnote-1): Wednesday 14 September 2016 (table top discussion exercise)

Whilst Day Two will focus on response elements including welfare and business continuity and will include table top discussion exercises, any discussions held by participants should be cognisant of the recovery implications. ***NB: Day Three[[2]](#footnote-2) will focus on elements of recovery and will also involve table top discussion exercises.***

### Day Three: Wednesday 28 September 2016

Day Three of the exercise is nominally two weeks after the impact with the focus having moved from immediate life safety and welfare needs to sustainable temporary arrangements and transition to long term recovery.

The scale of the recovery will provide the greatest challenge in conducting discussions on Day Three. Whilst some CDEM Groups are practiced at small and medium scale recovery, none have practice with the large-scale multi-jurisdictional recovery considerations presented by this scenario.

As a discussion exercise, it will be beneficial to consider two factors in terms of the four environments (built, social, natural, and economic):

* What do we have in place now that enables recovery on this scale?
* What are the impediments to recovery?

CDEM Groups are encouraged to explore any aspect of recovery they consider relevant and important.

At the conclusion of Day Three, it is envisaged that there will be more questions than answers. These questions will inform the development of New Zealand’s framework for recovery from large-scale emergencies.

As part of Day Three’s activities, MCDEM will not be running specific activities for CDEM Groups – it will be up to each Group to decide on their priorities and activities and to feedback on what activities are undertaken. MCDEM will be running a National Recovery Forum on Day Three, but will not be running any teleconferences or activities requiring Group involvement on this day.

National-level recovery activities

Consideration of the possible recovery implications from response decisions will be noted from Day One of the exercise.

National level agencies will meet to consider the:

* recovery model connecting local and regional implementation with national level direction and coordination
* statutory framework to enable recovery including a Recovery Act as well as implications to the Resource Management Act, Local Government Act and others, and
* implications to trade and economy, including exports and tourism
* consequences to the social fabric of New Zealand.

Regional-level recovery activities

In discussing local arrangements for recovery and integration to a larger national recovery framework CDEM Groups could consider the medium to long term consequences of the scenario to anything they consider relevant. This will encourage Groups to think widely and without limitation. The following list is a simple starter for Groups:

* housing stock – how many are homeless?
* lifelines infrastructure including roads, water, sewerage, electricity, gas, telecommunications, airport and port facilities
* local trade and businesses
* health services
* education
* land and property remediation, acquisition, re-zoning, abandonment
* reconstruction.

At the conclusion of the discussion, we anticipate Local and CDEM Group Recovery Managers and the local authorities will have a significant list of questions for the Government to consider.

## Evaluation

If you use the template at **Appendix 1** for a table top discussion on recovery, please return the completed template with your exercise evaluation form (see separate instructions for submitting evaluation forms noted on each evaluation form). This will allow the Exercise Coordinators to ascertain the scope, fruitfulness, and depth of the workshop discussion and help shape the picture on a national scale.

Please note that all exercise participants are expected to complete exercise evaluation forms regardless of the number of days of participation.

###### Appendix 1: Discussion exercise – Day Three, Recovery

1. **Please complete the form below and;**
2. **Add this as an appendix to your evaluation form.**

*The table below provides sections for completion split into two parts - recovery framework considerations, and theme discussions focused on each of the four recovery environments (built, social, environment, economic). Please provide a summary of the key discussion points for as many themes as you choose to discuss in the time you have available (add more lines to the table as required).*

| **Contributor Details** | |
| --- | --- |
| **Date of Discussion** |  |
| **Agency Name:** |  |
| **Contributor Name:** |  |
| **Phone:** |  |
| **Mobile:** |
| **E-Mail:** |

|  |  |
| --- | --- |
| **Framework considerations** | |
| What do you have in place now that would enable recovery on this scale? |  |
| What are the impediments to recovery? |  |
| **Built environment (add theme and comments)** | |
| *Theme examples (please select one or more topics for discussion and to provide comments)*   * *Shelter and accommodation, including camps* * *Land use planning and re-zoning* * *Regional policy statements* * *Statutory acquisition of land* * *Port and airport consequences* | |
| Theme: | Comments: |
| Theme: | Comments: |
| **Social environment (add theme and comments)** | |
| *Theme examples (please select one or more topics for discussion and to provide comments)*   * *Systems and processes for enabling political direction* * *Memorials and anniversaries* * *Psychosocial support* * *What are the priorities – schools, health care, infrastructure, housing etc* | |
| Theme: | Comments: |
| Theme: | Comments: |
| **Natural environment (add theme and comments)** | |
| *Theme examples (please select one or more topics for discussion and to provide comments)*   * *Coordination arrangements* * *Waste management/disposal* * *Environmental impacts e.g. salt water intrusion of land and aquifers* | |
| Theme: | Comments: |
| Theme: | Comments: |
| **Economic environment (add theme and comments)** | |
| *Theme examples (please select one or more topics for discussion and to provide comments)*   * *Financial issues – rates take, Crown support* * *Insurance* * *Statutory acquisition of land* * *Systems and processes for enabling political direction* * *The relationship between central and local government* * *How legislation might affect local determination* * *Local economy consequences* | |
| Theme: | Comments: |
| Theme: | Comments: |
| **Other comments/ discussion points:** | |
|  | |

1. Notionally the day after Day 1. [↑](#footnote-ref-1)
2. Notionally two weeks after Day 1. [↑](#footnote-ref-2)