

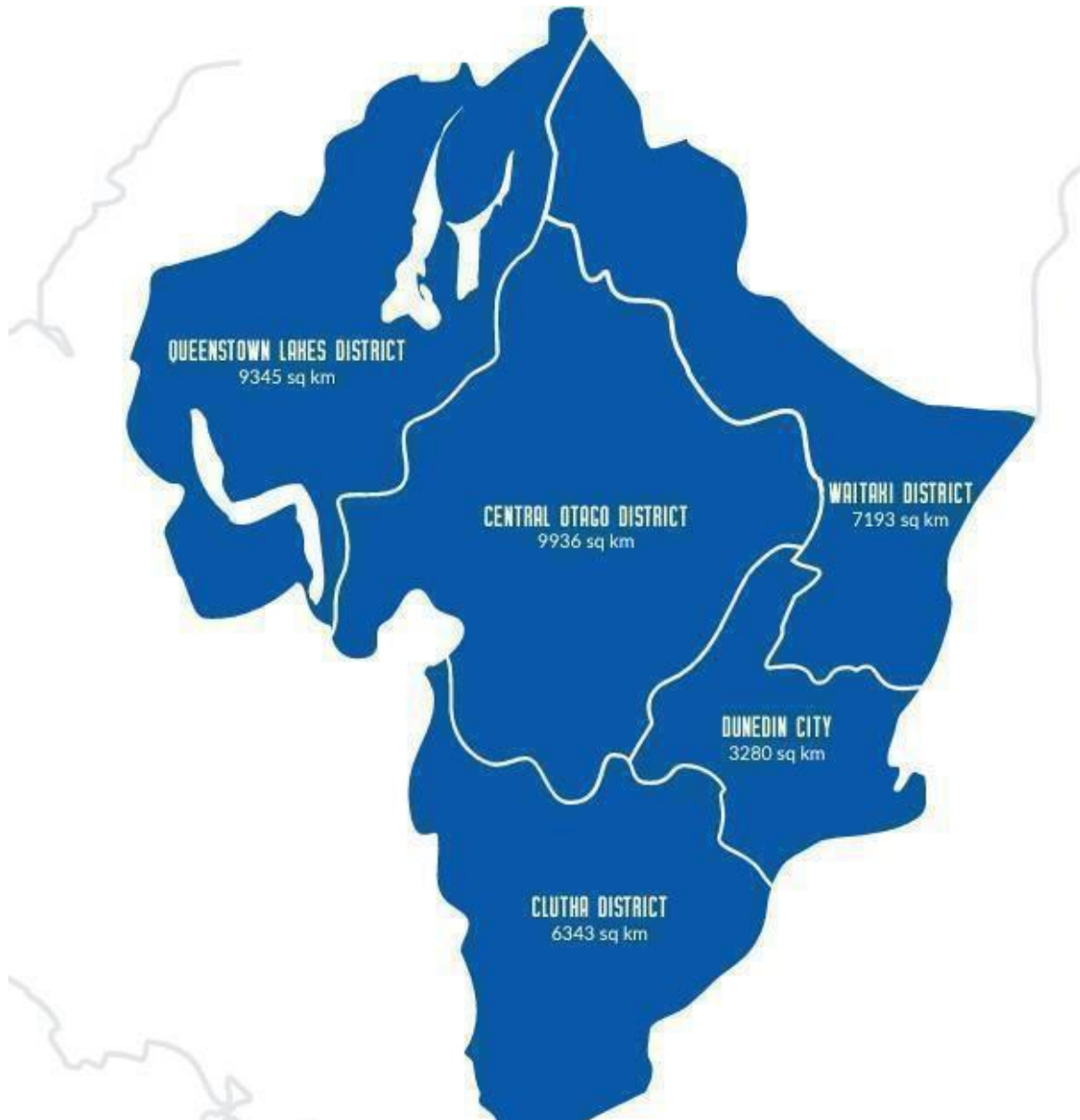


Emergency Management Otago

Te Rākau Whakamarumarū Ōtākou

Otago Civil Defence and Emergency Management Joint Committee

Date: Thursday, 5th September 2024
Time: 3.00 PM
Venue: ORC Council Chamber
Level 2, Philip Lange House
144 Rattray St, Dunedin



Otago Civil Defence and Emergency Management Joint Committee Membership

Members

Gretchen Robertson	Chairperson, Otago Regional Council (Chairperson)
Jules Radich	Mayor, Dunedin City Council (Deputy Chairperson)
Tim Cadogan	Mayor, Central Otago District
Bryan Cadogan	Mayor, Clutha District Council
Glyn Lewers	Mayor, Queenstown Lakes District
Gary Kircher	Mayor, Waitaki District Council

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1. Karakia Timatanga - Opening

The meeting will be opened with a karakia.

2. Apologies

3. Minutes

- 3.1 Unconfirmed Minutes – Otago Civil Defence and Emergency Management Group – Joint Committee – 6th June 2024

Recommendations

That the Otago Civil Defence and Emergency Management Group – Joint Committee:

Confirms the minutes from the Otago Civil Defence and Emergency Management Group – Joint Committee meeting held on 6th June 2024.

Attachments

1. Otago Civil Defence and Emergency Management Group – Joint Committee Unconfirmed Minutes 6th June 2024 [3.1.1 - 4 pages]



Emergency Management Otago

Te Rākau Whakamarumarū Ōtākou

Otago Civil Defense and Emergency Management Group - Joint Committee

TERMS OF REFERENCE

(Created August 2023)

The Otago Civil Defense Emergency Management (CDEM) Group Committee, a joint committee that comprises elected representatives of local authorities within the region, was formed under the Local Government Act 2002 pursuant to section 12 of the CDEM Act 2002.

Members of the Group Joint Committee are the mayor or chairperson (or delegated councilor) from Waitaki District, Queenstown Lakes District, Central Otago District, Clutha District, Dunedin City, and the Otago Regional Council. Although Waitaki District falls within the boundaries of both Canterbury and Otago Regional Councils, the Waitaki District Council has elected under section 14(2) of the CDEM Act to be a member of the Otago CDEM Group. The Otago CDEM Group may invite observers to attend its meetings. The CDEM group exercises governance and determines CDEM policy for member authorities in relation to risk analysis, reduction, readiness, response, and recovery from emergencies.

The powers and obligations of members of the Otago CDEM Group are set out in section 16 of the CDEM Act. The functions of the CDEM group and its members, as detailed in section 17 of the CDEM Act, are to:

- identify, manage, and reduce relevant risks and hazards.
- ensure suitably trained and competent personnel for all CDEM Group roles are available.
- organize resources, services, and information for the Otago CDEM Group
- respond to and manage the effects of emergencies.
- carry out recovery activities.
- when requested, assist other CDEM groups if practicable.
- promote and educate the public on CDEM and its purpose.
- monitor and report on compliance with the CDEM Act
- develop, implement, monitor, and regularly review the Otago CDEM Group Plan
- participate in the development of the National CDEM Strategy and the National CDEM Plan, and
- promote all aspects of CDEM in the Otago region.

The Group will:

- provide strategic direction through the Otago CDEM Group Plan
- approve the Otago CDEM Group budget.
- approve and monitor the Otago CDEM Group annual work programs.
- appoint Controllers and delegate powers as required,
- appoint a Recovery Coordinator

The CDEM Group should meet each quarter or as required. The procedure for the conduct of meetings will be in accordance with the Local Government Act.

Meetings are held in public.

A quorum will consist of three members.

A chair and a deputy will be elected, usually following local body elections.

Should the chair or deputy chair resign or otherwise not be available, a replacement will be elected at the next Otago CDEM Group meeting.

The Group will not be discharged by a local body election (section 12 of the CDEM Act).

Following a local body election, any previous delegations made by a local authority under section 13(4) of the CDEM Act must be renewed or rescinded.

In accordance with local government procedures, decisions made by the Otago CDEM Group are binding on all members.

In accordance with section 18(1) of the CDEM Act, the Otago CDEM Group may delegate any of its functions to a member of the Group, the Group Controller, or other persons. These delegations are made by a resolution at a CDEM Group meeting.

Common Civil Defense and Emergency Management Acronyms

CDEM	Civil Defence Emergency Management
CEG	Coordinating Executive Group
CIMS	Coordinated Incident Management System
COP	Common Operating Picture
D4H	Emergency Operations Platform
DIA	Department of Internal Affairs
ECC	Emergency Coordination Centre
GEM	Group Emergency Manager
EMA	Emergency Management Advisors
EOC	Emergency Operations Centre
FENZ	Fire and Emergency New Zealand
GIS	Geographic Information System
IMT	Incident Management Team
JC	Joint Committee
TLA	Territorial Local Authority
LUC	Lifelines Utility Coordination Group
MPI	Ministry of Primary Industries
MSD	Ministry of Social Development
NCC	National Coordination Centre
NCMC	National Crisis Management Centre
NEMA	National Emergency Management Agency
NEMDG	National Emergency Management Development Group
NZ - EMAT	NZ Emergency Management Assistance Team
RAG	Rural Advisor Group
R & R	Readiness and Response Group
SIG	CDEM Special Interest Group
WCG	Welfare Coordination Group
4Rs	Reduction, Readiness, Response and Recovery

3.1.1 Minutes of the Otago Civil Defense and Emergency Management Group, Joint Committee held in Council Chambers and via Zoom, Philip Laing House, Rattray St, Dunedin on 6th June 2024.

Members Present:

Gretchen Robertson Chairperson, Otago Regional Council (Chair)
Jules Radich Mayor Dunedin City Council (Deputy Chair)
Tim Cadogan Mayor Central Otago District - online

In Attendance:

Peter Kelly Chief Executive, Central Otago District Council - online
Richard Saunders Chief Executive, Otago Regional Council
Alex Parmley Chief Executive, Waitaki District Council - online
Matt Alley Regional Manager, CDEM
Mel Banks Lifeline Program Lead – Online
Erica Andrews Stakeholder Engagement Advisor
Jason Michie Emergency Management Advisor, Clutha
John Mawhinney Readiness and Response Advisor
Kylie Darragh Governance Support Officer
Simon Chambers
Jamie Ruwhiu

Karakia Timatanga - Opening

Chair Robertson opened the meeting with a karakia at 3:02pm

1. Apologies

Sandy Graham Chief Executive, Dunedin City Council
Gary Kircher Mayor, Waitaki District Council
Bryan Cadogan Mayor, Clutha District Council
Glynn Lewers Mayor, Queenstown District Council
Mike Theelen Chief Executive, Queenstown District Council
Steve Hill Chief Executive, Clutha District Council

The apologies were noted.

2. Attendance

Members listed as above.

3. Minutes

Confirmation of the Minutes for Otago Civil Defence and Emergency Management Group Joint Committee 14th March 2024

Moved Chair Robertson
Seconded Mayor Cadogan

CARRIED

4. Report Items

4.1 Managers Report

Matt Alley took the opportunity to formally thank and congratulate Paula Cathie and Chris Brooker to their new roles. There is one more role being recruited for Administration Support Coordinator.

Action item: Declaration Workshop, is now complete.

The NEMA Review of the 2023 North Island Severe Weather Events findings and recommendations were contained in the report and to be further addressed in matter 4.8 NEMA Update.

Recommendation

1. That the Otago CDEM Joint Committee **Receives** this report.

Moved Chair Robertson

Seconded Mayor Radich

CARRIED

4.2 Otago Lifelines Update

Mel Banks, Lifeline Program Lead was available to respond to questions on the report. The first draft of Otago Vulnerability will be available at end of this month.

Recommendation:

That the Otago CDEM Joint Committee

1. **Receives** this report.
2. **Notes** the updates from the Otago Lifeline Utilities Group (Minutes).

Moved Chair Robertson

Seconded Mayor Cadogan

CARRIED

4.3 Community Resilience Update

Erica Andrews, Stakeholder Engagement Advisor and Paul Allen, Resilience Advisor, updated the members that the Community Resilience survey closed 8 May with 2300 responses, which is almost double from last year. The full report on this will be provided at the next meeting.

Recommendation:

That the Otago CDEM Joint Committee:

1. **Receives** this report.

Moved Mayor Radich

Seconded Chair Robertson

CARRIED

4.4 Training and Capability Update

John Mawhinney, Readiness and Response Advisor was available to respond to questions on the Training and Capability Update. The upcoming exercises, in September, will focus on a sustained period of response, and will be a lot more complex and ambitious in outcome. Until then, new staff will be prioritized in training.

Recommendation:

That the Otago CDEM Joint Committee:

1. **Receives** and accepts this report.
2. **Notes** Exercise Ohotata Concept Plan for this year's exercise program.

Moved Chair Robertson

Seconded Mayor Radich

CARRIED

4.5 Finance Update

Matthew Alley, Group Manager, Emergency Management, was available to respond to questions on the report. Mayor Tim Cadogan asked if a comparison of last year's figures could be provided concurrently to this report so that the Committee can note how things are tracking.

Recommendation:

That the Otago CDEM Joint Committee:

1. **Notes** the report.

Moved Mayor Jules Radich

Seconded Chair Robertson

CARRIED

4.6 Annual Plan 2024-2025

Matt Alley, Group Manager, Emergency Management presented the Annual plan which was described as largely a continuation from last year, enabling community resilience with defined activities as per the Group Plan Objectives 2018/2028. There was an opportunity for questions and discussion.

Recommendation:

That the Otago CDEM Joint Committee:

1. **Approves** the 2024/25 Emergency Management Annual Plan
2. **Endorses** the 2024/25 Annual Plan for adoption commencing 1 July 2024 ending 30 June 2025.

Moved Chair Robertson

Seconded Mayor Jules Radich

CARRIED

4.7 Emergency Management System Reform

Matt Alley, Group Manager, Emergency Management was available to respond to questions and shared a slide show on the current emergency management system and the DPMC key findings and activities which could offer quick wins with no significant funding. Longer term activity require investment, and a fit for purpose funding model. Considering the risk issues and mitigations and with a history of under-investment in emergency management, New Zealand was described as the 2nd most at risk county in the world.

Recommendation:

That the Otago CDEM Joint Committee:

1. Notes and receives the paper.

Moved Chair Robertson

Seconded Mayor Jules Radich

CARRIED

4.8 National Emergency Management Agency – Update

Simon Chambers was available to respond to questions. Exercise Rū Whenua 2024 is a current focus, planning of which will continue for the next few weeks.

Next meeting will be held on **5th September 2024**.

5. Karakia whakamutunga

There was no further business and the meeting closed at 4:07PM with karakia from Chair Robertson.



Emergency Management Otago

Te Rākau Whakamarumarū Ōtākou

4 Report Items

4.1 Managers Report

Prepared For: Otago CDEM Joint Committee

Activity: Group Manager Update

Author: Matt Alley

Date: 5th September 2024

4.1.1 Staffing

I am pleased to update you that the final vacancy has been filled and I would like to welcome Mary Ferguson to the Emergency Management Otago Team. Mary is undertaking the Admin Support Coordinator position. Mary comes to the team with a wealth of emergency management experience from her previous roles with the Federal Emergency Management Agency in the United States.

4.1.2 Action Items

Source Date	Action	Actioned By	Status
Nil	Nil	Nil	Nil

4.1.3 NEMA –Review of Reviews into the 2023 North Island Severe Weather Event

NEMA has completed a review (currently in draft form) of the 19 after-action reports and reviews associated with the 2023 North Island Weather events.

Five themes have been identified as common threads through all reviews.

- **Communities:** Community Resilience, Iwi Māori, Welfare, Public Information, Engagement and Recovery.
- **Command, Control, Coordination:** Incident management, decision-making, leadership, operational planning, intelligence, situational awareness, and interoperability.

- **Resources:** People, equipment, technology and systems, finance, and facilities.
- **Capability Development:** Training and development.
- **Governance Strategy and Planning:** Processes, health safety and wellbeing, structure, and business continuity.
- ❖ A full copy of this report will be circulated once it is finalized

4.1.4 Report of the Government Enquiry into the Response to the North Island Severe Weather Events

- ❖ The Civil Defense Emergency Management Special Interest Group met over three days (21-23 May) to review and formally respond to the North Island Severe Weather Event Report.
- ❖ The full response (submitted to DPMC) has been attached as 'Appendix A'.
- ❖ Since then, work has progressed with a focused team at DPMC facilitating six workshop sprints. Representatives from CDEM Group were invited and participated in all workshops.
- ❖ These workshops will assist in defining advice provided to Cabinet in September, outlining the next steps and a roadmap for Emergency Management System reform.
- ❖ The workshop topics were defined as the following:
 - How do we enable individuals and communities to be self-reliant and how do we enable community organizations to participate at all levels?
 - How might we deliver flexible and responsive funding for emergency management?
 - How might we clarify roles and responsibilities for different groups?
 - Is the model, based on local leadership fit for purpose?
 - Is the 'lead agency' ' support agency' model fit for purpose?
 - What is the role of NEMA across the 4Rs and is it fit for purpose?

Workshop information is in the process of being compiled and will be circulated once received.

4.1.5 2023 – 2024 Annual Report Deliverables

Establish the priorities for coordinated risk management and improvements in resilience in Otago			
Activity	Deliverable	Measure	
Maintain and ensure further development of the Lifeline Utilities Programme.	Create Lifelines event activation protocols including alternative communications contingency.	The plan was received and accepted by Lifeline Partners.	Completed
	Complete Priority Routes Project.	All relevant data was captured on Lifelines GIS viewer; an initial analysis was completed on hazard impacts with a workshop to present findings.	Completed, awaiting final delivery by the project team.
	Investigate solutions for a wide area damage assessment tool.	Options analysis completed.	Completed – Quick capture tool created and available
Develop and maintain strong public engagement across the region.	Maintain growth in Gets Ready.	10% growth in each council district.	Achieved – 13.9% Increase
	Host annual PIM forum.	As evidenced by the agenda and attendance info.	Completed – 55 Attendees
	Continue to grow social media presence.	Facebook + 10% - Twitter 10%	Not Achieved Facebook 5.4% X (Twitter) – 1%

Improve people's knowledge of the region's vulnerability to hazards			
Activity	Deliverable	Measure	
Support the development of credible research and investigation across all risk groups.	Continued support for the AF8 project.	Maintain funding contribution. Steering Committee Membership.	Completed
	Leith / Lindsay flood/stormwater modelling to support emergency planning.	The operational plan reviewed and accepted by the local Emergency Service Committee.	Not started - planned for 24 – 25 Annual Plan
	Balclutha trigger levels – evacuation plan.	The operational plan reviewed and accepted by the local Emergency Service Committee.	Work underway, not completed
Provide access to information from credible sources.	Map Viewer on the website.	Operational Map Viewer integrated into the website for use during response – live feeds from NZTA and MetService to be established.	Completed
Review the level of knowledge in relation to the hazardscape and risks within the region.	Completion and review of annual preparedness survey.	Survey was reviewed with priorities established for 24 – 25 AP.	Completed

Undertake public and internal education to raise awareness of risks and hazards in the region.	Deliver a training and capability strategy to meet this need.	Strategy completed and accepted by CEG.	Completed
	Complete and deliver Resilience Strategy.	Strategy completed and accepted by CEG.	Completed
	Covertex Exercise with CDC volunteers.	One exercise is to be held in each district with volunteers.	Partially Completed

Collaboratively plan and implement reduction and or mitigation measures for risk priorities

Activity	Deliverable	Measure	
Continually review the risks and hazards cape.	Participate in the ORC Regional Risk Assessment Project to ensure the product is fit for CDEM consumption.	Risk assessment is completed with known hazard data encompassing impacts across the four environments.	Completed
	Develop a business case for Level 3 tsunami zone mapping in coastal Otago.	Presented to CEG as part of the LTP process.	Partially Completed
	Define a collaborative process for wildfire planning with FENZ at a community level.	Documented framework accepted at R and R and ESCC meetings.	Not completed

Work with strategic partners and neighbouring regions to ensure a collaborative approach to risk and response.	Maintain a high level of proficiency across the D4H platform.	Frequent training and desktop exercise delivered – reported to CEG.	Completed
	Development of geospatial platform to include: <ul style="list-style-type: none"> • Wide area damage assessment • Rapid Building assessment • Welfare needs assessment • Vulnerability planning tool • Lifelines viewer 	Functional platform available for use.	Completed
	Each EOC / ECC to workshop D4H plays for wildfire/flood / EQ/tsunami with the team.	Objective reviews are completed by the team leader group and reported on to the liaison committee.	Completed

In partnership with local councils support and assist communities with emergency planning

Activity	Deliverable	Measure	
Work with communities that do not yet have plans to develop such plans.	Complete and deliver CRG Framework.	Each district is to have 3 new response plans developed.	Partially Delivered
	Contribute to the creation of a multi-agency Outram flood plan.	Completed plan and socialised with all agencies involved.	Work underway, not completed

Support communities that already have plans to maintain or update these as needed.	Complete and deliver CRG Framework.	Each district is to have 3 CRGS completed the framework.	Partially Delivered
Communicate with communities about changes in risk and readiness.	Complete and deliver CRG Framework.	Vulnerability(HEA) workshops delivered to 3 CRGS.	Partially Delivered
Provide information that is robust, credible, and trusted, so that during an emergency Otago CDEM is the preferred source of information for communities.	Duplicate– see website map viewer.	Duplicate– see website map viewer.	Completed
Include recovery in emergency plans and leverage the current process to talk to the community about recovery.	A recovery workshop was developed for CRGs to attend collectively.	One forum per district delivered.	Not completed
Collaboratively develop plans for emergencies			
Activity	Deliverable	Measure	
Develop and maintain relationships with other emergency management groups throughout New Zealand.	Participate in SI regional training and exercises.	Updates fed into lessons learned framework and team meeting updates	Completed

	Continue to develop staff with surge support opportunities.	Debrief reports – presented to CEG.	Completed
Encourage and support business continuity planning.	Resilient Orgs roadshow delivered annually.	1 x presentation per district each year.	Not Completed – (Funding)
Actively support welfare, rural support and lifeline utility programmes and committees.	Chair and deputy chair both committees.	Report on activity to CEG.	Completed
Develop and maintain relationships with Te Rūnanga o Ngāi Tahu to prepare for respond to and recover from adverse events.	Implement the Manila Liaison Role.	Survey completed with Mana Whenua and Ngāi Tahu.	Completed
Identify and apply lessons from events outside and within Otago			
Activity	Deliverables	Measure	
Review lessons from past events to identify best practices.	Quarterly agenda item for team meeting – case study to be presented.	Evidenced by meeting minutes and agendas.	Completed
Apply lessons learnt from others.	Create and maintain actions register – reported on to CEG.	Register created and reported on.	Completed

Through governance, cooperation, coordination, and resource provision provide for adequate capability and capacity

Activity	Deliverable	Measure	
Align processes and training across all areas of business.	<p>Create Training and Capability Strategy.</p> <p>Deliver training and Capability framework.</p> <p>Ongoing development of CDEM workforce.</p>	<p>The Strategy is delivered and accepted by CEG (duplicate).</p> <p>The strategy is delivered and accepted by CEG (duplicate).</p> <p>In line with the Training and Capability Strategy</p>	<p>Completed</p> <p>Completed</p> <p>Completed</p>
Plan for a seamless transition to recovery.	Creation of a recovery tool kit.	The tool kit is available online as a resource for all recovery managers.	Not Completed
Report against the Group Plan, keeping this plan 'living' and adapting it as necessary.	CEG and JC reporting – formal review of Group Plan due August 2024. Investigate options for consultants to deliver on this.	Paper on recommendations to CEG.	Partially Completed

2023 – 2024 High-Level Metrics	
Managing Risk	
Measure	Method of Collection – Preparedness Survey
People who have an emergency kit (stored food, water, a radio, batteries, and a torch).	2018 – 29% 2022 – 72% 2024 – 74%
People who have an emergency plan for when they are at home.	2018 – 42% 2022 – 48% 2024 – 31%
People have at least three litres of water stored per person, per day for seven days.	2018 – 57% (3 Days) 2022 – 34% 2024- New Question as below - Intend to take further steps to prepare - 42%
Effective Response to and Recovery from Emergencies	
Appropriate Coordination and Operation Centre Staff are trained and capable.	Quarterly reporting on the Training and Capability Strategy (Standard met)
Coordination and operational (ECC and EOC) facilities have the appropriate resilience and functionality.	Facility and equipment W.O.F. checks. + Annual Exercises (See Figure 1)
The annual recovery workshop is well-attended.	Attendance figures and representation from all districts. (Not delivered)
Enabling, Empowering and Supporting Community Resilience	
Number of residents who have a good understanding of the risks and effects of disasters in their area.	Preparedness survey (new). 2024 – 79%
Increase in groups registering for National Shakeout and Tsunami Hikoi campaign.	Registration statistics – NEMA (new). 2023 - 27,497

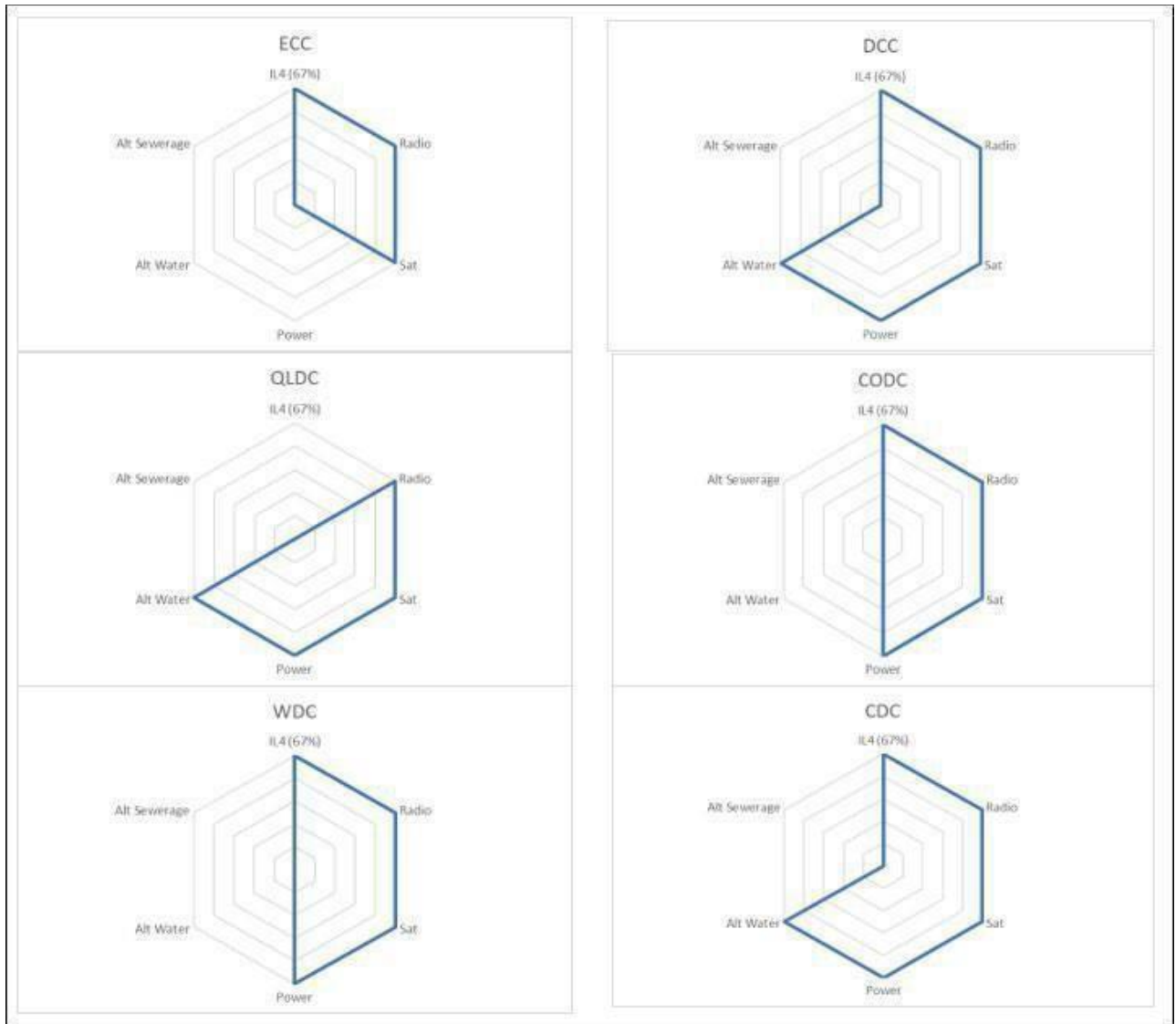


Figure1 –Operation and Coordination Centre Capability

Recommendation

That the Otago CDEM Joint Committee **receives** this report.



4.2 Otago Lifelines Update

Prepared For: Otago CDEM Joint Committee

Activity: Otago Lifelines Update

**Author: Mel Banks Date:
5th September 2024**

PURPOSE

This report informs the Joint Committee (JC) of the activity undertaken at the Otago Lifeline Utilities Group meeting on 12 August 2024.

EXECUTIVE SUMMARY

The Otago Vulnerability and Interdependency Assessment contracted to Toa Consulting, released the first draft to Emergency Management Otago in July for internal review. The second draft was released to a wider audience on 27 August with a 2-week deadline for feedback. Toa Consulting anticipates the sign-off of the Vulnerability Assessment and associated Executive Summary by the end of September / early October.

The Alpine Fault Magnitude 8 (AF8) Priority Routes project has finished adding data to the GIS platform captured during the South Island-wide workshops held in February and April 2024, and infrastructure layers from regional lifeline GIS viewers. The platform will be available to CDEM groups and Lifeline (critical infrastructure) utilities for planning and response activities. Request for access to the Priority Routes GIS platform can be made via the Otago Lifelines Program Lead from the end of August, users will need an AGOL account to access the platform.

This year, the National Lifelines Forum: *Sustaining Infrastructure Recovery* will be held on the 17th and 18th of October at Te Pae Christchurch.

RECOMMENDATION

That the CDEM Joint Committee:

1. **Receives** the report.
2. **Notes** the updates from the Otago Lifeline Utilities Group (minutes).

BACKGROUND

The Otago Lifelines program exists and is owned by the members of the Otago Lifeline Group, in alignment with sections 59 and 60 of the Civil Defense Emergency Management Act 2002. The group meets quarterly to enhance the connectivity of lifeline utility organizations across agency and sector boundaries to improve critical infrastructure resilience as per the Otago Lifelines Group ToR.

The membership of the group consists of representatives at a regional level from:

- Emergency Management Otago
- Regional and District Councils
- Electricity
- Telecommunications
- 3 Waters
- Transport
- Roading
- NEMA

CONSIDERATIONS

Strategic Framework and Policy Considerations

- The Otago Lifelines Group is in alignment with the Otago Group Plan.

Financial Considerations

- Costs associated with attending and contributing to committee meetings are met by participating agencies.

Significance and Engagement

- Engagement with members of the committee is active and ongoing.

Legislative and Risk Considerations

- The Otago CDEM Group operate under the provisions of the CDEM Act 2002 and the Health and Safety at Work Act 2015 Act. The Otago Lifelines Group is in alignment with these provisions.

Climate Change Considerations

- No matters arising.

Communication Considerations

- No matters arising.

ATTACHMENTS

- ✓ Appendices 1: District Community Resilience Survey Results
- ✓ Appendices 2: Overall Community Resilience Survey Results

4.2.1 Otago Lifelines Group Meeting Minutes

DATE & LOCATION:

12 August 2024, via Microsoft Teams

MEETING TIME:

1:00 pm-3:00 pm

Welcome:

Attendees

Glyn Lewers (Group Chairperson)	Glenn Hutton (Unifone)	Dale Ramshaw (Foodstuffs)
Mel Banks (Otago CDEM)	Bill Nicoll (QLDC)	Paul Lloyd (Meridian Energy)
Danny Fontaine (Otago CDEM)	Andrew Welsh (ORC)	Matt Alley (Otago CDEM)
Teresa Simcox (Toa Consulting)	Andrew Cunningham (SDHB)	Tim Van Woerden (ORC)
Juliet Breen (QT Airport)	Raj Parikh (NZTA)	Martyn Wooster (AMIC)
Nicole Felts (NZTA)	Glenn Mitchell (Otago CDEM)	Alison Tomlinson (QLDC)
Jeremy Mitchell (Transpower)	Shaan Ross (Aurora Energy)	Derek Shaw (Otago CDEM)
Ross Buchan (Port Otago)	Tod Trotman (Network Waitaki)	Travis Howell (EM Southland)
Ben Parker (NZTA)	Grant Bicknell (Port Otago)	Michael Price (Delta)
Wayne Smith (Chorus)	Peter Standing (NZTA)	Courtenay Jamieson (EMO)

Apologies

Islay Laird (NEMA)	Quinton Penniall (CODC)	John Coutts (DCC)
EMO Staff	Mark Renalson (WDC)	Richard McKey (Contact Energy)
Michael Tannock (NZTA)	Ann Conroy (ORC)	

- Glyn Lewers, Mayor QLDC and Group Chairperson welcomed everyone to the meeting.

Sector Updates:

- Updates to focus on current and upcoming projects, and learnings from recent responses.

❖ NEMA: Islay Laird provided updates via email to Mel Banks

Catastrophic Planning (CatPlan) Update:

- In July NEMA held the second All of Government Catastrophic Planning Forum. This Forum is helping progress various elements of the Catastrophic Event Handbook, in particular the area of critical resources, and capabilities.

- There has been ongoing CDEM representation in the Mass Relief, Logistics and Intelligence working groups. Mass Relief recently changed its name from Rapid Relief and is well advanced in the population needs-based assessment methodology. Logistics have tested a national movement concept of operations, are progressing work in air logistics and starting discussions on national assembly areas.
- On 24 July the draft Handbook Version 0.3 was released to agencies for feedback. Feedback is due on 13 September. The EMLG Newsletter will have details on access for CDEM Groups.
- The time frame for delivery of the Handbook was extended to December 2024.
- Any questions: CATPLAN@nema.govt.nz

Review of Reviews:

- NEMA Chief Executive has commissioned the Continuous Improvement Unit to conduct a review into the emergency management response to the 2023 North Island Severe Weather Events.
- This project is expected to deliver an aggregated view of how frequently the same themes have been raised, how many agencies are working to address the same or similar recommendations and enable comparisons with reports on responses to other significant events.
- The aim is to identify issues that are national systemic issues or organizational and sector issues to
 - ensure they are addressed.
- It is known some agencies want to consider learnings from others that may apply to
 - them. Having an aggregated view of these reports will make it easier.

Waste Management Plan:

- The Infrastructure Resilience Team is currently scoping what will be included and excluded in a disaster waste management plan with the Ministry for the Environment. More details in the next few months.

Sector Coordinating Entity (SCE) development:

- The Infrastructure Resilience team are working with several sectors to strengthen relationships and arrangements.
 - i.e., the cash industry is the newest sector to develop SCE arrangements, with the Reserve Bank of New Zealand acting as the single point of contact for the role.

National Lifeline Utilities Forum (NLUF):

- This year's NLUF will be held in Christchurch on 17-18 October. We are planning the Quarterly LUC hui for the day before.

▪

Infrastructure Resilience (IR) Team updates and reminders:

- Malcolm continues to be the Acting Team Leader.
- All NEMA staff (except for some REMAs) are still unavailable on Wednesdays we are undertaking full agency training.
- The infrastructure team currently consists of Malcolm and Islay

❖ **Otago CDEM: Matt Alley**

Review of Reviews:

- The review is focused on 19 reports that came from the North Island weather events, out of the 19, the NEMA has landed on 5 common themes:
 - 1 Communities
 - 2 The 4 C's
 - 3 Resourcing
 - 4 Capability development
 - 5 Governance, Strategy and Planning
- DPMC are formed and undertaking some sector-focused planning sprints which will produce road maps for system reform.
- Emergency Management Otago (EMO) has been working on the CATPLAN and finalising exercise plans, these will be circulated once complete.
- EMO will test the feasibility of using the Utah Landing craft on Lake Wakatipu on 16 October.
- Testing of exercise Ohotata with district EOC's and Region ECC, this will focus on a sustained Alpine Fault Mag 8+ from day 5.
- EMO has developed a new GIS tool for road closures which will be available when the EMO website is upgraded. The road closure tools will utilise information from NZTA and local road closures.
- EMO Group Plan is starting this month and will outline the strategic planning for the next 10 years.

❖ **NZTA: Nicole Felts, Raj Parikh & Peter Standing**

- NZTA is working on 3 business cases: SH6 Frankton to Kingston, SH6 Frankton to Cromwell and SH6 Haast to Hawea.
- Another resilience project is SH6 Makarora River north of the bridge, this is still in consultation with Otago Regional Council and DOC. Possible options to protect SH6 are to retrain the river and/or installation of rock groins.
- Resilience Projects teams are engaging with consultants around NZ to rank and prioritize projects, NZTA currently has funding for 3 or 4 projects.
- Fulton Hogan is developing their response plan and will have a response base out of Cromwell.

❖ **Council Roothing:**

QLDC Alison Tomlinson:

- QLDC is waiting on the final allocation of funding from NZTA to determine what the budget will be for the next 3 years. QLDC is hoping there will be a few resilience projects that have been requested.
- Rehab project on the Cardrona Valley road over the next few years.
- QLDC is disappointed at the new Emergency Works policy from NZTA, there is a high potential to move money from planned works to emergency works.

❖ **Transpower: Jeremy Mitchell**

- No update as Jeremy is new to Transpower and this is his first lifelines group.

❖ **Delta: Michael Price**

- No update from Michael and he is new to the lifelines group.

❖ **Meridian Energy: Paul Lloyd**

- Full review of their emergency response plans which happen every 5 years. They will include solar storms and control system failure schedules.
- De-centralizing their large spares out to sites.
- Relocated the Wellington Control room to a higher seismically resistant building.
- Adding accelerometers to their critical structures in the Waitaki Valley.

❖ **Network Waitaki: Tod Trotman**

- Ongoing resilience work around spares and critical equipment.
- Upgrading the Oamaru depot.
- A new 'stores' building that meets seismic ratings and removing weaker buildings.
- 1 substation is left to do seismic strengthening, in the consent process at the moment.
- Review of the Resilience Management Maturity Assessment in the next few months as part of their asset management plan. Hopefully this will show improvement from last year.

❖ **Aurora: Shaan Ross:**

- Recent engagement with Resilient Org's to facilitate an AF8 simulation for Aurora in internal workshops.
- Aurora will be going out for public consultation for options to improve reliability in the Upper Clutha area.
- Transformer upgrade project to increase capacity and improve reliability in the Queenstown area.
- Monitoring winter weather, the network had held up 'pretty well' so far.

❖ **Chorus Wayne Smith**

- Mainly BAU over winter.
- Extending the fibre network into local areas.

❖ **Unifone Glenn Hutton**

- Commissioning 3 new mains-powered radio repeaters at Swampy Summit, Mt Baldy and Gladbrook Station. This will improve resilience up the coast and be a carrier for a prominent 2-way radio operator in the area.

❖ **Queenstown Airport (QAC): Juliet Breen**

- Ongoing seismic updates at QAC, this is a 2-year-long plan.
- 30,000 L diesel storage tank commissioned the week of 5 August 2024.
- Installation of the EMAS (Engineered Material Arresting System) will commence in October 2024

❖ **Port Otago: Ross Buchan**

- Ongoing Climate Change risk assessment workshops

- Upgrading rail pads project with KiwiRail

❖ **3 Waters**

QLDC Alison Tomlinson

- A new reservoir at Beacon Point Rd in Wanaka was completed at the beginning of 2024.
- Pretty close to rolling out the UV disinfection unit to the schemes that did not have any barriers.
- Shotover bore field has been commissioned which has increased supply capacity into Frankton and allows for Kalvin Heights bore field to be mothballed but could be brought back into operation if required.

❖ **Te Whatu Ora: Andrew Cunningham**

- The Rapid Seismic Assessment Plan is in place. Te Whatu Ora is working with Lakes District Hospital on infrastructure assessments and a complete review of its vulnerabilities.
- Arrangements have been made for Starlink at Lakes District Hospital. A special recognition to Emergency Management Otago for linking Te Whatu Ora with Ngai Tahu to make this happen.

❖ **Foodstuffs: Dale Ramshaw**

- Dale is new to the Otago Lifelines Group; Dale was appointed senior Emergency Management Advisor last year. A Head of Emergency Management was appointed recently.
- A lot of work getting their governance together, incident response plans and groups, understanding roles and responsibilities and resourcing within all of their markets (New World, Pac'nSave, 4Square, On The Spot, Raewood Fresh and their Distribution Centres)
- New World Queenstown has been selected to trial their resilience and response plan which closely aligns with Community Response Plans done by CDEM. This will happen in the next few months.
- New World Queenstown is getting quotes for a fully installed permanent generator.
- Satellite phones are in a lot of locations as well as 8 Starlink around the South Island. Queenstown is being considered for another Starlink.
- The Foodstuffs logistics team is working with the AF8 Priority Routes Project team on roading routes following a large seismic event.
- Working with Andy M-E EMO and the CATPLAN for the exercise on Lake Wakatipu on the 16th of October using the landing vessel Utah II.

❖ **ORC Natural Hazards: Tim Van Woerden**

- The ORC Natural Hazards team have a few large risk assessment projects that will be completed by year-end, they are Sth Dunedin, Glenorchy and a Regional Overview.
- DCC now have 3 wave buoys off the Dunedin coast that feed live wave information.
- New LIDAR survey for the Makarora Valley from the top of Lake Wanaka to Pipson Creek and up the Young to cover the landslide dam, NZTA might be interested in this information, or any other utility. Contact Natural Hazards at Otago Regional Council for further details.

Project Updates / Presentations:

❖ Otago Vulnerability and Interdependencies Assessment: Teresa Simcox, Toa Consulting

- Teresa provided an update on where the vulnerability assessment currently sits.
- Toa's presentation to the Otago Lifelines Group, was the same presented to CEG the week prior.
- Draft version 2.0 will be released toward the end of August for a wider external review with a 2-week deadline to provide feedback. Toa anticipates the signed-off Otago Vulnerability Assessment by the end of September.
- The Vulnerability Assessment will be a live working document that can be updated where necessary and managed by Emergency Management Otago.

Comment from Chair Glyn Lewers: If Toa needs help chasing up contacts and engagement, then lean on Mel who can then lean on Glyn for support.

Action: Mel will distribute the draft to the Otago Lifelines Group when it is released from Toa Consulting.

❖ AF8 Priority Routes Project: Martyn Wooster

- The project is wrapping up and a project report has been sent to NEMA who funded the majority of the project.
- The project team has finished adding data to the GIS platform these include hazards, critical infrastructure, and some vulnerabilities (that Auckland University did).
- There will be a progressive release to interested parties towards the end of August. Some technical administration is required as access will be provided through individual AGOL accounts. Access requests can be made by contacting Mel Banks.
- The project is waiting on additional information from NZTA for estimated recovery timeframes, this will be fed into the platform once received.
- Regional lifeline groups are encouraged to continue discussions around potential roads or tracks that might be significant to the region as well as additional sites that could be beneficial, feedback will be provided to the AF8 team.

❖ Road Status Viewer – GIS Platform: Glenn Mitchell EMO

- Emergency Management and GIS practitioners from the 6 Otago councils met in July for a workshop to share ideas and ways to get maximum benefit for minimal effort. The road closures issue came up multiple times as no district has an automated or simple process for mapping and displaying local road closures. The ORC GIS team designed a GIS platform where local road closures could be mapped and the NZTA state highway closures feed into it.
- The GIS platform was tested during the severe weather event at the end of July.
- The road closure viewer will be on the new Emergency Management Otago website.

MEETING CLOSED:

12th August 2024 2:30 PM

Next meeting:

19th November 2024 (**Location TBD**)



Emergency Management Otago

Te Rākau Whakamarumarū Ōtākou

4.3 Community Resilience Update

Prepared For: Otago CDEM Joint Committee

Activity: Community Resilience Update

Authors: Erica Andrews and Paul Allen

Date: 5th September 2024

PURPOSE

To provide members with an update on community resilience activities as defined by the Community Resilience Strategy.

EXECUTIVE SUMMARY

From 1st March, capability activities over this period have included Community Response Group meetings and Community Emergency Hub training.

Community engagement activities continue to grow in most districts with our networks expanding, enabling communities to become more prepared, capable, and resilient.

RECOMMENDATION

That CDEM Joint Committee **receives** this report.

DISCUSSION

❖ **CREATE AWARENESS**

- The awareness activity aims to enhance local hazard awareness, accessibility of information, and collective understanding of risks, hazards and community disruptions.

❖ **Emergency Mobile Alert Nationwide test**

- The national test of the Emergency Mobile Alert system was held on May 26. The alert reaches around 90% of New Zealand cell phones and is gathered from the NEMA Annual survey and by feedback received from telcos.

❖ **ShakeOut**

- New Zealand's annual earthquake drill and tsunami hikoi takes place on October 24. Individuals, families, schools and businesses will be encouraged to sign up and participate in Shakeout from the middle of September.

<https://getready.govt.nz/involved/shakeout>

❖ **EMO Website Upgrade**

- The redeveloped EMO website is scheduled to go live on 30 July. It provides a fresh visual appeal, improved user experience, and is more mobile-friendly with streamlined functionality and content management.

❖ **Clued Up Kids Program**

- Central Otago District has hosted its inaugural Clued Up Kids program. Five schools attended with about 120 students, teachers and parent helpers participating over 2 days. Agencies supporting the event included FENZ, St John, Red Cross, Police, Sport Otago and CODC animal control.
- Clued up Kids is a multi-agency program teaching primary school children confidence and life skills to help children stay safe across a range of real-life scenarios and by the end of this year, the program will be running across all districts in Otago.

❖ **INCREASE CONNECTEDNESS**

- We will foster relationships across diverse communities and collaborate with organizations to coordinate resources and respond promptly during emergencies.
- The Queenstown Lakes Emergency Management Advisors have been liaising with the Ngai Tahu- operated businesses focusing on resourcing and personal preparedness.

❖ **BUILD CAPABILITY**

- Emergency Management Otago will facilitate capability building by offering opportunities and tools to enhance communities' readiness to anticipate, mitigate, and recover swiftly from emergency events.
- The newly formed Cromwell Community Response Group has received training on the activation and running of their Community Emergency Hub.

❖ **ENABLE AND EMPOWER**

- In partnership with local councils, we will enable and empower communities through the creation, dissemination, and evaluation of emergency plans and Community Resilience Guides.
- Several new versions of the Community Resilience Guides are now online including Waihola, Owaka and Kaitangata, Wanaka, Luggate , Blueskin Bay & Aramoana. Otago Peninsula, Southern Urban Dunedin, Dunedin North and Queensberry will come online next quarter.

CONSIDERATIONS

- **Strategic Framework and Policy Considerations**
 - N/A
- **Financial Considerations**
 - N/A
- **Significance and Engagement**
 - N/A
- **Legislative and Risk Considerations**
 - N/A
- **Climate Change Considerations**
 - N/A
- **Communication Considerations**
 - N/A

ATTACHMENTS

- ✓ Minutes for the Welfare Coordination Group meeting held 2 May 2024
- ✓ Agenda for Welfare Coordination Group 1 August 2024

Community Engagement Activities (1 April - 30 June)

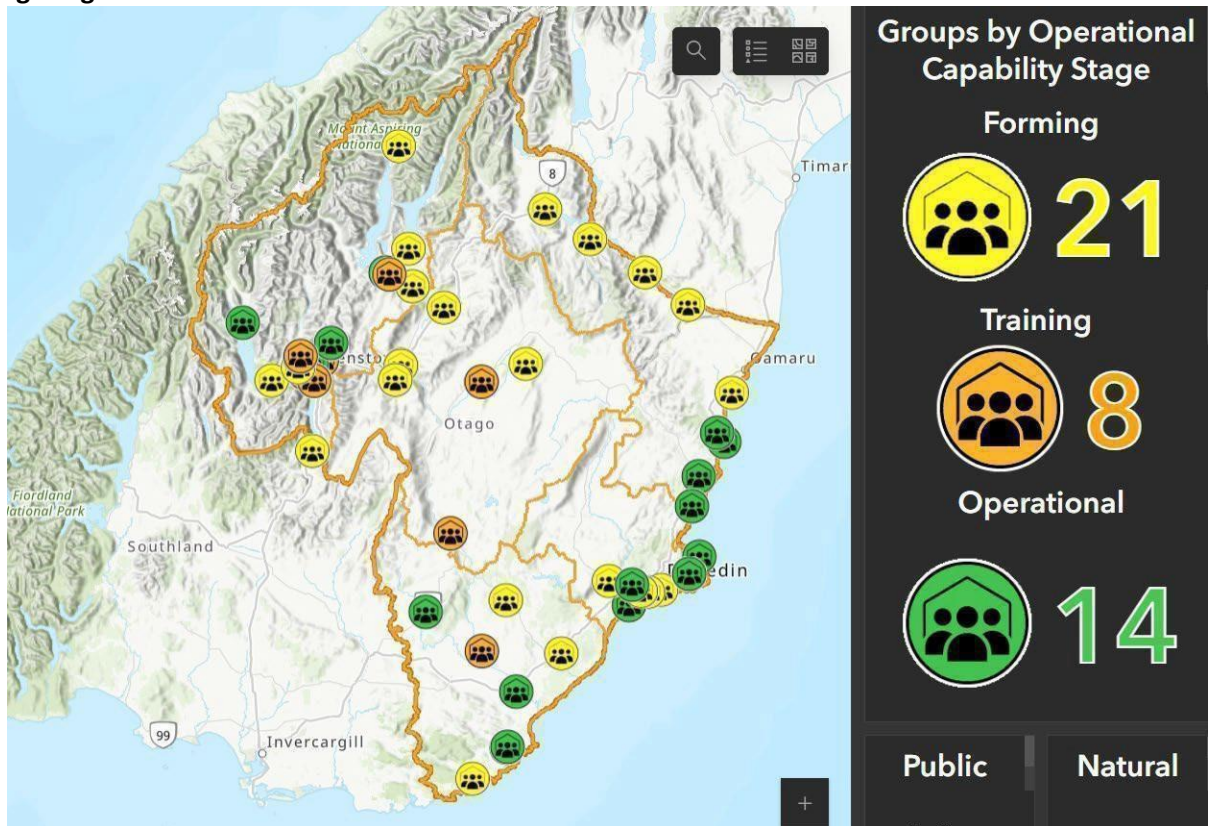
METRICS

The metric around Forming, Training, and Operational CRGs is based on the criteria within the Community Response Group Engagement Framework and the stage each group is in.

District	Activity	Aware	Connect	Enabled	Capable
Waitaki	Event hosted by Stronger Waitaki. Positive Ageing Workshop Group	Y	y		
	Stronger Waitaki - Warm-up Waitaki, open day at FENZ Oamaru Fire Station	y	Y		
Dunedin City	Ōtepoti Community Support Network		Y		
	Otago Boys High School	Y			
	Wakari Scout Group	Y			
	Disability Advisory Group	y	y		
	Mosgiel Keas, Scouts	y			
	Probus	Y	y		
	Otago Provider of Elder Needs	y	Y		
Central Otago	Cromwell CRG Public Meeting	Y	Y		
	Central Otago Vintage Car Club	Y			
	Cromwell Friendship Group	Y			
	Clued Up Kids Central Otago	Y			
	Alexandra Scouts	Y			
	Cromwell Scouts	Y			
	Clued up Kids	Y			
	St John School, Ranfurly year 7 & 8	Y			
Queenstown Lakes	Luggate Community Response Group	Y	Y	Y	
	Bunnings BCP	Y	Y		
	Wanaka Medical centre radio training		Y	Y	
	Ngai Tahu meeting	Y	Y	Y	
	Bobs Peak stakeholder group	Y	Y		
	QP earthquake presentation	Y			
	Clued Up Kids Qn	Y			
	Clued up Kids Wanaka	Y			
	Mitre10 CRG expo	Y	Y		
	GEMS preschool talk	Y			
	Digital HF radio working group		Y	Y	
	Rock Gas	Y	Y	Y	
Group Office	The Welfare Coordination Group next meeting is being held on 1 August.		Y	Y	Y

However, in the situation where an emergency occurs, many of these CRGs will self-activate as a community-based initiative regardless of the stage in the framework they are officially in.

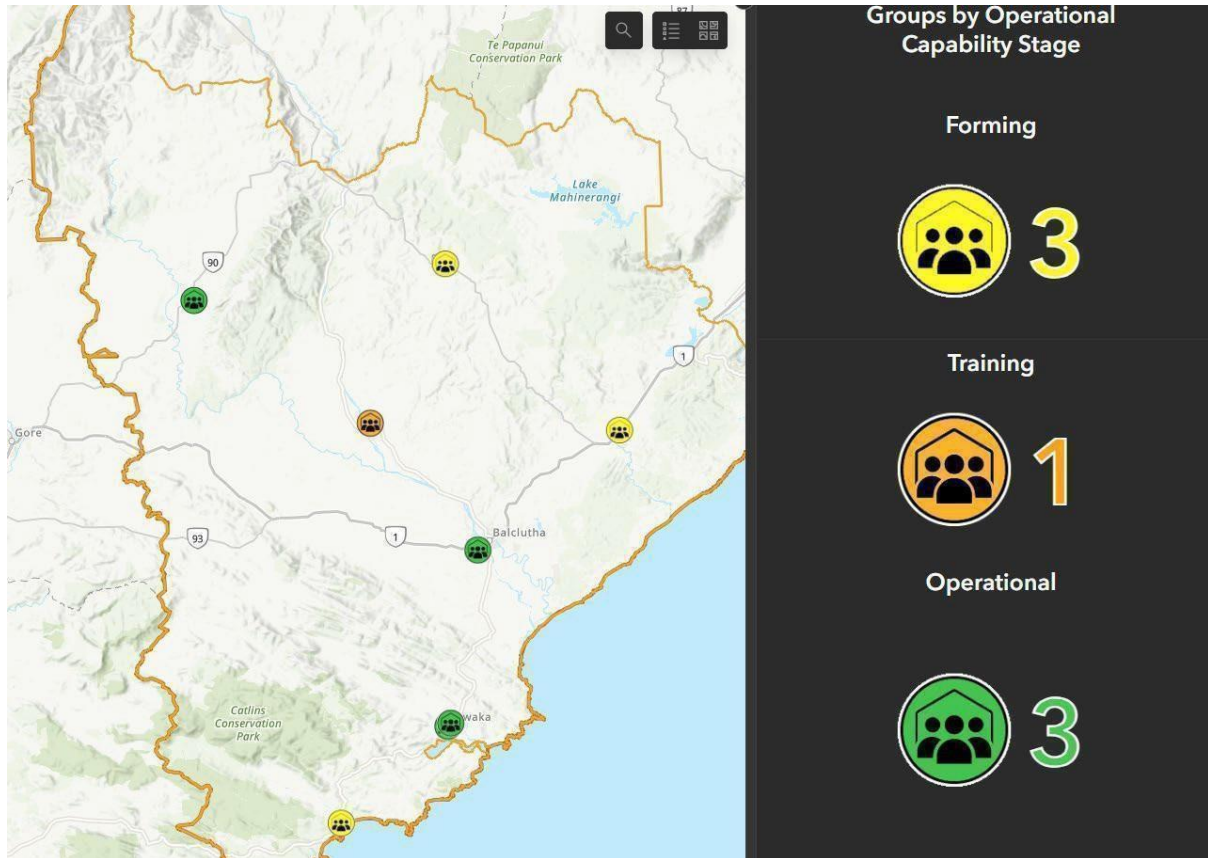
Otago Region



District	Current		Previous report	
Regional Otago	Forming	21	Forming	20
	Training	8	Training	4
	Operational	14	Operational	18

Overall good interaction with Community Response Groups across the region this quarter, with training needs identified in some groups that were operational now undertaking refresher training. This is normal progression as members of groups change and new people come on board.

Clutha

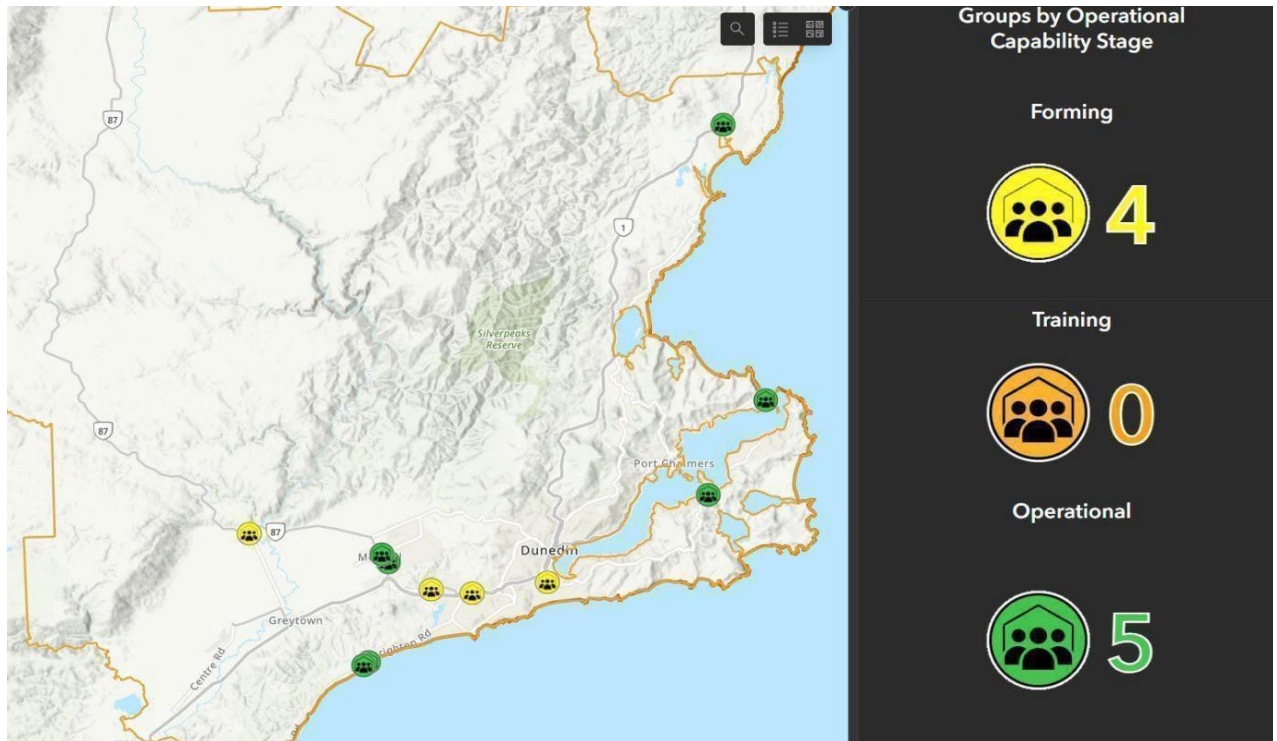


District	Current		Previous report	
Clutha	Forming	3	Forming	3
	Training	1	Training	
	Operational	3	Operational	2

The below two groups are new in the Clutha District.

- Operational group: Balclutha - Stirling
- Training group: Clutha Valley

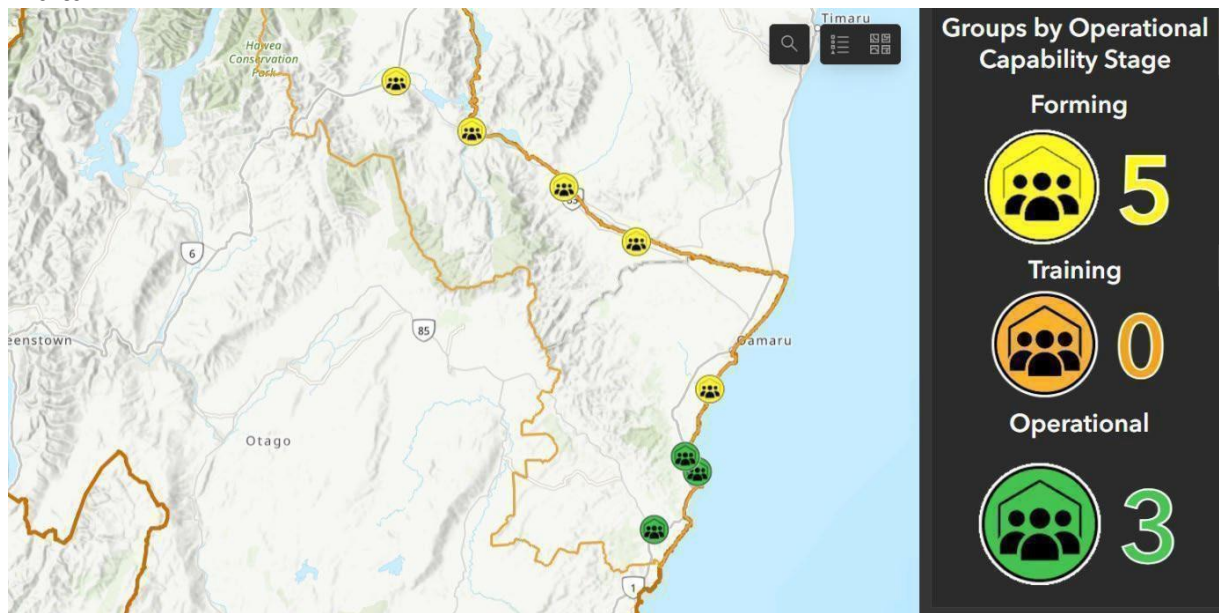
Dunedin



District	Current	Previous report
Dunedin City	Forming 4	Forming 3
	Training	Training
	Operational 5	Operational 5

Southern Coastal Dunedin Community Response Group had a desktop training exercise.

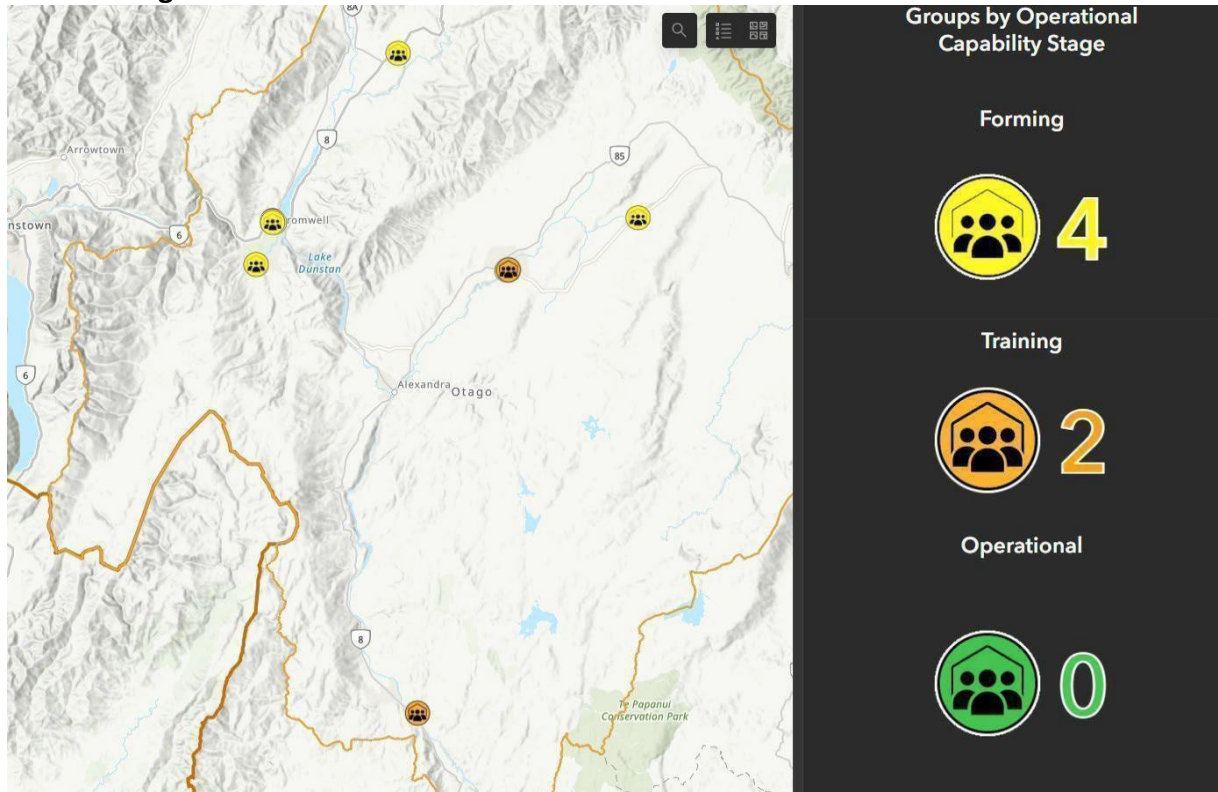
Waitaki



District	Current		Previous report	
Waitaki	Forming	5	Forming	5
	Training		Training	
	Operational	3	Operational	3

The Waitaki Emergency Management Advisor continues to meet with Community Response Groups to gain an understanding of existing capability and identify any gaps.

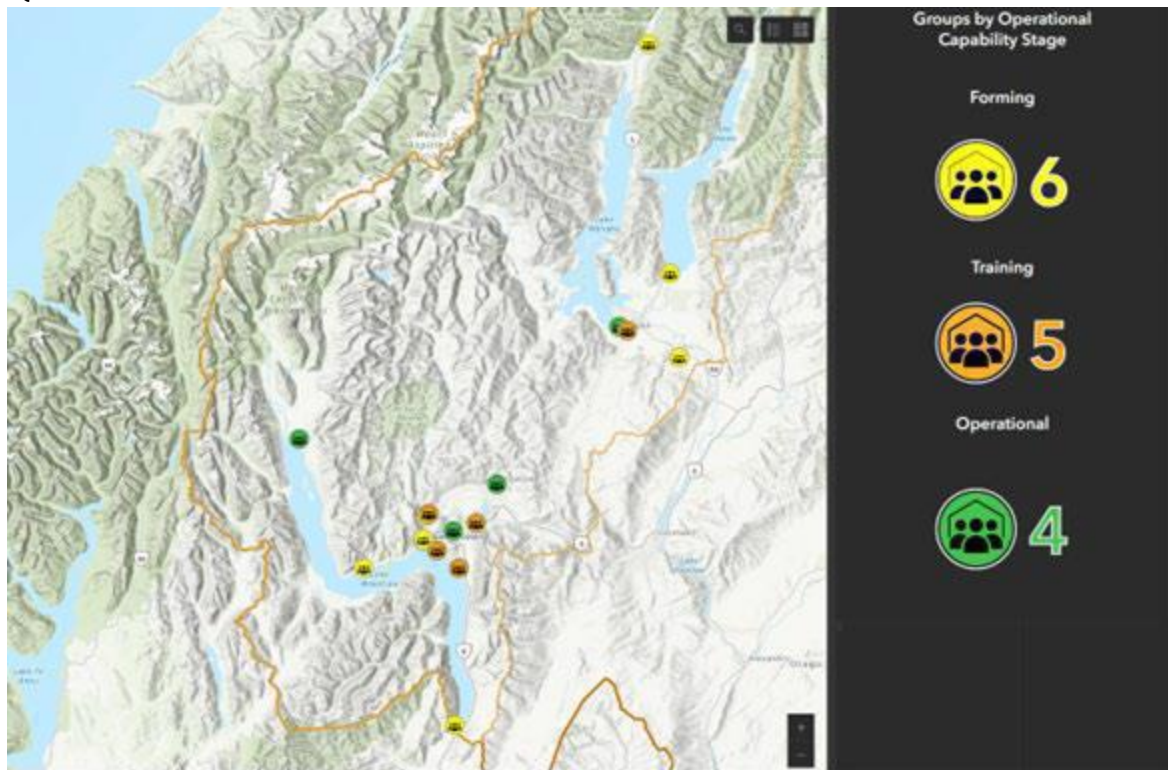
Central Otago



District	Current	Previous report
Central Otago	Forming 4 Training 2 Operational	Forming 4 Training 2 Operational

The newly formed Cromwell Community Response Group has received training on the activation and running of their Community Emergency Hub.

Queenstown Lakes



District	Current		Previous report	
Queenstown Lakes	Forming	6	Forming	5
	Training	5	Training	2
	Operational	4	Operational	8

Although there is a drop in operational groups listed, it is worth noting that this is due to identified training needs by four of the groups related to the Community Engagement B Framework

Current operational groups for Queenstown Lakes:

- Wanaka
- Arrowtown
- Glenorchy
- Frankton

4.3.1 Otago Coordination Welfare Group Agenda

DATE & LOCATION:

Thursday 2nd May 2024 - 09:00 – 10:30 am

Requested Organisation Representatives		
MSD	MPI	Kati Huirapa Rūnaka Puketeraki
NZ Police	NZ Red Cross	Te Rūnanga o Moeraki
Oranga Tamariki	Emergency Management Otago	Local Welfare Managers
MBIE TAS	Te Rūnanga o Ngāi Tahu	Public Health South
Te Whatu Ora	Te Rūnanga o Ōtākou	Kāianga Ora
SPCA	Office of Ethnic Communities	Ministry of Education
NEMA	Te Puni Kōkiri	Salvation Army

1. **Open with Karakia**
2. **Welcome**
3. **Presentation/guest speaker:** Mauriri McGlinchey – Āraiteuru Emergency Facilitator
4. **Ngāi Tahu Update**
5. **Emergency Management Otago Updates**
6. **Welfare Sub-Cluster Updates:** *This are for the lead agency to provide a quick update on their area of focus.*
 - Shelter and Accommodation – **MBIETAS**
 - Household Goods and Services – **EMO**
 - Inquiry – **NZ Police**
 - Psychosocial Support – **Te Whatu Ora**
 - Financial Support – **MSD**
 - Care and Protection of Children and Young People – **Oranga Tamariki**
 - Animal Welfare - **MPI**
7. **Rural Advisory Group Update**
8. **Group ECC Welfare Function Update**
 - Needs Assessment
 - Welfare Delivery
 - Training
9. **General Business**
10. **Dates of next meeting**
11. **Close with Karakia**

4.3.2 Otago Welfare Coordination Group Minutes

Otago Welfare Coordination Group

DATE & LOCATION:

Thursday 1 August 2024 - 09:00 – 10:30

Attending Organisation Representatives

MSD	NZ Red Cross	Emergency Management Otago
Oranga Tamariki	MBIE TAS	Local Welfare Managers
Ministry of Education	Kāianga Ora	Salvation Army
NEMA	Office of Ethnic Communities	
Te Whatu Ora		

Minutes

1. Karakia Timatanga

Tuia ki runga

Tuia ki raro

Tuia ki waho

Tuia ki roto

Tuia ki te here tangata

Ka rongo te pō

Ka rongo te ao

Haumi e, hui e

Tāiki e! Unite above

Unite below

Unite without

Unite within

Unite as one

Listen to the night

Listen to the world of light

We can now come together as one!

2. **Welcome and Apologies.**

- Apologies from Te Whatu Ora, NEMA,

3. **Presentation**

- Public Information Management (PIM) and Welfare Coordination:

- Erica Andrews provided an overview of the relationship between public information management and welfare during an emergency response. The discussion emphasized the importance of coordination between PIM and welfare services to ensure accurate and timely information is disseminated to the public.

- **Role and Responsibilities:**

- The conversation covered the roles of welfare services at local and group levels, focusing on how they interact with PIM to manage communications during emergencies.

- **Challenges and Relationships:**

- The group discussed the challenges of managing welfare responses, the importance of data accuracy, and the need for strong relationships and communication between different agencies.

4. **NEMA**

a. **CatPlan Program:**

- V0.3 of the Catastrophic Planning Handbook is out for consultation. If you would like a copy, reach out to your CDEM contact or myself. Happy to provide it.
- Looking to finalize the handbook prior to the end of the year.
- Relief Working Group is looking to get the first cuts of the relief specific deliverables done by end SEPT. This work will continue to be developed post Sept.
- Note on terminology change. We are changing Rapid Relief title to Mass Relief. Reason being that it better represents the approach we are looking to implement.

b. **DPMC (Department of the Prime Minister and Cabinet) Response to the Govt Inquiry into NISWE (North Island Severe Weather Event):**

- DPMC is leading the Governments Response to the Inquiry into the NISWE
- A series of sprints/workshops have been undertaken to inform the process. Thanks to those if you have participated in these.
- These are informing a Cabinet Paper that will be raised up likely in September which will inform the Emergency Management Reform Process

c. **Ex Ru Whenua:**

- All 3 days of Ru Whenua have now been completed.
- Massive thanks to all agencies who participated across the days.
- It has been a big focus of our team and our agency's efforts over the last few months.
- Any feedback on your end is always appreciated.

d. **Needs Assessment:**

- The Welfare team at NEMA continues to work on developing a standardised framework for Needs Assessment and common protocols to guide consistent approaches at the regional level.
- We are looking closely at the systems being adopted around the country to ensure that developed frameworks are useful and applicable to regional approaches.
- If you would like to hear more on progress reach out to Paul or the SCR team.

5. **Ngāi Tahu Update**

- E-Pods are in the process of being delivered to three papatipu Rūnaka and Araiteuru Marae in Dunedin

6. **Welfare Sub-Cluster Updates**

This are for the lead agency to provide a quick update on their area of focus.

Disability Community Support

- Focus on Accessibility: Discussion around the importance of ensuring that emergency housing and evacuation processes are accessible for people with disabilities.
- Communication Needs: Emphasis on the need for targeted communication strategies to reach disabled communities during emergencies.

Language and Ethnic Community Outreach

- Translation Services: Mention of existing resources for translating emergency materials and the need for collaboration with ethnic community leaders to effectively distribute information.

- Community Connection: Challenges in identifying and reaching all community groups, with suggestions to strengthen local networks for better communication.

Emergency Preparedness and Response

- Importance of Early Messaging: Lessons from the COVID-19 pandemic stress the need for proactive communication before emergencies to ensure communities are prepared.
- Training and Exercises: Discussion of upcoming exercises to test emergency plans, with a call to involve community leaders and organizations to identify gaps and improve coordination.

Temporary and Emergency Housing

- Housing Challenges: Highlighted the difficulties in providing accessible temporary housing during emergencies, particularly for vulnerable populations.
- Coordination with Agencies: Need for better alignment between emergency services and local councils on housing solutions, including the use of empty properties.

Community Engagement and Support

- Building Resilience: Efforts to strengthen community resilience through training, resources like emergency lockboxes, and collaboration between different agencies and community groups.
- Role of Local Leaders: Importance of involving local community leaders, especially from diverse backgrounds, in emergency planning and response efforts.

Agency Coordination and Training

- Cross-Agency Collaboration: Emphasis on the need for agencies to work together, with mentions of specific training programs and the use of tools like D4H for managing emergency responses.
- Future Planning: Plans to conduct more structured exercises and workshops to improve preparedness across regions, with a focus on involving all relevant stakeholders.

Animal Welfare – MPI

- Despite some improvements in South Otago, many areas are still really dry. Possible water restrictions, difficulties in getting crops and pastures to bounce back, and not enough feed.
- The financial hit is hard too, especially for sheep and beef farmers who are dealing with low returns and high costs. The stress is widespread, affecting both farmers and rural professionals, impacting everyone's wellbeing.
- To help out, the OFS team organizing workshops on finance and feed budgeting, and hosting community events to lift spirits. The Ministry for Primary Industries (MPI) is stepping up their support by connecting people with resources and helping farmers navigate the tricky regulations.
- October is a key time to evaluate where things stand. If we get hit by a major weather event, things could get even tougher.
- Also really pleased to support an opportunity for animal lovers and emergency responders across New Zealand to learn how to set up a temporary animal shelter. The International Fund for Animal Welfare (IFAW) is funding courses to boost our country's animal rescue capabilities within the emergency management system.
- This initiative aims to not only enhance our emergency response skills but also promote a proactive approach to animal welfare, making sure we're prepared for any situation.
- Alongside this we will be re-activating the AWSG alongside Paul and may be reaching out to contacts of individuals and organizations.

7. **Rural Advisory Group Update**

- Invite for the Rural Support Trust to be part of the WCG as their focus is on the welfare of the rural community.

8. **Group ECC Welfare Function Update**

- In a catastrophic event what is the role of the Group ECC and Group Welfare Function?
- The importance of a liaison person from each of the key agencies should make their way to the ECC if there has been a significant event and communications are lost.

- Needs Assessment – wide area needs assessment.
- WCG Membership – updates/changes

9. **Regional Updates**

- Local Challenges: Updates from various regions on issues like weather-related disruptions, challenges in engaging new residents, and ongoing efforts to improve local emergency response capabilities.

- **Resource Allocation:**

Discussion of resource needs and how to better support isolated communities during emergencies.

10. **General Business**

- The Otago Welfare Forum will be combined in an Otago Emergency Management Forum to be held in the first quarter of 2025

11. **Dates of the next meeting**

- 30 October 2024
- 09:00 – 10:30
- Teams meeting

And

- In person
- Harbour Room – The Annex, Otago Regional Council, 70 Stafford Street, Dunedin

12. Karakia Whakamutunga
 Kua mutu a mātou mahi
 Mō tēnei wā
 Manaakitia mai mātou katoa
 O mātou hoa
 O mātou whānau
 Āio ki te aorangi

Our work is finished
 For the moment
 Bless us all
 Our colleagues
 Our families
 Peace to the universe



Emergency Management Otago

Te Rākau Whakamarumarū Ōtākou

4.4 Stakeholder Engagement

Prepared For: CDEM Joint Committee

Activity: Stakeholder Engagement

Author: Erica Andrews

Date: 5th September 2024

PURPOSE

This report is designed to provide insights into the results of the 2024 Emergency Management Otago Community Resilience Survey, and where gaps have been identified, highlight opportunities for future activities to support a targeted increase in community resilience before and during emergencies.

EXECUTIVE SUMMARY

Emergency Management Otago (EMO) carried out the 2024 Community Resilience Survey from 15 April to 3 May.

This survey activity aligns with strategic objective one; create awareness, of the 2023 Community Resilience Strategy, specifically understanding hazards, preparing for an emergency and preferred information channel.

Twenty-seven questions focusing on hazard awareness, personal preparedness and information sources were used to gain insights into the community's awareness of hazards and potential impacts, measure levels of preparedness and gain a clear view of preferred emergency information channels used. Links to templates, websites and information were included throughout the survey to guide people to useful information sources.

The 5 -10 minute survey was promoted using online channels, QR code access, paid print, radio & app advertising, stakeholder & partner agency communications and when engaging with communities, schools, and businesses.

Of note, was the support provided to the promotion of the survey by Mr Dick Taylor, a 1974 Commonwealth gold medalist who participated in a social media post promoting the survey. Emergency Management Otago thanks Mr Taylor for his time and willingness to share his preparedness activities.

People had the option to enter a draw at the end of the survey with 1 family-sized Grab & Go bag available to give away in each district.

RECOMMENDATION

That CDEM Joint Committee **receives** this report.

DISCUSSION

Several questions in the survey allowed for multiple-choice answers presenting a challenge to get a clear percentage in some instances.

People who have emergency supplies have increased by 2% from the 2022 survey (72%). While a positive result, this is tempered by an increase in those who state that cost and not knowing where to find information is prohibitive.

Results indicate a large drop in the number of people who have a household emergency plan (31%) compared to 2022 (48%).

However, while percentage results signify a decrease, 28% of respondents stated they intend to create a household emergency plan within the next 12 months and 44% stated that this survey has encouraged them to develop one additionally comments within the survey indicate that:

❖ **People are Thinking About a Plan**

- *"We are just two - we discuss regularly what we would do if we were together and if we were apart. We have a meeting place both in the city and at home. we both know where our emergency stuff is. I suppose we haven't thought about having emergency provisions in our cars as we both drive into work from the east coast. maybe that's the next step. .."*

❖ **Plans are Discussed But Not Written Down**

- *"We have a plan, just not formally documented. The (sic) is only the two of us."*

❖ **Plans Need Updating**

- *"Have had in the past but moved house and we now have a child"*

❖ **Results also showed that those who intended to take further steps to prepare for an emergency slightly decreased from 45% in 2022 to 42% in 2024.**

- Many respondents stated that those actions include preparing a grab-and-go bag, storing water and creating a household emergency plan.

❖ **To mitigate some discrepancies in results and enable clear responses to assist with measures for the 2025 survey, EMO intends to:**

- Review questions to gain a better understanding of resident's preparedness levels.
- Limit multi-choice questions

CONSIDERATIONS

- **Significance and Engagement**
 - No matters arising.
- **Strategic Framework and Policy Considerations**
 - This activity is in alignment with the National Disaster Resilience Strategy and the EMO Annual Plan 2023-2024 and the 2023 Emergency Management Otago.
- **Financial Considerations**
 - A budget of \$20,000 was allocated for the survey with the total project coming in under budget at \$18,379.39.
- **Legislative and Risk Considerations**
 - The Otago CDEM Group operates under the provisions of the CDEM Act 2022, this activity is in alignment with these provisions.
- **Climate Change Considerations**
 - No matters arising.
- **Communication Considerations**
 - No matters arising.

ATTACHMENTS

- ✓ Survey results by region
- ✓ Survey results by district



4.5 Training and Capability Update

**Prepared For: Otago CDEM Joint
Committee Activity: Training and
Capability Update Author: John
Mawhinney
Date: 5th September 2024**

PURPOSE

This paper outlines the training and capability status of CDEM Otago for Quarter 4 2023- 2024. Any recommendations and considerations concerning training and capability are also noted.

EXECUTIVE SUMMARY

Emergency Management Otago's training and capability activity is defined and guided by the Otago CDEM Groups Training and Capability Strategy. The strategy defines the level of training investment of Councils, the CDEM Workforce and the Community.

RECOMMENDATION

That CDEM Joint Committee: Receives and accepts this report.

DISCUSSION

The new "Foundation Training Suite" consisting of four training courses –

- "ITF Foundation" 3hrs
- "D4H Intro – Part 1" 1.5hrs
- "D4H Intro – Part 2" 1.5hrs
- "CIMS Basic" 3hrs

These are now being delivered across the region. Once completed, new members into the GECC or EOCs will then become "Qualified" as team members. This indicates the minimum level of knowledge and training they need to be functional within an emergency response environment. The next stage of training consists of specific training in CIMS functions and the D4H software used in an emergency response. Training packages for this are already being developed and trialing of some training material has begun.

Emergency Management Advisors have been developing training plans for delivering the foundation suite across their EOC teams. They are engaging with building their skills in delivering the training packages.

As part of ongoing development work with Ngāi Tahu, an introduction to the “What is Emergency Management?” workshop was delivered to Ngāi Tahu-based businesses in Queenstown. After that workshop, there was interest in delivering the new EMO “CIMS

Discussions around developing greater connections between Ngāi Tahu and Emergency Management Otago are ongoing.

Exercise Ru Whenua, the national exercise run by NEMA, took place across three days from mid-June to mid-July. The exercise followed an AF8 earthquake scenario with the epicenter at Charlestown on the West Coast. On Day 1 the Otago GECC stood up for the exercise in ‘monitoring’ mode, with a skeleton staff of Emergency Management Otago personnel only. Days 2 and 3 were desktop-based sessions at Te Papa. Matt Alley, Group Manager for CDEM Otago, attended both the Wellington sessions. Outcomes and learnings from the Exercise Ru Whenua Report will be evaluated against the Otago Regional AF8 Catastrophic Plan and annual regional exercises.

Planning for the annual Otago GECC/EOC exercises during September – November is well underway. These will be an AF8 earthquake-based scenario as well. Documents have been developed for a ‘Concept Plan’, ‘Coordinating Instructions’, and ‘General Instructions’. An Exercise Planning team are meeting regularly until early September to coordinate the planning and development of the exercise.

Each of the six Territorial Authorities will conduct a 4-hour exercise based on Day 5 of an 8.2 magnitude earthquake of the Alpine Fault. The Emergency Management Otago teams based within each territorial authority are developing AF8 plays based on the Regional Catastrophic Plan, that they will then use for their district exercise.

The dates and timings for the exercises are:

QLDC – 19th September 2024 0830hrs – 1300hrs DCC
 – 4th October 2024 1000hrs - 1430hrs CDC – 9th
 October 2024 1030hrs – 1500hrs CODC – 6th
 November 2024 1000hrs - 1430hrs WDC – 21st
 November 2024 1000hrs - 1430hrs GECC – 28th
 November 2024 1000hrs - 1430hrs

Several external agencies will also be involved in the exercises, developing and practicing improved interagency coordination with Emergency Management Otago during a response. Further upcoming training includes delivery in August of Welfare Function, CIMS 4, and Train the Trainer 1 & 2 modules, involving nearly 45 participants from councils across the region as well from key external agencies.

Public Information Management (PIM)

Dunedin City Council	22
Otago Regional Council	12
Waitaki District Council	7
Clutha District Council	6
Central Otago District Council	6
Queenstown Lakes District Council	16

PIM sub-function training development and delivery has been a focus across the region.

Media stand-up training has been delivered to all Councils, the 3-and-a-half-hour session covered a brief overview of PIM, the Media Liaison subfunction, and one of the complexities being media stand-ups.

The training finished with a scenario-based exercise which included Mayors, Controllers, FENZ & Police participating in a mock media stand-up with local media in attendance.,

Training Overview

Key:

Foundation Skills Training = Foundation Training Suite

Function Skills Training = Function Specific related training

	CDC		CODC		DCC		ORC		QLDC		WDC	
	Sessions	People	Sessions	People	Sessions	People	Sessions	People	Sessions	People	Sessions	People
Foundation Skills Training	1	25	5	41	5	30	4	21	0	0	0	0
Function Skills Training	2	11	3	29	7	87	8	34	1	12	1	9

Figure 1 shows staffing levels across the region. This represents the current level of ‘qualified’ GECC/EOC staff at the ‘Team Member’, ‘Function Lead’, and ‘Control’ levels. It also shows the target staffing numbers for each level.

CONSIDERATIONS

- **Strategic Framework and Policy Considerations**
 - No matters arising.
- **Financial Consideration**
 - No matters arising.
- **Significance and Engagement**
 - No matters are arising from this plan.
- **Legislative and Risk Considerations**
 - No matters arising.
- **Climate Change Considerations**
 - No matters arising.
- **Communication Considerations**
 - No matters arising.

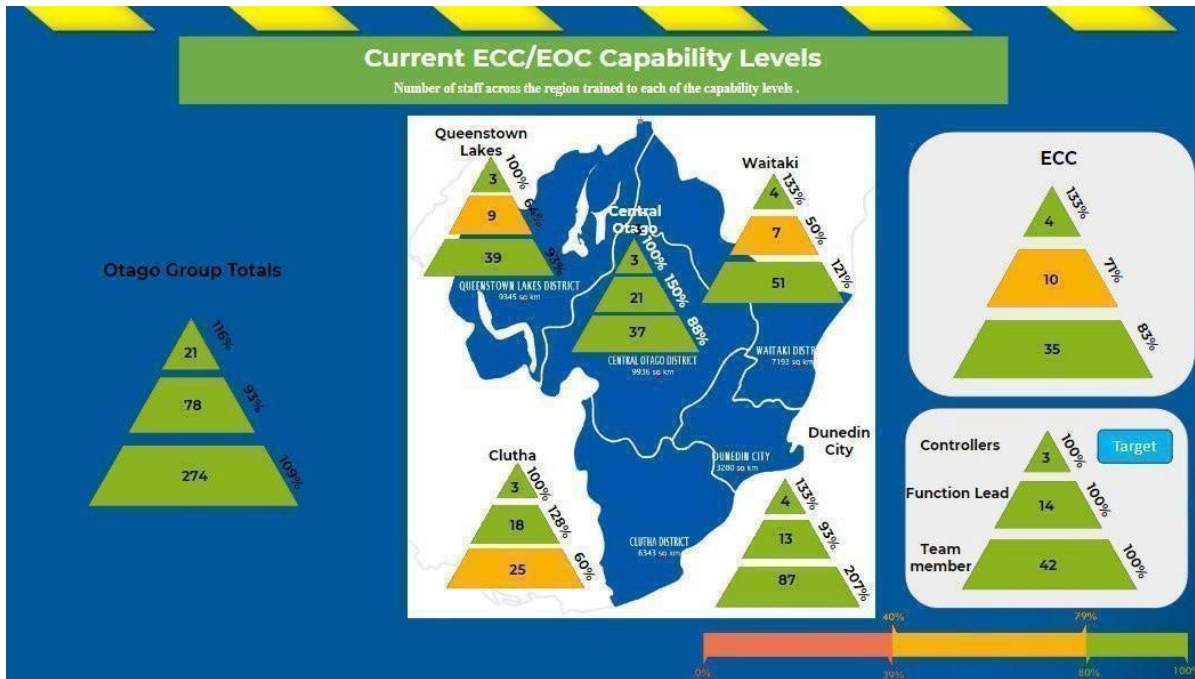


Figure 1 Current ECC/EOC Capability



4.6 Finance Update

Prepared For: Otago CDEM Group Joint Committee Activity: Finance Update

Author: Matt Alley

Date: 5th September 2024

PURPOSE

This paper provides an update on financial activity as it relates to the Otago CDEM Group.

EXECUTIVE SUMMARY

Income for the year to date has largely been tracked as expected with a slight variance of - \$19,535.

Expenditure is tracking as expected across direct operational costs. With the noted underspend due to a delay in recruitment of the Mana Whenua, Emergency Management Facilitator position.

District support budgets are generally tracking under expected levels largely due to current vacancies.

The Group office budget (Group Activity) has been tracked over budget mostly due to increases in staff time and overheads that relate to the Lifelines Program Lead role and GIS Analyst Support time that have not been budgeted for this year. These costs will be met by the CDEM Reserve, (as planned by the Regional Council's Corporate Service Team).

A general cost breakdown of all budget lines attributed to the

CDEM Uniform Targeted Rate is included in Table 1.

More detailed operational budgets and tracking are included in Table 2.

Unfortunately, current year-to-date financial tracking is unavailable. This is due to the establishment of a new financial system for the Regional Council. Current functionality does not allow for tracking of live budgets.

CONSIDERATIONS

Strategic Framework and Policy Considerations

- No matters arising.

Financial Considerations

- No matters arising.

Significance and Engagement

- No matters arising.

Legislative and Risk Considerations

- No matters arising.

Climate Change Considerations

- No matters arising.

Communication Considerations

- No matters arising.

Table 1 - Finance (July 23– June 24)

		FY Budget	Actual (YTD)	Budget (YTD)	Variance	Comment
Income	Targeted Rate	3,336,000.00	3,355,535.40	3,336,000.00	(19,535)	
	TEC Fund		57,500.00		(57,500.00)	Income claimed from the Tertiary Education Commission (Unbudgeted)
	Total	3,497,012.17	3,413,035.40	3,336,000.00	(77,035.40)	FY Budget total includes last year's reserves (161,012) to meet the funding shortfall this year. (Increases in staff time and overheads)
Expenditure	Operations		289,289	293,347	(3,958)	Delivered under budget
	Public Education		30,187	35,000	(4,813)	Delivered under budget
	AF8		20,827	20,000	827	Delivered on budget
	Forums		7,877	15,000	(7,123)	Venue cost saving during the year delivered under budget
	Community RP's		14,452	15,000	(548)	Delivered on budget
	Training		20,250	20,000	250	Delivered on budget
	ORC Staff Training		10,186	0	10,186	Unbudgeted activity to meet ORC staff time. This activity was brought about by a change in internal process.
	Group Activity		1,510,142	1,273,803	236,339	Overspend due to unbudgeted increase in staff time – Lifelines Program Lead and GIS analyst.
	CDC Support		213,243	235,192	(21,949)	Delivered under budget due to vacancies during the year.
	CODC Support		357,676	363,372	(5,696)	Delivered under budget due to vacancies during the year.
	DCC Support		385,997	428,878	(42,881)	Delivered under budget due to vacancies during the year.
	QLDC Support		514,852	545,059	(30,207)	Delivered under budget due to vacancies during the year.
	WDC Support		199,801	252,361	(52,560)	Delivered under budget due to vacancies during the year.
	National Support		1,638		1,638	Unbudgeted activity
	Mana Whenua Support		45,000		45,000	Unbudgeted activity – 60% Support costs associated with the Mana Whenua Emergency Management Facilitator Position
	Total	3,497,012.17	3,621,417	3,497,012	104,939	Overall tracking within 3% (overspend) of the budget including reserves.
	Reserve	161,012	92,483	92,483	68,529	Reserve total 70k short of forecast – Variance between annual plan calculations and the start of the financial year.

Table 2 - Finance (Direct Costs) 23/24 Budget (Final)

	Category	Activity	Budget	Actual (YTD)	Variance	Comment
Expenditure	Operations	D4H Platform	65,000.00	64,440	(560)	Annual software as a service subscription
		Repeater Network	27,300	32,506	5206	Licensing fee for use of regional repeater network.
		Radio Leases	10,886	10,887	1	Annual lease fee for radio hardware for Operation Centre base set, vehicle, and handheld VHF radios.
		ECC IT	16,000	15,739	(261)	Annual lease fee for ECC monitors and IT solutions.
		GIS Licencing	2,386	2,800	414	ARC GIS Online licences for Regional Geo-Spatial Platform.
		Website Upgrade	35,000	35,574	574	Planned (annual plan) activity. Routine maintenance + general upgrade.
		Carpark Leases DCC	4308	3,273	(1,035)	Annual licensing fee to park CDEM vehicles within Moray St Carpark.
		Uniforms / PPE	6,000	5,694	(306)	Annual uniform and PPE costs.
		Starlink x 3	6120	5,167	(953)	Annual Starlink subscription to ECC and two Covertex Multi Habitation Units.
		Collateral	15,000	3,063	(11,937)	General collateral to support public engagement.
		Gets Ready	15,000	9,715	(5,285)	Annual platform subscription costs.
		OAR Radio	719	719	-	Donations to support Resilient Otago Podcasts
		Annual Survey	14,750	14,750	-	Change in survey provider, (5K saving)
		Toa Consulting		18,512	18,512	Lifelines Regional Vulnerability Study
	Public Education	BCP Roadshow	15,000	-	(15,000)	Now delivering this with CDEM Staff, service provider no longer required – (15k saving)
		Clued up Kids	5,000	7,590	2,590	Venue hires to support the Clued-Up Kids Programme
	Training	Staff Development	20,000	20,250	250	Training cost to support staff development

	Forums	Lifelines, WCG & PIM	15,000	7,877	(7123)	Forum support, venue hire, transport, and accommodation for speakers, etc.
	Community RP's	Design & Print	15,000	14,452	(548)	Printing costs associated with community resilience guides, emergency hub guides, and response plans.
	Mana Whenua Support	Project Contribution		45,000	45,000	A two-year project that supports 60% of the costs for an Emergency Management Facilitator for Mana Whenua (unbudgeted).
	AF8	Project Contribution	20,000	20,827	827	Ongoing project contribution
	Total		308,469	338,835	30,366	9% Overspend largely due to the expenditure related to the EM Mana Whenua Position. Without this expenditure operational costs tracked at 5% underspent.



4.7 National Emergency Management Agency – Update

Prepared For: CDEM Joint Committee

Activity: NEMA Update

Author: Simon Chambers | Principal Advisor Regional Engagement

National Emergency Management Agency Te Rākau Whakamarumarū

Date: 5th September 2024

❖ Space Weather

- The NEMA Infrastructure Resilience Team work on system readiness among lifeline utilities and also staff the Lifelines sub-function in response. In recognition of the coming solar maximum in 2025, NEMA has established Space Weather interim arrangements with Transpower regarding notification and escalation pathways. This will facilitate managing the risk to critical infrastructure.

❖ Some expected effects of extreme space weather are:

- **Induced Currents** - Power system voltage irregularities possible, false alarms may be triggered on some protection devices. Some grid systems may experience complete collapse or blackouts. Transformers may experience damage.
 - **Spacecraft** - Systems may experience surface charging; increased drag on low Earth-orbit satellites, uplink/downlink and orientation problems may occur.
 - **Navigation** - Satellite navigation (GPS) problems may persist for days, including loss-of-lock and increased range error may occur. Low-frequency radio navigation can be out for hours.
 - **Other systems** - Currents in steel pipelines can reach hundreds of amps, high frequency (HF) radio propagation may be impossible in many areas for one to two days.
- ✓ Power outages and disruptions to HF communication have flow on effects for cellular communications, marine and aircraft communications.

❖ Budget 2024

- The release of the Government 2024/25 budget on 30 May 2024 resulted in NEMA not being subject to the 6.5% public sector funding cuts.
- This will allow NEMA to focus on an assurance function. The Chief Executive has indicated that he intends to advertise soon for this at the Deputy Chief Executive level.
- NEMA is now able to fill its present vacancies with a focus in areas that are the Govt's priorities (which includes what comes out of the Govt's response to the Govt Inquiry into the NISWE).

- The Government is investing \$1 Billion in cyclone relief, resilience and emergency preparedness. Of that \$10.5M has been set aside for the new National Emergency Management Facility in Wellington. <https://www.beehive.govt.nz/release/more-1-billion-cyclone-relief-resilience-and-emergency-preparedness>

❖ **CDEM Resilience Fund**

- Internal assessment of applications is complete, NEMA was not able to make any decisions until the release of the Budget.
- With the release of the 2024/25 budget and confirmation of the Resilience Fund, NEMA has written to all applicants advising of the outcome to enable successful projects to start in July 2024.

❖ **Emergency Management Reform**

- Submissions on the Emergency Management Bill and insights from last year's severe weather events made it clear that the bill would not deliver the integrated, fit-for-purpose emergency management framework that New Zealand needs.
- The Government intends to introduce a new bill by the end of 2025.
- The new bill will look to incorporate learnings and recommendations from the Report of the Government Inquiry into the North Island Severe Weather Events, other reviews of last year's weather events, and submissions on the previous bill.
- This review is led by Sean Bolton (DPMC).
- A paper is to be presented to Cabinet in September 2024 seeking decisions on actions for improving New Zealand's resilience to natural disasters and other emergencies.
- Those decisions will inform the scope, scale, and speed of change in response to the Government Inquiry, including the scope of any future Emergency Management Bill.

❖ **NEMA Internal Operational Lessons Report**

- NEMA has published its internal review report of its operational response to the North Island Severe Weather Events of early 2023.
- NEMA's review was internally focused on the functional capacity of the systems, processes, internal policies, people capability and infrastructure used and/or directed by NEMA during the response.
- Some of the key lessons include:
- Science, intelligence and geospatial capability and capacity need to be enhanced to build situational awareness and support decision making during emergencies.
- There continues to be a need for a shared, system-wide "single source of the truth"

(Common Operating Picture).

- The NCC/NCMC facility is not fit for purpose especially for a response of this scale. NEMA and NCC/NCMC IT was not reliable.
- Deployment of emergency management professionals into the regions was vital to support emergency response operations at local and regional levels.
 - NEMA should build on the selection, training and exercising for emergency management sector deployments to grow capability and capacity to meet future demand.
 - NEMA's well-established relationships across the all-of-government network, and internationally, served us well in our lead agency capacity.
- The report is publicly available:
<https://www.civildefence.govt.nz/assets/Uploads/documents/publications/May-2024-NISWE-NEMA-Internal-Operational-Lessons-Report-FINAL.pdf>

❖ **Review of Reviews**

- Review of reviews - NEMA Chief Executive has commissioned the NEMA Continuous Improvement Unit to conduct a review across reports into the emergency management response to the 2023 North Island Severe Weather Events.
- This project is expected to deliver an aggregated view of how frequently the same themes have been raised, how many agencies are working to address the same or similar recommendations and enable a comparison with reports on responses to other significant events.
- The aim is to identify issues that are national systemic issues or organizational and sector issues to ensure they are addressed.
- It is known there are agencies who are wanting to consider learnings from others that may apply to them. Having an aggregated view of these reports will make it easier.
- This work will be a snapshot of reports finalised by the end of April/early May. A draft report has been sent to CDEM Group Managers for review with a request for feedback by Monday 12th August 2024.

❖ **Catastrophic Planning (CatPlan)**

- NEMA recently hosted two All of Government (AoG) 'Catastrophic Planning Forum' with up to 54 participants across the system in attendance. This was an opportunity for agencies to workshop the operational phasing, planning assumptions from a Catastrophic event level. Since this forum, the CatPlan Handbook was updated alongside other workstream information and feedback. The next AOG Forum is planned for 19 August 2024.
- Thanks to this system-wide collaboration, we now have a Handbook with a clear purpose, easier to navigate, more detailed workstreams, and the whole document has a cleaner feel to it.

- The project team are now open for feedback on draft Version 0.3 of the handbook. The period for Feedback closes on 13 September 2024, so the project team are then ready for the final version that is due in mid-December 2024.



4.8 Otago CATPLAN Update

Prepared For: CDEM Joint Committee

Activity: Otago Catastrophic Plan (Alpine Fault) Update

Author: Andy Mackenzie Everitt

Date: 5th September 2024

PURPOSE

To inform the Joint Committee (JC) of the current planning around the planning for, and response to, the Alpine Fault hazard.

EXECUTIVE SUMMARY

The Alpine Fault runs along the line where the tectonic plates under the South Island meet. It connects two *subduction* margins where the ocean floor descends into the Earth's mantle. Historical patterns of earthquakes indicate that it is likely to rupture very soon in geological terms: there is a 75% probability of an Alpine Fault earthquake in the next 50 years.

With an expected magnitude of 8+, this will be considered a *great earthquake* not simply a strong one. The impact of a major rupture of between 400 to 800 km of the Alpine Fault will result in multiple casualties and severe building, infrastructure and geological damage within approximately 100 km of the fault. Communities in the affected areas will be isolated, with highly compromised living conditions from days to months. Emergency Services will be overwhelmed, and food and fuel supplies severely disrupted.

Based on a detailed *Hazard and Environment Analysis (HEA)*, the expected focus of regional operations will be Queenstown and Wanaka/Cromwell. Cut off by road closures, and probably without power, these tourist destinations will contain tens of thousands of visitors, many of whom will urgently require shelter, food, water, sanitation and hygiene resources.

The Otago CATPLAN (AF) has been developed to assist emergency managers and responding agencies prepare for this complex emergency scenario. It includes a *Concept of Operations* that articulates the *Mission, Intent* and *end state* and sets out a detailed *Scheme of Manoeuvre* that features innovative *Risk Reduction* and *Readiness* measures and critical *Response* actions to set the conditions for the enduring regional *Recovery*.

Resources invested now to mitigate predictable risks will save lives and streamline a response that will be inevitably characterised by friction and uncertainty. A concerted effort to improve current readiness levels will also pay dividends. Accordingly, this plan features a proactive approach to *winning* actionable intelligence in the first few hours to create a platform for sound decision-making. Taking early control of aviation assets and other *critical resources*, the Otago Group Emergency Coordination Centre (GECC) will coordinate the movement of key response and agency staff and deliver a *MASS RELIEF* operation by air and boat directly to the places of greatest need. In order to reduce the scale of

the anticipated humanitarian crisis, GECC will support a nationally led air evacuation of Queenstown and subsequently conduct regional evacuation operations by boat and road. Integrated with national and district plans, and compatible with supporting agencies and the operational arrangements of Southland and Canterbury Emergency Management Groups, this plan creates a framework for action during an unprecedented and life-changing catastrophic event which threatens us all.

RECOMMENDATION

That the Joint Committee:

1. Receives the report.
2. Notes the first draft of the Otago Catastrophic Event Plan (Alpine Fault).

BACKGROUND

There is a clear requirement to undertake collaborative planning to address the *Maximum Credible Event* in Otago.

This process began in earnest in Aug 23 with planning workshops and consultation with partners and stakeholders. Internally, a Regional Hazard and Environment Analysis (HEA) heralded the creation of a district HEAs that serve doctrinally as the foundation for deliberate planning. [Director's Guideline for CDEM Groups 19/15 Response Planning in CDEM refers].

A Concept of Operation (CONOPs) was developed and amended through a succession of consultations and discussions, and a *D4H play* was set up for inclusion in NEMA's National Exercise Programme EX RU WHENUA in Jul 24.

The draft plan is now ready for wider socialisation ahead of elements being tested during the EM Otago exercise round EX OHOTATA (GECC and 5 x EOCs individually exercised by means of a four-hour full CIMS-based Coordination Centre simulation) between Sep and Nov 24.

Once adopted as v1.0 by 15 Dec 24, the plan will be further honed during a multi-agency Tabletop Exercise (TTX) and a Field Training Exercise (FTX) 2025. Note that a trial of the Landing Craft *Utah II* will test a logistics-based tactical vignette on lake Wakatipu on 16 Oct 24 (see attachment).

Once approved the Otago CATPLAN (AF) will be reviewed regularly in order to maintain currency until the event actually occurs.

CONSIDERATIONS

❖ Strategic Framework and Policy Considerations

- Alignment with NEMA CATPLAN Handbook, regional and local CDEM arrangements. The plan uses sector language and is aligned doctrinally with NEMA.

❖ **Financial Considerations**

- The plan advocates for a number of risk reduction measures for which no budget is allocated. This matter is being addressed at the national level as part of the CDEM *Sector Reform* process.

❖ **Significance and Engagement**

- The plan has major ramifications for readiness across in Otago. It will be guiding document for multiagency response to this catastrophic event.

❖ **Legislative and Risk Considerations**

- Mandated by the CDEM Act 2002, the National CDEM Plan (2015), this collaborative plan acknowledges and directly addresses the risks posed by a catastrophic Alpine Fault event.

❖ **Climate Change Considerations**

- Nil.

❖ **Communication Considerations**

- The plan works in tandem with Community Resilience Strategy and local initiatives to develop Community Response Groups.

ATTACHMENTS

- ✓ Appendices 3: Emergency Management Otago CATPLAN version Sept 5th 2024



CATPLAN (Alpine Fault) MASS RELIEF Logistics Trial
Wed 16 Oct 24 Lake Wakatipu

Aim:

Conduct familiarisation training for the logistics elements assigned to MASS RELIEF and Lake Evacuation operations using the Landing Craft, Utah II.

Owned by Cecil Peak Station and currently moored at Halfway Bay, Utah II is capable of landing a 50 tonne truck-and-trailer unit at multiple beach landing sites around Queenstown and Frankton.

Timings:

From 0900 Assemble at Kingston Flyer Café and Bar. Café open for coffee and breakfast (own expense).

0930

Operational Briefing:

- Alpine Fault Hazard.
- EM Otago CATPLAN (Alpine Fault).
- Logistics Planning Considerations.

1000

Intro to Utah II (beached vicinity **Kingston Public Park**). Safety, capabilities and operational expectations.

1015

Beach Loading trial with NZ Army U1700L (Unimog) and HX60 from the Medium and Heavy Operational Vehicle (MHOV) fleet.



1100

Utah II departs for Frankton Marina with designated pax. Remainder drive to Frankton.

1415

Utah II arrives and disembarks truck at Frankton Marina Boat Ramp.

1445

Planning discussion at Coastguard Queenstown. Concurrent Cecil Peak II skipper training at alternate Landing Sites including Sunshine Bay Boat Ramp.

1600

Disperse.

Intent is to use Utah II to ferry supplies from **Logistics Base Kingston** to Queenstown and Frankton from D+3 to D+21 as part of EM Otago **RAPID RELIEF** operation.

Utah II will concurrently assist in the cross-lake evacuation to Kingston of approx 5,000 Foreign Nationals and NZ tourists as part of EM Otago **OP WAKATIPU DYNAMO** between D4 to D+8.

Contact: Andy Mackenzie Everitt, EM Otago Planning & Projects Advisor.
andy.mackenzieeveritt@otagocdem.govt.nz 027 352 6787



5 Next Meeting

Thursday 12th December 2024

6 Karakia Whakamutunga - Closing
