



**SOUTHLAND CIVIL DEFENCE
EMERGENCY MANAGEMENT GROUP**

Meeting of

Southland Civil Defence Emergency Management Group Te Manatu Arai Mate Ohorere o te Tonga

Friday, 18 October 2024, at 9.00 am

Council Chambers, Regional House, 220 North Road, Invercargill
24/SCDEMG/62

Committee Members

Mayor Ben Bell, Gore District Council
Mayor Nobby Clark, Invercargill City Council
Cr Neville Cook, Environment Southland (Chair)
Mayor Rob Scott, Southland District Council
or their alternates

Agenda

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Lucy Hicks
General Manager, Integrated Catchment Management

List of Abbreviations

Abbreviations used in this report:

CDEMG	Civil Defence Emergency Management Group
SCDEMG	Southland Civil Defence Emergency Management Group
CDEMA	Civil Defence Emergency Management Act
CEG	Co-ordinating Executive Group
AA	Administering Authority
EMO	Emergency Management Office
EOC	Emergency Operating Centre
MCDEM	Ministry of Civil Defence & Emergency Management
NEMA	National Emergency Management Agency
CEO	Chief Executive Officer
SOPs	Standard Operating Procedures
EMS	Emergency Management Southland
EMIS	Emergency Management Information System

Minutes of the meeting of the Southland Civil Defence Emergency Management Group

Held at Environment Southland, 220 North Road Invercargill, on Friday, 3 May 2024 at 9.00 am

Present:

Cr Neville Cook (Environment Southland, Chair)
Mayor Nobby Clark (Invercargill City Council)
Mayor Ben Bell (Gore District Council)
Mayor Rob Scott (Southland District Council)
Cr Keith Hovell (Gore District Council)
Chairman Nicol Horrell (Environment Southland)
Rev Evelyn Cook (Iwi)

Also Present:

Ms Lucy Hicks (Environment Southland)
Mr Cameron McIntosh (Southland District Council)
Ms Rochelle Faimalo (National Emergency Management Agency) – *via Teams link*
Mr Michael Day (Invercargill City Council) – *via Teams link*
Cr Christine Menzies (Southland District Council)

1 Welcome | Haere mai

Cr Cook welcomed members to the May 2024 meeting of the Southland Civil Defence Emergency Management Group.

2 Apologies

Resolved:

Moved by Mayor Scott, Seconded Cr Cook, that apologies be accepted on behalf of Cr Tom Campbell and Ms Wilma Falconer.

Carried

3 Confirmation of minutes | Whakau Kōrero

It was noted that a financial summary had been circulated following the December meeting, however more detail and transparency was required. A more comprehensive breakdown of costs, activities and allocation of funding would be provided to the group moving forward.

Amendments that were noted were “Councillor” Hovell instead of Mr and a mistake on the meeting closing time.

Resolved:

Moved by Mayor Scott, Seconded Cr Hovell, that the minutes of the meeting of the Southland Civil Defence Emergency Management Group – 15 December 2024, be confirmed as a true and correct record of that meeting.

Carried

4 Declarations of interest

There were no declarations of interest.

5 Public forum, petitions and deputations | He huinga tuku korero

There were no public forum, petitions and deputations.

6 Notification of extraordinary items/urgent business | He Panui autai hei Totoia pakihi

Mayor Scott asked the following items be discussed, as extraordinary/urgent business:

- Bluecliffs
- Response capability and capacity support of Emergency Management Southland due to staffing level

7 Questions I Patai

There were no questions asked by the meeting.

8 Chairman's Report | Te Purongo a Tumuaki

The Chairman did not present a report.

9 Reports

9.1 EMS Manager Recruitment update

The purpose of this item was to share the Coordinating Executive Group (CEG)-endorsed process to recruit the Emergency Management Southland Manager. Ms Hicks noted the CEG had made revisions to the Job Description and recommended the interview panel comprise of the four Chief Executives from each Council. An additional recommendation was that there be a 'second phase' of the recruitment process for the candidates to meet and interact with partners and stakeholders.

Following the Group discussion the further points were noted:

- A two tier recruitment process should include a presentation to the Southland Civil Defence Emergency Management Group (SCDEMG), either before, part of or after the formal interview with a smaller panel;
- Concern raised of the panel not including a member of the SCDEMG;
- Desire for SCDEMG to inpt into interview questions and/or topic for a presentation.

In light of the conversation, SCDEMG advised steps 5-15 of the proposed recruitment process needed to be reviewed and edited by CEG and confirmed with the SCDEMG via email.

Environment Southland was asked to share the legal advice on the difference between 'appointing' and 'employing' with the CEG Chair.

A short discussion also took place on the availability of alternate controllers and Ms Hicks advised that she would draft a letter to CEO's to ask for new nominations for alternate controllers. A paper would come to the next SCDEMG meeting, to appoint new, alternate controllers including those from the Otago and Canterbury Groups.

Resolved:

Moved Mayor Scott, Seconded Cr Cook that the Southland Civil Defence Emergency Management Group approve that interview panel comprise of the Chief Executives from each Council.

**Carried
Mayor Bell Against**

Resolved:

Moved Mayor Bell, Seconded Mayor Scott that the Southland Civil Defence Emergency Management Group approve the commencement of steps 1-4 outlined in the proposed recruitment process.

Carried

Resolved:

Moved Mayor Scott, Seconded Mayor Bell that the Southland Civil Defence Emergency Management Group request the CEG amend steps 5-15 outlined in the proposed recruitment process, per feedback received at this meeting, and report back to the next meeting (or beforehand via email).

Carried

9.2 Extension of Interim Group Controller role

This item proposed the extension of the interim appointment of Group Controller to Ms Hicks (General Manager, Policy & Government Reform, Environment Southland) for an additional three months. It was noted that an expression of interest would be going out to fill the interim role of Manager for Emergency Management Southland. Any person hired would need experience in the Emergency Management sector and Ms Hicks would remain the Group Controller for this period.

Ms Hicks advised the extension of the Group Controller role would be temporary and that Councils would be asked to nominate additional controllers, as support would be required.

It was agreed that Ms Hicks was to remain in the role of interim Group Controller role for an additional three months.

Resolved:

Moved Cr Cook, Seconded Mayor Scott, that the Southland Civil Defence Emergency Management Group:

- 1. receive the report 'extension to the role of interim Group Controller for Emergency Management Southland; and**
- 2. approve Ms Hicks remain in the interim role as Group Controller for an additional three months or until a suitable permanent replacement was appointed.**

Carried

9.3 Cyclone Gabrielle Review

This report shared the recent civil defence related review documents, the Cyclone Gabrielle review report with CEG members in order to inform future discussions of its implications and the inclusion of any learnings in future group plan considerations.

Resolved:

Moved by Cr Cook, and seconded Mayor Bell, that the Southland Civil Defence Emergency Management Group Emergency meeting receive the report titled 'Cyclone Gabrielle Review'.

Carried

10 Extraordinary/urgent business | Panui autaiā hei totoia pakihi

NEMA Update

Ms Faimalo took her report as read and advised it was a summary of recommendations. A road map would be put forward to Cabinet in the first week of June to outline how the Government and NEMA would take into consideration the recommendations. An Investment decisions paper would go in August. An internal NEMA review report would be available later in May.

It was noted that the structure of EMS in Southland was running well, and there was a need for ongoing prioritisation of training and development of Councils' staff. It was agreed, that Ms Faimalo and Ms Hicks would discuss further options for elected member training for the region.

Bluecliffs

It was confirmed the oversight of the Bluecliffs recovery now sat with Southland District Council (SDC) as it had been handed over to an SDC Recovery manager. It was noted that an after action review needed to be arranged and this would be completed in conjunction with finalising the review of the September flooding event. An independent contractor was recommended for this work.

Responding to responding to emergencies

It was clarified that there were plans in place to manage an emergency. Emergency Management Southland are asking for more staff from the Councils' to be made available for training and during responses to ensure consistent and competent staff are ready when needed.

11 Public Excluded Business

Resolved:

Moved Mayor Bell, Seconded Mayor Scott that in accordance with section 48(1) of the Local Government Official Information and Meetings Act 1987 and the particular interest/s protected by section 7 of that act, that the public be excluded from the following parts of the proceedings of this meeting, namely:

- 11.1 – Public Excluded Minutes of the Extraordinary Southland Civil Defence Emergency Management Group meeting – 25 March
- 11.2 – Letter of thanks to the former EMS Manager

The general subject matters to be considered while the public is being excluded, the reason for this resolution in relation to the matter, and the specific grounds for excluding the public, as specified by Section 48(1) of the Local Government Official Information and Meetings Act 1987 are set out below:

General Subject Matter	Reason for Passing the Resolution	Grounds under S.48(1)
<p>11.1 - Public Excluded Minutes of the Extraordinary Southland Civil Defence Emergency Management Group meeting – 25 March 2024</p> <p>11.2 - Letter of thanks to former EMS Manager</p>	<p>To protect the privacy of natural persons.</p>	<p>S.7(2)(a)</p>

Carried

Resumed in Open Meeting

Termination

There being no further business, the meeting closed at 11.10 am.

9.1 Emergency Management Southland Annual Report – 30 June 2024

Report by: Douglas Marshall, Manager Emergency Management Southland

Approved by: Lucy Hicks, General Manager Integrated Catchment Management

Report Date: 14 October 2024

Purpose

To receive the annual report to 30 June 2024 for Emergency Management Southland.

Summary

Attached to this report are the metrics reporting for the 30 June 2024 Annual Report. The background part of the report includes some additional information related to the annual report period.

Recommendation

It is recommended that the Southland Civil Defence Emergency Management Group resolve to:

1. receive the 30 June 2024 annual report.

Background

The Southland region experienced a variety of weather-related events in the past 12 months with the response to two of those events requiring civil defence declarations to be made.

Declared events require significant co-ordination by EMS, which resulted in the resources of EMS being stretched at times during the financial year. This resource deficit was compounded by a higher-than-expected turnover of staff which challenged EMS to deliver its programme as planned.

As a result, the school and community-based programmes and CDEM training delivered in 2023/2024 was limited, but will be a focus for the 2024-25 year.

The various reports on the CDEM responses to Cyclone Gabrielle and the North Island weather events in 2023 that are now publicly available provide opportunities for EMS to think about how it undertakes its future activities. The revision of the Group Plan in 2024/2025 also comes at an opportune time for the Group, while learnings from reviews of the response to the two declared events in the Southland region in the 2023/2024 provide further information for improvement.

The review of the CDEM sector in New Zealand and the development of new legislation will provide strategic guidance. Locally there will be a need for renewed efforts to increase the capacity and capability of the region's CDEM resources. Volunteers from community groups/corporate entities need to be identified and trained to supplement the traditional sources of council staff for CDEM.

The reports on CDEM responses identify the need for greater use of common operating platforms (COPs) to capture information about events which can be shared promptly with the responding agencies and the community to allow for timely decision making.

Investment therefore will be needed to:

- lift community group and council staff capacity and capability in 2024/2025 with increasing training programmes.
- Introduce new/upgrade COP's for ECC/ICP's will need to be considered/introduced. Examples will be the national approach to road closures on a GIS system based on the current NZTA system while our ECC management system is now different to most such systems in the South Island and we need to consider if standardising makes sense (the two main reasons being moving staff from other South Island CDEM groups and the ability of other groups to work in our ECC but remotely if we are on a common COP)
- purchasing Starlinks for community hubs

To achieve the above would require the reallocation of some of the annual funding for EMS or the careful use of the current cash reserves which would need to be a CEG/Joint Standing committee decision.

Business Plan Metrics – 30 June 2024 reporting

Also attached to this report is the annual metrics report on achievement.

Risks/Opportunities

There are no new risks or opportunities identified for Emergency Management Southland as a result of this report being presented.

Views of affected parties

Not applicable to this report

Fit with strategic framework

OUTCOME	CONTRIBUTES	DETRACTS	NOT APPLICABLE
Managed access to quality natural resources			X
Diverse opportunities to make a living			X
Communities empowered and resilient	X		
Communities expressing their diversity			X

Compliance with Significance and Engagement Policy

There are no items in this report which trigger this policy.

Considerations

Financial implications

Despite the costs of two declared events during 2024, EMS has operated close to its operating expenditure budgets for 2023/2024. Income from the previous year was used to support this year's activities

Other income includes \$70,000 for funding work related to the AF8 programme but not core funding delivery.

AF8 income is above budget, but reflects the programme that was agreed with the funders.

While staff costs are higher, due in part to additional staff costs related to responses to the two events, other operating costs have been lower than expected. The description “contract labour” is costs paid to contractors/consultants and includes the costs of contractors/consultants supporting the AF8 programme which are only incurred if the AF8 income has been sourced – i.e. no cost to the base EMS financial position.

Bluecliffs costs recorded below are those not provided by the Ministry of the Environment funding for the removal of the former waste site.

Emergency Management Southland Draft Statement of Financial Performance for the year ended 30 June 2024			
Actual 2022/2023		Actual 2023/2024	Budget 2023/2024
1,569,937	Levies on Contributions from Council	1,558,030	1,558,030
487,148	AF8 Project External Income	217,712	144,694
(198,886)	Income in advance	0	
8,887	Other Income	98,083	
<hr/> 1,867,086	Total Income	<hr/> 1,873,825	<hr/> 1,702,724
938,727	Staff costs	921,836	815,445
94,594	Travel/vehicle	55,037	66,713
73,280	Contract Labour	175,132	115,000
23,308	Depreciation	36,445	20,000
72,624	Other operating costs	67,854	181,847
350,000	Environment Southland support costs	350,000	350,000
<hr/> 1,552,533	Total Operating Expenditure - pre Bluecliffs costs	<hr/> 1,606,304	<hr/> 1,549,005
0	Bluecliffs emergency response	388,131	
<hr/> 1,552,533	Total Operating Expenditure	<hr/> 1,994,435	<hr/> 1,549,005
	Use of prior year income in advance	198,886	
	Reserve allocation		100,000
<hr/> <hr/> 314,553	Operating surplus/(Deficit)	<hr/> <hr/> 78,276	<hr/> <hr/> 53,719

Legal implications

Not applicable for this report

Attachments

Business plan metric reporting as at 30 June 2024.

Report on achievement of metrics in 2023/2024 Business Plan

Level of Service/Objective	Metric	Achievement
Complete quarterly report in October, February, April, and an Annual report July	The reports focus on progress to the three strategic focus areas in the AF8 Programme Strategy 2022-2025	
Organise and run stakeholder meetings throughout the 23-24 year to review project risks, gather input, and develop action plans for mitigation. Tracking the identified risks and corresponding mitigation strategies implemented	5 x Emergency Service Coordination Committees 2 x Eastern Southland Emergency Service Coordination Committee 2 x Fiordland Hazard Working Group 3 x Welfare Coordination Group 3 x Animal Welfare sub cluster 2 x Financial Assistance Sub Cluster	5 x Emergency Service Coordination Committees 2 x Eastern Southland Emergency Service Coordination Committee 2 x Fiordland Hazard Working Group 3 x Welfare Coordination Group No Animal Welfare sub cluster No Financial Assistance Sub Cluster
Increase push notification engagement and followers by 15%+ through targeted content e.g. mini comics and outreach strategies	Followers to 1700 new followers. Increase Instagram to 200 followers and reach to 500 Increase Antenno messaging views to 9500	1860 new followers. Reach 228.5k. Insta followers: 204 Reach 596 Antenno views 12,561 of 21 posts
Complete an independent annual survey of the Southland public targeting preparedness of Southland Public.	Survey results show increased preparedness level with a target of 65%	Survey still being developed for Sept/Oct 2024 release
Organize and run lifelines forums throughout the 23-24 year identify vulnerability and develop action plans for mitigation	Complete 2 Southland Regional Lifelines forums Update the Southland lifeline vulnerability report	1 x Forum completed. 3 other meetings completed. Vulnerability report not started.
Improve council employees' emergency management response proficiency as measured by pre- and post-training assessments, through a structured training program focused on skill development to enhance overall response performance	<u>Plan and run:</u> 17 EMS induction courses 6 Foundation Courses 6 CIMS Courses 6 CIMS function specific Courses	<u>Completed:</u> 19 Induction courses held 8 Foundation courses held 3 CIMS course held + 1 cancelled 6 Function specific.

Level of Service/Objective	Metric	Achievement
	Complete coordination with the four councils incident management teams	Coordination with Councils IMT paused due to limited EMS staffing
Increase public awareness and preparedness for emergencies within one year by disseminating timely and relevant information through various communication channels, leading to 20% increase in community knowledge and readiness	<p>Develop a specialist website emergency response page</p> <p>Send 10 preparedness messaging to the Southland public using the Antenna platform</p> <p>Revise four Community plans including sectorization and evacuation strategies.</p>	<p>Specialist website page not developed.</p> <p>No messages issued</p> <p>No plans reviewed during 2023/2024</p>

9.2 Emergency Management Southland - Operational report to 30 September 2024

Report by: Douglas Marshall, Manager Emergency Management Southland
Approved by: Lucy Hicks, General Manager Integrated Catchment Management
Report Date: 2 October 2024

Purpose

To receive the Emergency Management Southland operational report to 30 September 2024.

Summary

The first three months of the financial year have been completed. As at the end of the quarter, EMS has a full complement of staff/contractors. In this report staff comment on key activities completed and on what activities/programmes that will be implemented in the coming nine months.

Recommendation

It is recommended that the Southland Civil Defence Emergency Management Group resolve to:

1. receive the report – *Emergency Management Southland – Operational Report to 30 September 2024.*

Background

The 2024/2025 activities are guided by the business plan. The plan is included on this agenda and this report makes an assumption that the majority of the business plan will find favour with the joint committee, this is a staff report on progress to 30 September 2024.

New programmes of work to support the Business Plan

Delivering on the business plan requires some new programmes of investment that requires either reallocation of some of the expenditure budgets included in the draft LTP and the appropriate use of the current EMS reserves.

The reason for the investments or reallocation of budgets is due to either:

- new information being available since the draft LTP was prepared in September 2023 which changes how the EMS programme should be delivered in 2024/2025 compared to what was envisaged when the draft was prepared. An example is the funding required to update the Tsunami evacuation zones on the south coast.
- matters identified in the North Island weather events reviews as deficiencies that are relevant to how EMS currently operate. An example is the installation of starlinks at community hubs
- Starlinks installed through the region to provide an alternate form of communication if the power network in the region is ever down meaning that the cell and landline networks will not be available. A separate report is included with this agenda explaining the merits of the project.

Budget of \$100,000 to be spread over 3 years for the capital spend required for an estimated 20 sites. There is an annual cost for each site of approx. \$1,000. NEMA are currently looking at options for a nationwide contract for starlinks which is expected to provide a saving on the estimated annual and capital costs.

- D4H - is a computer system for managing the ECC activities during an event. The system manages the various tasking, reporting and resource management activities that are needed to run an emergency event. Our ECC currently uses a system using Microsoft teams which is adequate as a keeper of records but D4H is a one stop shop for meeting the management needs for an ECC. The efficiency and effectiveness of D4H has seen all CDEM entities in the South Island, except Southland, make the change to D4H.

A significant part of the setup of D4H in the Southland ECC will be provided by the other CDEM groups within the South Island thus saving time and cost, and ensuring consistency of the system across the South Island ECC's

One of the findings from the weather events in 2023 was the CDEM groups need to be looking at options for common operating platforms (COP's) or pictures that allow information to be shared inside and outside the EOC with ease. Having D4H as the common ECC management platform is part of addressing this finding for improvement in future event.

An ECC often becomes mired in paperwork during an event. D4H removes that problem and by installing D4H in the Southland ECC receives 2 immediate advantages:

- South Island CDEM staff are often supporting each other during major events. The basic D4H modules are the same in each ECC/EOC with minor differences. This makes the exchanging of staff between CDEM groups much easier to do as the base management system are the same in each ECC/EOC.
- The D4H system is run in the cloud and thus it is easy to remotely support a response with staff not located in the ECC of the region where the event is occurring

There is an annual licencing cost budgeted at \$40,000. There is no initial capital spend required.

A final assessment of the pros and cons of D4H compared to the current system will be completed before the purchase decision is committed to.

- Vulnerability Assessment. A separate report is included with this agenda explaining the merits of the project. Budget of \$100,000 has been allowed for this assessment, split over the 2024/2025 and 2025/2026 financial years.
- Tsunami Evacuation zones – south coast. A separate report is included with this agenda explaining the merits of the project. Budget of \$170,000 has been allowed for project, split over the 2024/2025 and 2025/2026 financial years.

Although these programmes of work could be deferred until the 2025/2026 financial years, a financial forecast for EMS has been prepared (bottom of this report) for the first 3 years of the LTP period which shows that the additional programmes of work can be financially accommodated within EMS financial resources.

The forecast includes the above new programmes of work to be implemented to deliver on the group plan plus a reduction/reallocation in some areas of budgeted expenditure.

The forecast assumes that the levies paid by each council will lift 3% each year.

The EMS cash reserve does not drop below \$877,000 which is well above the desired minimum balance of \$500,000. The current Group Plan refers to this balance being a minimum of \$100,000. That level was set in 2017. The desired value of minimum EMS reserve is \$500,000 which is more appropriate in 2024 % terms. In addition to this reserve, Environment Southland holds a cash reserve of \$2,000,000 available to set up the initial regional response.

In summary the above explained new programmes or investments will:

- lift community group and council staff capacity and capability in 2024/2025 with increasing training programmes.
- Introduce new/upgraded COP's for ECC/ICP's will need to be considered/introduced. D4H is an example but a further example will be the national approach to road closures on a GIS system using the current NZTA system.
- Purchasing starlinks for community hubs
- Technical assistance where required for implementing the new Group Plan and hazard assessments

Specific Operational issue updates

Community Engagement

The school's education programme is underway. In 2023/2024, five schools were visited with 706 children being engaged. To date in 2024/2025, seven schools have been visited with 860 children being engaged. In October a further seven schools will be visited with an expected 660 children being engaged.

Since the beginning of this financial year, ECC role-specific training occurred in the week commencing 19 August. More courses will occur during the year.

Planning is underway to implement programmes of work to increase our trained ECC staff and volunteers within the community as follows:

- engaging with community response groups, some of whom will not have had much in the way of communication with EMS over the past 18-24 months;
- liaise more regularly with our four council's senior management/incident management teams and in particular focus on developing a framework which set the triggers as to when a council IMT manages an event, and EMS support, ranging to when EMS manage an event, supported by council IMTs;
- training of council staff in various ECC/Incident Control Points (ICP) roles;
- considering options for involving volunteers and others in roles within an ECC/ICP;
- AF8 programme is funded for 2024/2025 and continues to provide science findings and information for the community about how to be prepared and resilient for this significant seismic event.

Emergency Co-ordination Centre (ECC)

Under the NZ building regulations, an ECC is required to have a rating known as Importance Level 4 (IL4) which means that the ECC would be available for operational use after a major seismic event. To achieve IL4 status, a building would be strengthened to ensure it is weatherproof after an event.

The ECC located on the grounds of Environment Southland was compliant in 2011 with the relevant IL4 standard when the last building consent for the ECC was applied for. Since 2011, building standards in New Zealand have changed and no further reviews of the ECC's compliance against the new building standard (NBS) has been undertaken.

A structural engineer has visited the ECC and reviewed the property files. His view was that the ECC should meet code but he needed to complete his file review and determine if a Geotech report (desktop review) would be required to complete his review.

Failure of Crowd Strike software

On July 19, 2024, CrowdStrike, a cybersecurity provider, released a content configuration update for Windows that resulted in device system crashes. The impact on two of our councils was as follows:

Invercargill City Council

The software crash impacted on a number of council systems, but staff were able to minimise the disruption by using the 'fix' provided by CrowdStrike on Friday evening. Critical computer servers were back online on Friday evening and our frontline services were up and running before any public facing services were required on Saturday morning.

Information was provided to the community and media through the council's normal communication channels.

Environment Southland

The same software crash also impacted on a number of council systems but staff were able to minimise the disruption by using the 'fix' provided by CrowdStrike on Friday evening. Critical computer servers were back online on Friday evening with all issues resolved late on Saturday afternoon. Frontline services were up and running before any public facing services were required on Monday morning.

Information was provided to the community and media through the council's normal communication channels. Both councils resolved this challenging issue using their council-based incident management processes and provided EMS with regular updates as to their progress on resolving.

Risks/Opportunities

There are no new risks or opportunities identified for Emergency Management Southland because of this report being presented.

Views of affected parties

Not applicable to this report

Fit with strategic framework

OUTCOME	CONTRIBUTES	DETRACTS	NOT APPLICABLE
Managed access to quality natural resources			X
Diverse opportunities to make a living			X
Communities empowered and resilient	X		
Communities expressing their diversity			X

Compliance with Significance and Engagement Policy

There are no matters in this report which trigger the requirements of this policy.

Considerations

Financial implications

See the report that follows.

Legal implications

Not applicable for this report

Attachments

Nil.

Emergency Management Southland Draft Statement of Financial Performance	Budget 2024/2025	Forecast 2024/2025	Forecast 2025/2026	Forecast 2026/2027	Notes
Levies on Contributions from Council	1,604,771	1,604,771	1,652,914	1,702,501	
AF8 Project External Income	247,527	230,000	230,000	230,000	
Other Income	-	59,565	-	-	
Total Income	1,852,298	1,894,336	1,882,914	1,932,501	
less operating expenditure					
Staff costs	835,421	835,421	860,484	886,298	
Additional staff	-	-	100,000	103,000	
Travel/vehicle	71,566	71,566	73,713	75,924	
Contract Labour	120,978	358,000	209,440	115,923	1
Depreciation	34,503	34,503	35,538	36,604	
Other operating costs	203,318	154,695	173,886	196,352	2
Environment Southland support costs	361,900	361,900	372,757	383,940	
Total Operating Expenditure	1,627,686	1,816,085	1,825,818	1,798,042	
less cost of following items					
Capital items	20,680	53,333	53,333	53,333	3
AF funding contribution from EMS	20,000	20,000	20,600	21,218	
Additional training	-	15,000	15,450	15,914	
Milford Sound signage/mitigation	-	20,000	20,000	20,000	
	40,680	108,333	109,383	110,465	
Operating surplus/(Deficit)	183,932	(30,082)	(52,287)	23,994	
Cash Reserve balance 30 June 2024	960,056				
Cash Reserve balance 30 June	1,143,988	929,974	877,687	901,681	
Note 1: Contract Labour (consultants) spend 2024/2025					
Community engagement/education		123,000	63,540	84,096	
Various items		30,000	30,900	31,827	
Group Plan review		50,000	-	-	
Vulnerability Study		70,000	30,000	-	
Tsunami risk south coast - update evac plans using LIDAR data		85,000	85,000	-	
Tsunami study in Milford Sound		-	-	-	
		358,000	209,440	115,923	

	Forecast 2024/2025	Forecast 2025/2026	Forecast 2026/2027	Notes
<u>Note 2: Other operating costs</u>				
Other operating costs	89,840	107,085	127,548	
D4H incident management software - upto 150 users	22,000	22,660	23,340	
D4H personnel & training software - 500 personnel-	12,000	12,360	12,731	
D4H alerting - basis model	300	309	318	
Core EMS costs	124,140	142,414	163,937	
AF8 programme costs	30,555	31,472	32,416	
Total Other operating costs	154,695	173,886	196,352	
<u>Note 3 : Capital items</u>				
Earthquake simulator replacement	10,000	-	-	
Stand up desks	10,000	-	-	
Starlinks - \$5000 per site - 20 sites allowed	33,333	33,333	33,333	
Budget allowance for year	-	20,000	20,000	
Total capital items	53,333	53,333	53,333	

9.3 Report on Lifelines Group Vulnerability Study

Report by: Douglas Marshall, Manager Emergency Management Southland
Approved by: Lucy Hicks, General Manager Integrated Catchment Management
Report Date: 7 October 2024

Purpose

This report outlines a proposed update to the Southland Regional Lifelines Group Vulnerability Study.

Summary

The current Southland Regional Lifelines Group Vulnerability Study was completed in 2012. This study needs to be updated and EMS will complete this project in 2025. This project had funds allocated for completion in the previous fiscal year, but emergency response and staff turnover within EMS prevented its initiation and completion.

Recommendation

It is recommended that the Civil Defence Emergency Management Group:

- 1 receive the report - *Southland Regional Lifelines Group Vulnerability Study Update*.

Background

Most regional lifelines groups in New Zealand have undertaken studies to assess the vulnerability of lifelines infrastructure to natural hazards in their region. These studies aim to understand service impacts of natural disasters, such that impacts can be minimised and recovery times reduced. The outputs from this work are used by lifeline utilities to support investment in risk mitigation work.

The Southland CDEM Group Plan has an identified Reduction objective to undertake long-term, strategic reduction of the risks from hazards through collaborative planning with stakeholders. One identified method to do this is to support the Regional Lifelines Group to address key infrastructure vulnerabilities. Additionally, the plan states that having a better understanding of the assets and their interaction with our essential services provides the opportunity for improvement of our risk management, and prioritisation of these essential services and asset linkages. This better understanding also provides backing for planning early resilience interventions of asset issues.

The Southland Lifelines Group and EMS completed its first regional vulnerability study in 2012. This study is very out-of-date and needs a major update.

Otago Emergency Management recently completed an update to its regional vulnerability study. This cost approximately \$70,000 using a consultancy business. An update to the Southland study will likely be close to this cost, as it is anticipated the same consultant will be used (Toa Consulting). A detailed quote will still be needed to confirm this. Toa Consulting has provided several CDEM groups with similar vulnerability studies, so EMS working with them will help provide consistency and alignment across CDEM groups.

The 2024/2025 budget has \$70,000 allocated for this project with an additional \$30,000 allocated in 2025/2026 if required.

Next steps

- Discuss the proposed project with potential contractor and obtain quote for scope of work.
- Approve quote and scope of work.
- Coordinate with members of the Lifelines Group to assist with study inputs (individual vulnerability assessments of assets, interviews, workshops) as required by contractor.
- Coordinate with contractor and Lifelines Group members to ensure consultation between parties and all information needed for the study is provided.

9.4 Report on Tsunami Evacuation Zones for South Coast

Report by: Douglas Marshall, Manager Emergency Management Southland

Approved by: Lucy Hicks, General Manager Integrated Catchment Management

Report Date: 7 October 2024

Purpose

This report is provided to update the Joint Standing committee on revised evacuation plans for the region's south coast.

Summary

Signage and supporting material currently exist at various locations on the south coast explaining the risk of tsunami waves if an individual is close to the coast and a "long and strong" earthquake is felt. The signage and related evacuation zones need to be updated as noted below.

Recommendation

It is recommended that the Southland Civil Defence Emergency Management Group resolve to:

1. receive the report - *Tsunami Evacuation zones for south coast areas.*

Background

In 2023, EMS staff requested a proposal from GNS to provide hydrodynamic tsunami inundation modelling to better define evacuation zones for Invercargill, Bluff and Riverton in line with the NEMA standards.

Signage explaining the impact of a tsunami on a number of coastal areas has been in place for a number of years using the three zone method of:

- Yellow
- Orange
- Red

The evacuation zones have been appropriate but in recent months, Environment Southland has received LIDAR data which provides far more accurate information on the heights and levels of land across the majority of the region.

This information is particularly critical with regard to forecasting the impact of tsunami on the south coast and how far individuals should move if they are close to the coast if they feel the impact of a "long and strong" earthquake. Such events have the potential for releasing a wave that will arrive at the coast before a formal evacuation warning can be given and thus it is important that individuals take immediate action to remove themselves from the coastal area. They can do so best if they are well informed by signage that is in their vicinity at the coast – hopefully signage that they have previously read.

In recent time, NEMA has formed a view that the three zone method has created a lack of a nationally consistent approach which has implications for public education and tsunami warnings, communication and behaviour during tsunami events.

NEMA has just issued a consultation document as the first step in updating the current guideline and the introductory paragraph says:

New approach for evacuation zones

This guideline introduces a new approach to tsunami evacuation zones for Aotearoa New Zealand.

The new nationally consistent approach for public-facing tsunami evacuation zones is the use of a single blue evacuation zone.

This approach simplifies public-facing tsunami evacuation zones, particularly in local tsunami events, when threat to life is highest and there is not enough time for an official warning.

This NEMA approach and the EMS local approach to update understanding of the tsunami risk have come together at the same time, meaning EMS can use the recently acquired LIDAR data to prepare updated evacuation zones that are consistent with the new NEMA “blue evacuation zones”.

The priced budget of \$170,000 has been split over the next two years to complete the study.

Environment Southland staff that have knowledge with tsunami modelling are assisting EMS staff with developing an updated brief of the modelling development. Members of the national Tsunami Advisory committee have also been contacted for assistance.

Next steps

- Update brief for modelling based on the new “blue” zone approach.
- Discuss project with potential contractor and to obtain quote for scope of work.
- Approve quote and scope of work.
- Coordinate with members of the Lifelines Group to assist with study inputs (individual vulnerability assessments of assets, interviews, workshops) as required by contractor.
- Coordinate with contractor and Lifelines Group members to ensure consultation between parties and all information needed for the study is provided.

9.5 Report on Community Starlink Project

Report by: Travis Howell, Principal Emergency Management Advisor

Approved by: Douglas Marshall, Manager Emergency Management Southland

Report Date: 7 October 2024

Purpose

To update the Joint Standing Committee on the Emergency Response Starlink project for Southland communities.

Summary

EMS is pursuing a project to field Starlink kits throughout Southland communities. This project will be designed to provide internet and voice communication during an emergency to isolated communities in the event mobile and internet coverage is compromised. The event when Starlink will provide their best value will be after an AF8 seismic event, when it is anticipated there will be limited power from the electricity network for possibly a period of up to a week.

The project has two main benefits:

- it will assist with the ability to respond to any emergency in which communities are isolated in this manner. This will be of a similar scope to how the Community VHF base-station radio systems were distributed in our communities (currently 21 radios in communities and two spares at the ECC) and serve as alternative communications with the ECC.
- community response groups will be able to set up Starlink in their community at the local hall by way of example, allowing individuals to have say 10 minutes to send messages to loved ones etc by text/email letting them know how they have fared during the event. This inability to communicate through the normal social media channels that most use day-to-day when power is lost will be resolved, to a degree, by the availability of community Starlink. This will aid people's wellbeing at a time of challenge.

Recommendation

It is recommended that the Southland Civil Defence Emergency Management Group:

- 1 receive the report – *Report on Community Starlinks*.

Background

One significant impact of Cyclone Gabrielle was the immediate loss of all normal methods of communication (phone, internet, mobile phone) with isolated communities. Starlink internet systems are a practical way to maintain a very basic level of communication to isolated communities once normal methods of communication are lost during an emergency.

Just prior to Cyclone Gabrielle impacting New Zealand, the West Coast CDEM group had created and procured several purpose-built emergency response Starlink kits which they intended to locate throughout the West Coast in communities. They received delivery of these kits shortly before Cyclone Gabrielle made landfall, and instead of sending these kits to West Coast communities, they were deployed to cyclone impacted areas of Hawkes Bay.

This real-world testing proved their usefulness, capabilities, and areas to improve the kit design.

West Coast CDEM has now fielded over 60 of these kits across the West Coast and extensively tested the design. EMS is now pursuing a similar programme using the West Coast CDEM kit design as a template.

In conversations with project managers at West Coast CDEM, the kits will likely cost \$3000-5000/kit. The main reason for the price range variation is due to the various options available for alternative power for the kits (solar, petrol-generator, battery banks). West Coast CDEM fielded a variety of alternative power options in its kits to suit community specific needs.

There will be an on-going annual cost of \$575/kit for access-point licensing and subscription fees.

If EMS fields a kit in approximately every location a Community VHF Radio is located plus four kits located at the ECC for regional/national deployment, it will eventually field ~25 kits. This total number of kits is primarily dependent on determining suitable locations for the storage of the kits within each community.

The roll-out of these kits will be in batches over the next three years (2024/25–2026/27). The budgeted capital cost is \$100,000 over the three years. Budgets have been adjusted for the annual licencing costs.

Next steps

- Create list of locations (three communities + two kits for regional deployment) to initially roll-out the first batch of the kits. These locations are primarily dependent on the ability to store the kits in a secure location within community.
- Determine if NEMA Starlink collective CDEM licensing arrangements (still pending roll-out) will be compatible with this project. If not, EMS will obtain and manage licensing in-house (current method West Coast CDEM is utilising).
- Obtain price quotes for all components (in-progress).
- Purchase hardware components for five kits initially to test and confirm the suitability of the kit configuration.
- Field the initial five kits and solicit community feedback on any adjustments needed to the kits for future purchases.
- Incorporate feedback into future purchases and then continue to roll-out the kits in batches of ~five kits with an eventual total of 25 kits estimated to be purchased in total.

9.6 Training Report September 2024

Report by: Tracey Fraser, Team Leader, Emergency Management Southland

Approved by: Douglas Marshall, Manager, Emergency Management Southland

Purpose

To provide the Joint Committee with an update on 2024 financial year training participation and provide the draft training courses for 2025.

Summary

This report contains information on participant numbers supplied for the third quarter training courses and available training courses for the fourth quarter of 2024; the draft 2025 Training schedule; and notes that Governance training has been included as proposed for 2025/2026 due to it being an election year.

Recommendation

It is recommended that the Southland Civil Defence Emergency Management Group resolve to:

1. receive the report - *Training Report September 2024*.

Background

Emergency Management Southland provides training to the four Southland Councils to ensure there is capacity and capability should there be a need to activate for an event. It has been recognised these courses will need to be on-going, annually, due to expected staff turnover and general availability.

The Operations Subcommittee at its meeting of 11 October 2024, made the following points:

- a training strategy must be developed;
- it needs to be implemented by each of the four council's, supporting EMS requirements;
- a top-down approach needs to be used by each council to build the numbers and competency of the four councils;
- look to how the various lifeline entities can support each other during training, developing contingency plans and in response events.

Implications/risks

Failure to train Council staff could result in an under-resourced and potentially mismanaged response during an event, which could result in adverse outcomes for the Southland community.

Fit with strategic framework

OUTCOME	CONTRIBUTES	DETRACTS	NOT APPLICABLE
Managed access to quality natural resources			X
Diverse opportunities to make a living			X
Communities empowered and resilient	X		
Communities expressing their diversity			X

Considerations

Financial implications

EMS is granted approximately \$60,000 annually from the Tertiary Education Commission to conduct training courses in Southland (with set criteria for participation). The external facilitators charge per course, whether there is full participation or not. It is therefore recommended the courses are promoted by Councils to ensure the budget is utilised to its fullest extent. In September 2024 a further \$8700 was granted due to scheduled training courses.

Legal implications

Section 64(1) of the Civil Defence Emergency Management Act (CDEMA) 2002 states that a local authority must plan and provide for civil defence emergency management within its district.

Attachments

EMS TRAINING REPORT FOR OSC



EMS TRAINING REPORT FOR OSC

1 July – 30 Sept 2024 Participants	Induction	Foundation	CIMS 4	Function specific
GDC	15	13	3	8
SDC	20	3	6	6
ICC	7	4	10	5
ES	4	6	4	7

Scheduled 1 Oct – 31 st Dec 2024 Participants	2 x Induction	2 x Foundation	1 x CIMS 4	1 x Function specific
GDC	N/A	1	7	1
SDC	13	1	1	
ICC	6	2	6	
ES	23 (14*)	4*	6	4

*FIRST Team members

DRAFTED 2025 Courses	Induction	Foundation	CIMS 4	Function specific	Controller	Exercises
GDC	3	2				
SDC	6					
ICC	6					
ES	6					
Held at EMS		6	6*	6	10	12
Total courses					51	12

*FIRST x1 equiv.

Proposed Governance Training 2025 – First ¼ 2026	Elected Officials Package	Elected Officials summary + BAU	Elected Officials summary + CRG's	Council Induction
Mayors	X			
Deputy Mayors	X			
CE's		X		X
ELT's		X		X
Councillors			X	X
Community Boards			X	X
Total courses	1	4	15	= 20

BAU = JC / CEG / OSC structure / Group Plan and supporting docs / Training / BCPs

9.7 AF8 update as at June 2024

Report by: Douglas Marshall, Manager Emergency Management Southland
Approved by: Lucy Hicks, General Manager Integrated Catchment Management
Report Date: 2 October 2024

Purpose

To provide the Joint Committee with an update on progress with Project AF8 as at June 2024.

Summary

The AF8 project is a leading example of how the science of a hazard can be explained to the community in a manner where their understanding of the hazard becomes “mainstream” and the community as a whole and individually, lifts its preparedness to an event occurring as a result of the hazard – in this example an earthquake of magnitude 8 on the Alpine fault-line.

Recommendation

It is recommended that the Southland Civil Defence Emergency Management Group resolve to:

1. receive the report - *AF8 update as at June 2024*.

Background

The AF8 project has been extremely successful collaboration of the six South Island CDEM Groups. Attached to this item is the project’s report to June 2024 on AF8 activities.

Implications/risks

No issues relevant to this report.

Fit with strategic framework

OUTCOME	CONTRIBUTES	DETRACTS	NOT APPLICABLE
Managed access to quality natural resources	X		
Diverse opportunities to make a living			X
Communities empowered and resilient	X		
Communities expressing their diversity			X

Considerations

Financial implications

No implications

Legal implications

Section 64(1) of the Civil Defence Emergency Management Act (CDEMA) 2002 states that a local authority must plan and provide for civil defence emergency management within its district.

Attachments

AF8 Year 8 report



Year 8 Report

We can't predict earthquakes, but we can prepare for them.



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Appendices to this report are provided as links to reduced the document size, individually below and together [HERE](#)

Appendix 1 – Ngāi Tahu and AF8 Campaign Report – [HERE](#)

Appendix 2 – AF8 NCEA Resource Report – [HERE](#)

Appendix 3 – A Lot On Our Plates Campaign Report – [HERE](#)

Introduction

This report summarises the AF8 Programme activities for Year 8 (July 2023 – June 2024) across the programme’s three Strategic Focus Areas (SFAs) and provides links to related reports for more detailed information on specific projects.

It has been another busy year for the programme, on top of our own deliverables we’ve also supported National Exercise Rū Whenua in the development of the exercise scenario and science updates. Rū Whenua brought 100s of emergency managers, agency partners and central government leadership together to exercise and workshop how we will respond to and recover from to the next large Alpine Fault earthquake. On behalf of our AF8 Programme partners and communities, thank you to everyone who participated and contributed to Rū Whenua – there will always be more to do, but the proactive measures we take now will make a difference, enabling us to learn from each other and improve our collective resilience at every level.

At the start of the 2024 we launched our AF8 NCEA Curriculum resource, which has been co-designed with teachers for Geography Level 1 internal assessment. It has been extremely well received over just two school terms, being picked up by schools in the South and North Islands, and is also being used in Year 10 social studies classes and as a activity to prepare students for other external assessments.

We were also kept busy running two co-produced social media campaigns. The first in partnership with Ngāi Tahu wove together cultural narratives with AF8 science to raise awareness of the Alpine Fault and encourage preparedness actions. The second in collaboration with East Coast LAB built on two previous campaigns we’ve run together called A Lot On Our Plates (ALoop). These impact of these campaigns is reflected in the online engagement insights summarised at the end of this report and in the linked project reports.

Behind the scenes we’ve also been developing and building the AF8 Research & Readiness (R&R) Hub, which will sit at the heart of the programme’s second SFA and support the coordination of science and planning tools to enable informed decision-making in readiness. This will be soft launched in late-August 2024.

We are also looking forward to sharing our new AF8 Communications & Engagement Framework & Consistent Messaging Guide with our partners in the next few weeks. These documents mark a smarter, more joined-up approach to communicating and engaging people with the AF8 Scenario, and the science and emergency management experience that informs it, across the AF8 Partner Network.

Thank you to you all for your ongoing support and collaboration. Looking forward to more of the same in Year 9 of the AF8 Programme!



Strategic Focus Area #1: Raising Awareness

Raising awareness and increasing understanding of the Alpine Fault hazard risks and consequences, and the AF8 programme.

AF8 NCEA Curriculum Resource – Launch

Co-designed by the AF8 Programme and geography teachers, with sponsorship from Toka Tū Ake EQC

This year marked a major milestone in the co-design of our AF8-based NCEA Resource with the launch of the final product for use in the classroom at the start of Term 1 (February 2024). This project, which has evolved alongside the national NCEA Curriculum Change Programme over multiple years, has been extremely well received so far, with 40+ schools indicating they are looking to use it this school year.

The Alpine Fault and Our Active Faults is an NCEA Level 1 Geography resource aligned to the new New Zealand curriculum and designed to teach students all about the Alpine Fault and our active faults, while also learning transferable geospatial information system skills in ArcGIS Online. The resource is designed to make the AF8 knowledge-base more accessible in schools by aligning it to specific curriculum assessments, to support inter-generational understanding of the Alpine Fault hazard risk, and build collective resilience to future events.

- The resource can be found here: af8.org.nz/the-alpine-fault-and-our-active-faults
- The full project report for Year 8 can be found in the linked appendices: [HERE](#)
- A snapshot of the digital engagement insights for the resource can also be found on [page 11](#).

Thanks to Illuminate Science and teachers from around the country for helping co-design this resource, and to Toka Tū Ake EQC for sponsoring this work. Ngā mihi nui ki a koutou, Brendon Roberston (Mount Aspiring College), Alasdair Lean (Kaikōura High School), Mary Robertson (Kaiārahi Geography), Sarah Cadman and Jemma Hurst (Ashburton College) and Claire Thurlow (Eagle Technology) for your knowledge and support.

Kauraka e Matau, kia Takatū! Don't be scared be prepared!

Co-produced by Te Rūnanga o Ngāi Tahu and the AF8 Programme, with co-funding from Toka Tū Ake EQC

A second stand out project from Year 8 has been our co-produced video and campaign with Te Rūnanga o Ngāi Tahu's Whānau and Emergency Preparedness Team – *Kauraka e Matau, kia Takatū! Don't be scared be prepared!* This project has really reinforced the benefits and impact of collaborative projects, where the AF8 Programme partners with others to help raise awareness and prompt action. The video weaves cultural narratives with Alpine Fault science to remind us what the many large earthquakes on the Alpine Fault over the past millions of years have given us – the foundations for the beautiful landscapes of Te Waipounamu (South Island), and also build understanding of what the next large earthquake could take away and challenge us with – so that we can all take action to be better prepared.

We launched the video in late March with two webinars and followed up with an 11-week social media campaign which leveraged both partners channels. Overall the campaign reached a total of 268,294 people across all social media platforms (equivalent to ~25% of the South Island's total population). The video and campaign were also picked up by local and national media outlets, with a total reach of 99,903 across all publications. 500+ comments were received in response to the competition – “tell us a step you have taken or will take to prepare you whānau for an AF8 earthquake or other emergency event?” – these ranged from detailed plans, to those who took the campaign as good reminder to update/start preparedness activities. Many of the comments also offered advice to help others get started

- The video can be found here: af8.org.nz/explore-the-science/kauraka-e-matau-kia-takatū
- The full project report including engagement insights and evaluation can be found in the linked appendices: [HERE](#)

Kā mihi nui ki a koutou, big thanks to all involved for your collective knowledge, time and support.

A Lot On Our Plates Social Media Campaign

Co-produced by the AF8 Programme and East Coast LAB, with sponsorship from Toka Tū Ake EQC.

This year we also ran our third *A Lot On Our Plates* (ALoop) social media campaign with East Coast LAB, to raise awareness of New Zealand's natural hazards and the risks they pose, and encourage people to prepare.

This year's campaign ran for six weeks, with daily social media posts from Monday 8 April to Friday 17 May, and finishing again with an expert panel live streamed on Facebook, answering crowd-sourced questions. The campaign included a variety of content: bespoke graphics, quizzes, videos, animations, stories, and the online expert panel event. The content developed was shared across both programmes' Facebook, Instagram and Threads channels.

Overall engagement throughout the campaign was down on previous years. However, the expert panel event again proved to be a highlight of the campaign with more audience questions than we could answer and good engagement levels. A big thank you to our expert panel science partners for your time and expertise.

→ The full project report for Year 8 can be found in the linked appendices: [HERE](#).

AF8 Communications & Engagement Framework – Version 1

Co-produced by the AF8 Programme and our partners

The AF8 Communication and Engagement (C&E) Framework 2024-2026 provides direction for a unified approach to communication and engagement activities across the AF8 Programme's 'network' of partners. Overall, the AF8 C&E Framework aims to:

- **Ensure** that communication serves as a strategic tool to achieve shared outcomes.
- **Develop** a monitoring framework for communications and engagement as indicators of success.
- **Guide** the 'AF8 network' to coherently and consistently speak with a unified voice.

The AF8 C&E Framework sits under the AF8 Programme Strategy 2022-25 and above the AF8 Consistent Messaging Guide (see next page), AF8 Public Education Toolkit and other initiatives (e.g. the AF8 Roadshow). It outlines how these resources work together, offers guidance on how they can be applied, and outlines the AF8 Programme's role in supporting, facilitating, developing, coordinating and maintaining communications and engagement activities and materials to better support and be supported by our partners.

Version 1 of the AF8 C&E Framework is designed to support consistent communications across AF8 partners and has been co-developed with the AF8 Public Ed & PIM RPG. It outlines 'who' we communicate with and 'why', and summarises 'where' and 'when' this typically happens. It also provides guidance on 'how' we communicate and engage through a series of communication characteristics (e.g. style, tone) that when applied consistently will make our collective messaging stronger. The Framework also includes a set of appendices intended to support communication activities and provide supplementary guidance.

There have been some minor but unavoidable delays to the progress of the Frameworks publication. It is currently in its final review stages and we are aiming for publication in August 2024.

→ If you would like to be notified when the Framework is available, register your interest here: [HERE](#).



AF8 Consistent Messaging Guide – Version 1

Co-produced by the AF8 Programme and our partners

The AF8 Consistent Messaging (CM) Guide 2024-2026 is designed to provide science-based, coordinated messaging to support Alpine Fault hazard risk and readiness communications, including a summary of messaging for specific South Island regional contexts to increase understanding at a local level. The CM Guide objectives are to:

- **Build** capability and support public education and readiness activities.
- **Support** an informed, coherent understanding of the Alpine Fault hazard, and enable consistent messaging inter-regionally and inter-agency.
- **Ensure** public safety messaging is underpinned by robust science, and the research is accessible, applicable and actionable.
- **Connect** public education messaging with response communication, ensuring what we say in readiness supports Public Information Management in response.
- **Enhance** communication aimed at improving our understanding of and resilience to all catastrophic natural hazard events in Aotearoa New Zealand.

While the AF8 C&E Framework outlines the 'who', 'why', 'where', 'when' and 'how' we communicate together, the CM Guide provides the 'what' we communicate to enable consistency. It has been co-developed with the AF8 Public Ed & PIM Group and builds on existing consistent messaging guides (e.g. NEMA's nationally agreed consistent messaging guide 2022) and learnings from previous AF8 communication and engagement activities over the last 8 years. The main focus of Version 1 is hazard risk and readiness messaging. The inclusion of response messaging will be reviewed alongside PIM response planning activities in 2024-25.

There have been some minor but unavoidable delays to the progress of the Guide's publication. It is currently in it's final review stages and we are aiming for publication in August 2024.

- If you would like to be notified when the Guide is available, register your interest here: [HERE](#)

AF8 Regional Impact Animations

Co-produced by the AF8 Programme and our partners, supported by UO Science Communication Intern.

In Year 8 the AF8 Programme has been fortunate enough to work with Science Communication Intern, Jodie Evans (Masters Candidate, University of Otago) to develop a series of animated regional impact videos. These short videos are narrated by previous AF8 Science Lead, A/Prof. Caroline Orchiston (University of Otago) and animated by Jodie, with advice and guidance from the AF8 Programme Manager and Helen Jack (Environment Canterbury).

The videos are based on the AF8 Hazard Scenario South to North rupture, and are designed to fit into the AF8 Science Scenario StoryMap 'Potential Hazards & Impacts' section. There are 9 videos in total, with some regions divided into two parts based on potential local impacts: Fiordland, Southland, Inland Otago, Coastal Otago, Inland Canterbury, Coastal Canterbury, West Coast, Nelson Tasman, Marlborough.

There have been some minor but unavoidable delays to the progress of the animations completion. We are currently working through the last few updates with a view to publishing them for use in August 2024.

- If you would like to be notified when the animations are published, register your interest here: [HERE](#)

Big thanks to Jodie Evans and the University of Otago Science Communication Dept. for your support.



Strategic Focus Area #2: Coordinating Intelligence

Coordinating intelligence for Alpine Fault earthquake response planning and preparedness.

AF8 Research & Readiness Hub

Co-produced by the AF8 Programme and our partners.

The AF8 Research & Readiness (R&R) Hub is being developed to meet the two key objectives of the AF8 Programme’s strategic focus on the coordination of intelligence, which are to:

- a) Build and coordinate a central knowledge-base to inform Alpine Fault planning and preparedness activities.
- b) Provide a conduit for the direct application of Alpine Fault related research into practice.

It will bring together relevant science outputs, models and publications, alongside workshop outputs and planning tools into one coordinated online hub, utilising geospatial data and tools wherever possible. The AF8 R&R Hub is hosted on the AF8 Programme’s ArcGIS Online platform, managed by the programme on behalf of our partners and the data/information owners.

This is guided by a set of agreed “AF8 Data Sharing & Access Protocols” which make clear the terms for access to the hub content. Version 1 of this protocol is available to download [HERE](#).

The protocols outline how access to the content associated with these products and projects will be managed using the AF8 4-Level Data Sharing & Access Framework, outlined below and in the protocols.

Although there have been some delays over the past 12 months, progress on the AF8 R&R Hub has been advanced over the past few months with the development of a new set of science products for National Exercise Rū Whenua, which was based on the AF8 Hazard Scenario. At the time of writing these products are now being translated into GIS applications for use at planning tools.

These include:

- AF8 Household Impact modelling
- AF8 Transient Population modelling

Also in development:

- South Island Priority Routes Project
- Emerging Research database
- Published Research database
- AF8 Hazard Profiling Workshop outputs

The intention is to have the Hub up and running in late-August 2024, marking the end of the first phase of development. This first phase will likely be released as a ‘soft’ launch to introduce the hub, and the data and products available to our AF8 partners. Following the soft launch we intend to hold a science-to-practice workshop with our partners to continue iterating the hub and it’s contents in 2024-25. The AF8 R&R Hub will evolve and develop overtime as AF8 science and planning progress.

AF8 Research & Readiness Hub			Level 4: Confidential
Level 1: Public	Level 2: Controlled	Level 3: Highly Controlled	
Everyone	Emergency Managers, Science Partners (by invitation)		On Request
AF8 Hazard Scenario AF8 Scenario: ShakeMaps Peer-reviewed & published research relating to the Alpine Fault Emerging research database (unpublished)	AF8 planning products and shared geospatial data. Science research data that cannot be shared publicly but is useful for planning.	AF8 project groups with shared geospatial data. Science research data relevant to project group work.	AF8 Planning Products and Science research data of a sensitive nature that cannot be shared without additional support and/or information.

AF8 Scenario Development Working Group

Led by the AF8 Science Lead with support from the AF8 Science Coordination Group

Late 2023, the AF8 Scenario Development Working Group (SDWG) was set-up to develop and deliver an updated AF8 Hazard Scenario for the National Exercise Rū Whenua Team at NEMA.

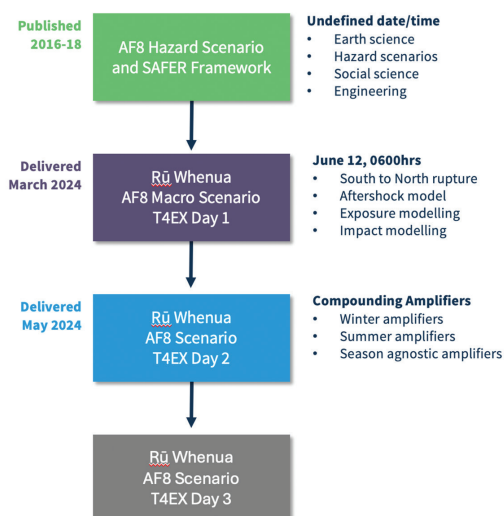
The AF8 Programme's ability to support Rū Whenua is testament to the strong partnership between science and emergency management, which underpins the programme and has been strengthened over the past 8 years by the collective activities of our partners.

The AF8 SDWG is chaired by the AF8 Science Lead on behalf of the AF8 Science Coordination Group, and on behalf of the team we'd like to thank everyone who has supported and fed into the scenario development for the exercise.

The Rū Whenua AF8 Scenario included the following science updates:

- An updated Household Impact Model based on the AF8 Scenario – co-developed with the AF8 Welfare Group and funded by Resilience to Nature's Challenges – Rural.
- A new Transient Populations Model – funded by Resilience to Nature's Challenges – Rural.
- An updated Casualty Model based on the AF8 Scenario – funded by GNS Science – SSIF. (to be shared at Level 4 only).

These updates are now also being worked through and developed into tools for response planning activities and will be hosted on the AF8 Readiness & Response Hub (see previous page).



South Island Priority Routes Project

Co-produced by the AF8 Lifelines RPG and AF8 partners, with support from Waka Kotahi.

Funded by the NEMA Resilience Fund, with support from Canterbury CDEM and the AF8 Programme.

Over the past year, the AF8 Programme has supported the development and delivery of the South Island Priority Routes Project. This is one of several inter-regional projects identified by the AF8 Lifelines Response Planning Group (RPG). The aim was to identify priority sites and routes for restoration following an AF8 Scenario earthquake and was identified as a high priority by the Lifelines RPG. The group applied to the NEMA Resilience Fund in January 2023 and, once funding was approved, the project development started in late 2023.

Eight regional workshops were held across the South Island in late-February and early-March. These brought together regional CDEM and Lifelines representatives, science partners, subject matter experts and Waka Kotahi staff (regionally and South Island-based), to identify and prioritise road routes for restoration following a disaster using the AF8 Scenario as a catalyst while testing thinking against other hazards as well.

A big thank you to the project team led by Martyn Wooster and Mark Gordon of Canterbury Lifelines and the AF8 Lifelines RPG. Thanks to our regional CDEM Lifelines representatives for coordinating and hosting the workshop(s) in your region, and to all the workshop participants for your expertise and contributions.

The outputs from the workshop are now being digitised into the AF8 Research & Readiness Hub and will be made available to the regions in August as part of the AF8 R&R Hub phase one development completion.

These will be shared according to the Hub 4-Level sharing framework, and include: GIS viewer, feature layers, background context and project summary, and the final project report.

For access to the Priority Routes project layers and application once they are published, please contact your regional Lifelines Program Lead/Manager.

AF8 Coordination Areas Project

Co-developed by the AF8 Programme with support from FENZ USAR and AF8 partners.

During the response and recovery to the Westport flooding in 2021 West Coast Emergency Management (WCEM) and Fire and Emergency NZ Urban Search and Rescue (FENZ USAR) completed wide area and rapid impact and risk assessment of over 3000 buildings over 1.5 days. To enable such an efficient and effective operation both partners used a Common Operating Picture and Common Operating Platform, which was underpinned, by consistent coordination areas including sectors and sub-sectors. The AF8 Programme and FENZ USAR are using this successful operation to test and refine the AF8 Coordination Areas Guideline and Technical Methodology.

Emergency Management Southland (EMS) supported case studies within Ōtautau, Milford, Gore, Matakura and Invercargill to test existing datasets and the domains where they apply in creating coordination areas at regional to tactical scales. The Southland case studies undertaken with Eagle Technology have been pivotal in drafting and testing the technical methodology for developing the Coordination Areas guidance.

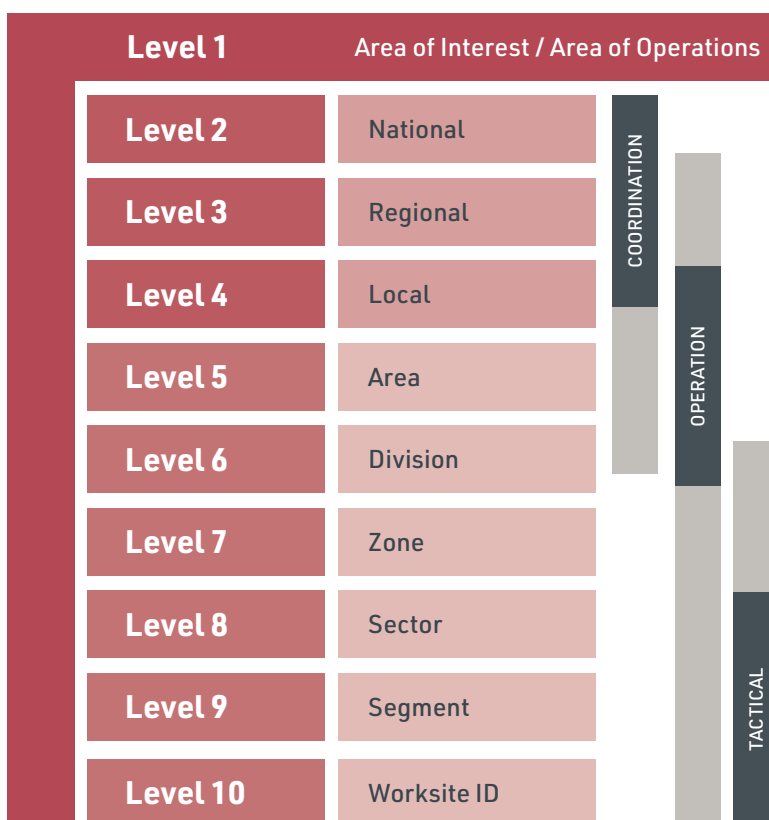
WCEM and the Franz Josef Community Response Group (CRG) have provided insight into how they use coordination areas with their volunteers during response and recovery. This case study has shown the importance of defining *Areas of Interest* and *Areas of Operation* in a community context while also highlighting how this CRG use 'sectors' during response to ensure they understand and monitor the impact to their community, and feed intelligence back into the Emergency Management System and situational awareness.

After analysis with agencies involved in life safety, health and rescue in Emergency Management as well as community volunteer groups we have landed on the most commonly used names and levels of 'sectors' shown in the figure below. This has set the number of Coordination Levels as well as the most consistent and/or more widely understood name for each level which is shown in this diagram.

National, Regional and Local Coordination Areas are well defined and remain static throughout readiness, response and recovery to a event in New Zealand. However Level 5 to Level 10 need to remain adaptable to each agencies role in Emergency Management and their needs. In some cases the areas they cover may be consistent with their partners or they may be bespoke. This is especially true at a tactical level.

We now have enough case studies across Te Waipounamu to finalise the first version of the AF8 Coordination Areas Guideline and the AF8 Coordination Areas Technical Methodology with the Project Reference Group and to push this version out to our partners for feedback and options for refinement.

We thank all of our partners for putting time into this project to come up with the Coordination Levels and their names that best fit the many partners involved in Emergency Management.



Strategic Focus Area #3: Networking & Collaboration

Supporting networks for ongoing collaboration and advocating for a coordinated approach to readiness and response planning for an Alpine Fault earthquake.

AF8 Response Planning Groups (RPGs)

AF8's Response Planning Groups (RPGs) have been at the centre of the AF8 Programme's networking and collaborating activities for the last few years. They have existed in various iterations since 2019, when the 6 South Island Group Welfare Managers began meeting regularly to progress Welfare planning for an AF8 Scenario earthquake. In 2024, we have 4 AF8 RPGs – Welfare, Lifelines, Public Ed & PIM and Intel, comprising relevant regional representatives, NEMA planning representatives, science partners and relevant subject matter experts.

Until now, group membership has been largely self-selected, because most of the groups were initially self-formed. To date, there has been no Iwi representation on these groups. However, with the restart of meetings now confirmed for August, we will be extending invitations to the AF8 Programme's Iwi partners at Te Rūnanga o Ngāi Tahu and Te Taihū to join and/or participate in these groups. It will be up to our Iwi partners to decide which group(s) will add the most value to their AF8 preparedness activities.

The AF8 Programme supports this inter-regional collaboration by coordinating and facilitating meetings, hosting shared Teams/SharePoint document libraries for each group and providing a direct conduit between AF8-related science and emergency management practice.

In the absence of a dedicated inter-regional planners or planning activities, the RPGs have taken a lead in driving readiness, planning and preparedness activities for an Alpine Fault earthquake across the South Island. Demonstrating the positive impact of a collaborative approach to catastrophic and complex event planning. The results of this work include:

- The AF8 Household Impact Model (informed by the AF8 Welfare RPG and updated for Rū Whenua);
- The South Island Priority Routes Project (led and developed by the AF8 Lifelines RPG);
- The AF8 Intelligence Support Plan (led and developed by the AF8 Intel RPG); and
- The AF8 Consistent Messaging Guide and AF8 Communications & Engagement Framework (co-produced with the AF8 Public Ed & PIM RPG).

After some delays and a recent pause in some meetings, the AF8 RPG meetings will start up again in August 2024 and will maintain alignment with NEMA's CatPlan working groups. The objectives of these meetings is to continue to build and strengthen networks between our regional and national partners, provide CatPlan Programme updates to these regional planning groups, review existing collaborative projects and identify new inter-regional opportunities for collaboration

Te Waipounamu Planning Group (TWPG)

In late 2023, a dedicated Te Waipounamu Planning Group (TWPG) also self-formed, and includes planning representatives from across the 6 regions and the NEMA Planning Team. This group sits separate but alongside the RPGs, and although AF8 planning has been the catalyst for this groups formation, it's scope is broader and includes all hazards.

The TWPG reports to the South Island Group Managers and as a priority over the next few months, the group will undertake a South Island-wide stock take of plans to identify gaps and scope common planning initiatives. This work will be carried out by TWPG membership (South Island CDEM planning representatives).

The AF8 Programme will support this work by facilitating meetings, hosting shared Teams/SharePoint document libraries for the group, and, where needed, providing a direct conduit between AF8-related science and emergency management practice.

Governance and Funding

Governance

Governance for the programme is provided by the AF8 Steering Group made up of representatives from the 6 South Island CDEM Groups, the AF8 Programme Manager, AF8 Science Lead, a representative from the National Emergency Management Agency (NEMA), the Director, Resilience to Nature’s Challenges (RNC) and Chair of the Southland Civil Defence Emergency Management Group.

In Year 8, the AF8 Steering Group has been chaired by the Group Manager of Emergency Management Southland, Simon Mapp and Group Manager of Marlborough Emergency Management, Brian Paton. On behalf of the programme we thank Simon for his leadership over the past few years. Emergency Management Southland continues to act as the administering authority for the AF8 Programme.

Funding

In Year 8, AF8 was funded by the 6 South Island Civil Defence Groups, with co-funding from QuakeCoRE, Toka Tū Ake EQC, Resilience to Nature’s Challenges and NEMA, including:

- QuakeCoRE co-funding to support the programme manager role, and science and risk communication activities, eg. workshops.
- RNC funding to support science research and communication, eg. scientific expertise, research assistants.
- Toka Tū Ake EQC co-funding to support public education activities
- NEMA co-funding to support planning activities and products, eg. coordinated intelligence for planning.



Of special note for this report are our partners at Resilience to Nature’s Challenges (RNC), a national science challenge which finished up at the end of June. RNC has funded the majority of the AF8-related science and research utilised by the programme. Ngā mihi nui to everyone who has supported and contributed to the AF8 Programme through RNC over the past 8 years.

Much harder to quantify, but perhaps of greatest value, is the time and expertise given by multiple stakeholders in support of AF8’s activities. This collaborative approach is critical to the programme and its objectives, and without this input it would not be progressing at the level it is.



AF8 Programme Engagement Insights

This section summarises the status of the AF8 Programme’s engagement insights for Year 8, covering from June 2023 to July 2024, across a range of initiatives and platforms. In general these reports focus on three key insights, shown here with the metrics used to measure them:

Insights reported	Metric used to measure them
How many people see it	website/webpage or StoryMap views. Reach or impressions on social media.
How many people engagement with it	unique visitors to website/webpages or StoryMaps
Level of this engagement	engaged session, engagement rate, average engagement time and StoryMap interactions.

AF8 Website

The [AF8 Website](#) is the central point for all of the AF8 Programme public-facing information and resources. It has existed since the programme’s inception in 2016 and has continued to grow it’s reach both nationally and internationally over the past eight years. Moving to a new platform in 2022 has helped boost these numbers. New Zealand-based viewers are our largest geographic audience, which aligns with the programme’s mission: *New Zealand is aware of the Alpine Fault hazard risk and is enabled to take action to build resilience.* International visibility has also increased this year with the USA, Australia and the UK making up 25% of all website viewers.

Overall views and engagement levels

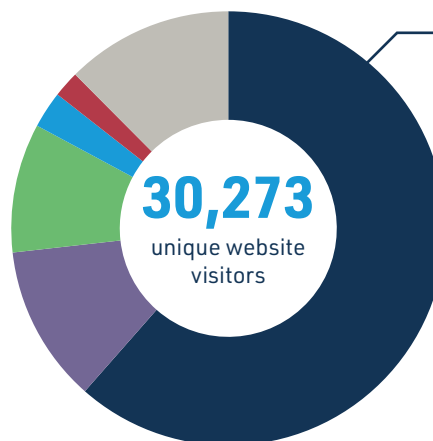
72,577
total webpage views

22,992
total engaged sessions*

53.81%
average engagement rate

Countries our viewers come from

- New Zealand (61%)
- United States (12%)
- Australia (10%)
- United Kingdom (3%)
- Canada (2%)
- Others (12%)



Engagement in New Zealand

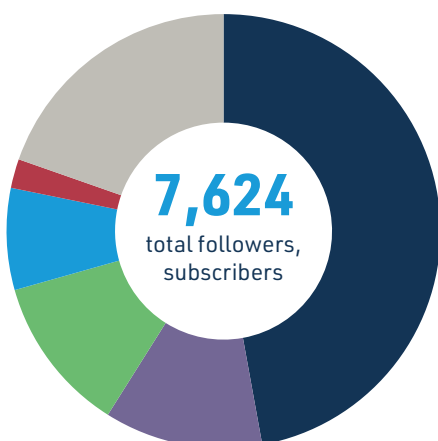
18,614
total NZ visitors

17,074
engaged sessions*

57.86%
engagement rate

AF8 Social media platforms

The AF8 Programme’s social media channels are used to share information and engage with audiences, to better understand their information needs and knowledge. Facebook, Instagram and LinkedIn are our primary channels and this year they reached over 500,000 people collectively. These numbers were boosted by the two co-produced social media campaigns, which naturally increased our online engagement (see pages 2-3)



Followers and subscribers

- Facebook (47%)
- LinkedIn (12%)
- Instagram (12%)
- X (8%)
- YouTube (2%)
- Mailchimp (20%)

484,377
total reach on facebook and instagram

20,406
total impressions on LinkedIn

9,768
total viewers on YouTube

53.3%
average open rate on MailChimp

6,118
total engagement on Facebook and Instagram

4.85%
total engagement rate on LinkedIn

516.1
total hours watch time on YouTube

16.5%
average click rate on MailChimp

AF8 Hazard Scenario StoryMap

The AF8 Hazard Scenario underpins the entire AF8 Programme and continues to provide the foundation for CDEM planning activities and science updates. The [AF8 Hazard Scenario StoryMap](#) tells the story of the AF8 Scenario including the fundamental geology, the potential impacts and how we can be better prepared. The StoryMap was launched in 2022, and was awarded second place at the NZ Esri User Conference 2023 StoryMap competition. It is designed to enable people to explore the AF8 Scenario at their own pace, in their own time, and is a key communication tool for the programme.

In Year 8, it has continued to reach new audiences, thanks in part to National Exercise Rū Whenua in June-July 2024, which increased its visibility, and we regularly receive positive feedback on the StoryMap. Below we've included engagement insights for both the StoryMap itself and the webpage that links to it from our website. This year the AF8 Scenario page of the AF8 website accounted for over 10% of all website views and over 16% of all website visitors. The StoryMap itself also received good levels of engagement, most notably in the clicks on the web and tour maps, which collectively received 43% of all interactions.

AF8 Scenario webpage

7,452
total webpage views
(10.27% of total website views)

5,097
unique visitors
(16.84% of total unique visitors)

AF8 Scenario StoryMap

6,006
total storymap views

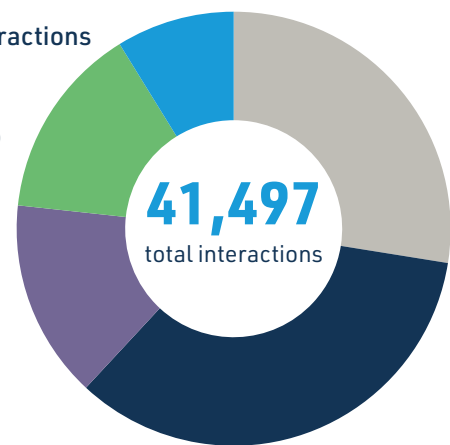
3,925
unique storymap views

4m 30s
average engagement time

50.15%
engagement rate

Top 5 StoryMap Interactions

- WebMap Clicks (34%)
- Starts a session (15%)
- Page Views (14%)
- TourMap Clicks (9%)
- Other events (28%)



AF8 NCEA Curriculum Resource

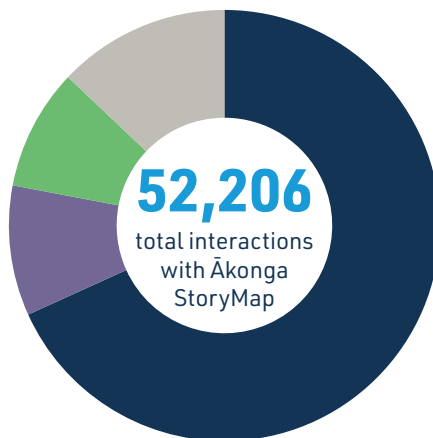
Launched in February 2024, the online engagement reporting on the AF8 NCEA Curriculum Resource ([see page 2](#)) only covers the last 6 months. Despite this, the resource webpage, which acts as a reference point with links to digital and printable materials, already accounts for 5% of all website views and over 6% of all website visitors. Total interactions, along with engagement time and rate, show that the Ākonga (student) StoryMap is being well used in the classroom. It has received 1,381 unique visitors over just two school terms, which is the equivalent of ~60 classrooms full.* These insights match the uptake we have seen from teachers across New Zealand. To date, 40+ schools have registered an interest in using the resource, and those that have used it already providing positive and appreciative feedback.

NCEA Webpage

3,569
total webpage views
(5% of total website views)

1,891
unique visitors
(6.25% of total unique visitors)

- WebMap Clicks (68%)
- Starts a session (10%)
- Page Views (9%)
- Others (13%)



Ākonga StoryMap

4,749
total views

1,381
unique visitors

42.79%
engagement rate

12m 28s
average engagement time

Kaiako StoryMap

457
total views

193
unique visitors

52.28%
engagement rate

2m 23s
average engagement time

*Based on the Ministry of Education's 1:23 teacher to student ratio for Year 11 classes (non-Māori immersion).

AF8-related presentations and talks

The table below shows minimum engagement totals for AF8 presentations (online and face-to-face), since the programme's inception and also for Year 8 (2023/24). These are recorded via a form which also helps keep track of who we are talking to, how people are engaging with AF8 and Alpine Fault information, and what kind of feedback or questions are generated from these engagements.

The Year 8 numbers show a decrease in presentations and talks compared to Year 7. This is because we ran an AF8 Roadshow in Year 7 (meaning more public talks) and we ran more social media campaigns in Year 8 (meaning this year our focus has been on digital engagement)

	Year 1 to date (Jul 2016 – Jun 2024)	Year 8 (Jul 2023 – Jun 2024)
Number of events	479	45
Total Audience numbers	26,758	1544
Average reception rating	4.7/5	4.8/5

It has now gone beyond the capacity of the programme to monitor and record all face-to-face engagements related to AF8. With the publication of the C&E Framework and CM Guide we will be reviewing how we monitor and evaluate face-to-face engagements in Year 9.

Images: ALOOP social media tile (top-left), Marlborough Priority Routes workshop (top-right), End screen from the *Kauraka e Mataku, kia Takatū, don't be scared be prepared!* campaign (below).



9.8 National Emergency Management Update

Review of Reviews

- NEMA has published [NEMA's Review of Reviews: 2023 North Island Severe Weather Events Report](#). The Review of Reviews identifies common themes based on a range of reports on the emergency management response to the January 2023 Auckland Flooding Event and/or Cyclone Gabrielle.
- NEMA undertook this work to identify common themes from the various reviews into these events and inform the Government response to the Government Inquiry into the Response to the North Island Severe Weather Events. This work also provided an opportunity to pilot the processes used to conduct any future review of reviews projects, and identify a common theme set that could be considered as a national theme set.
- The main findings are:
 - there were no surprises that emerged as the reports were analysed. The findings reflect those of the Report of the Government Inquiry into the Response to the North Island Severe Weather Events.
 - there were six main themes identified. These are: Communities; command, control and coordination; operations; resources; capability development; and corporate governance.
 - without a mechanism to share lessons and consistent application of themes the process for drawing out a common set of themes from such a varied set of reports was challenging.
 - NEMA will work with stakeholders to develop lessons management guidance, a set of national themes and develop a process to share and collate lessons from across agencies.

National Fuel Plan

- The recently updated (August 2024) National Fuel Plan has been published on the NEMA website [National Fuel Plan » National Emergency Management Agency \(civildefence.govt.nz\)](#)
- Some major updates include the introduction of Minimum Stockholding Obligations in the fuel industry (Improving Fuel Resilience) Amendment Act 2023 and, an aviation specific section has also been added.

Directors Guidelines for Emergency Management Sector Deployments

- The new Director's Guideline for Emergency Management Sector Deployments has been released and published on the NEMA website [EM Sector Deployments DGL](#)
- This guideline provides a consistent approach to the deployment of CDEM Sector Surge staff from local and regional councils, NEMA, and other agencies to CDEM coordination centres. It provides best practice guidance around deployments, taking into account the health, wellbeing, and fatigue management of deployed staff.

Space Weather

- The NEMA Space Weather Programme Team is currently working on the delivery of a National Space Weather Response Plan which will replace the [Interim Response Plan](#).
- The Plan is a national level hazard-specific planning product which coordinates the actions of response agencies and key stakeholders immediately after receiving an alert of a space weather

event, specifically if it is earth-directed and there is a realistic expectation there will be disruptions to critical infrastructure. It does this by:

- clarifying roles and responsibilities of key agencies and stakeholders,
 - presenting operational phases for immediate response,
 - providing a structure for information sharing, and
 - providing content for public information management.
- The team is also supporting the concurrent system wide activities, including the meetings of the National Hazards Board.

Starlink

- NEMA is currently finalising an agreement to offer high-speed satellite communication services powered by Starlink. This service will enable NEMA to operate as authorised users of Starlink services, with plans to extend access to various central and local government agencies across New Zealand.
- NEMA recognises the critical need for resilient and reliable communication during emergency situations. The new Starlink service will significantly enhance New Zealand's emergency communications capabilities.
- NEMA is taking a phased approach to ensure all legal and operational requirements are met, allowing for a smooth rollout of Starlink services to government partners.
 - **Phase 1:** NEMA are collaborating with FENZ, NZTA, and Canterbury CDEM to conduct thorough testing of the service platform before wider deployment (October / November 2024).
 - **Phase 2:** Upon successful completion of Phase 1, NEMA will extend the service to all CDEM groups, aiming for a rollout by the end of November 2024 and continue over the course of 12 months. As this progresses the time required for each group may reduce significantly.
 - **Phase 3:** By the end of 2024, and based on the success of earlier phases, NEMA plan to extend the service to select central government partners, offering early testing and onboarding opportunities to those involved. This is likely to proceed concurrently with the CDEM roll out however, dependant on the success of Phase 1 and the early stages of Phase 2.

NEMA Staffing Changes

- Wendy Wright, National Controller has been appointed to the role of Manager, National Operations as a secondment for 18 months. She will continue the role of National Controller.
- Magnus Latta has been appointed to the role Manager, Regional Partnerships and commenced work on 26 August. Replacing Kathrine Biggs who has been in an acting role for the last 12 months. Magnus joins NEMA from the Ministry of Business Innovation and Employment where he was the programme lead for the Mass Arrivals Response Plan Review.
- Dwain Hindriksen has been appointed as Manager, Planning & Sector Partnerships. Dwain joins us from Ministry for Primary Industries. In addition to his day job, he has been appointed the lead for the Space Weather Programme at NEMA.

Shake Out 2024 (Thursday 24 October)

- ShakeOut provides us with an opportunity to think about preparedness in our homes, workplaces, schools, and the places in our communities that are important to us.
- We encourage you to engage communities, schools, workplaces and whānau in your regions to get involved or host your own Shakeout Day event.
- For more information and to register, visit <https://getready.govt.nz/involved/shakeout>.