

# Agenda

## Canterbury Policy Forum

<b>Date</b>	Friday 12 April 2019
<b>Time</b>	12.00pm (lunch) for 12.30pm (meeting commences)
<b>Venue</b>	Council Chambers, Environment Canterbury, 200 Tuam Street
<b>Attendees</b>	Hamish Dobbie (Hurunui – Acting Chair), Brendan Anstiss (Christchurch), Carolyn Johns (Waimate), James Thompson (CDEM), Katherine Trought (Environment Canterbury), Mark Low (Timaru), Matt Hoggard (Kaikōura), Mike Searle (Waitaki), Simon Markham (Waimakariri), Toni Durham (Ashburton), Toni Morrison (Mackenzie), Jesse Burgess (Selwyn – for David Ward and Geoff Meadows)
<b>In Attendance</b>	Sam Elder (Programme Manager - Strategy and Planning, Environment Canterbury) for items 5 & 11 Darren Fidler (Principal Strategy Advisor – Regional Transport, Environment Canterbury) for item 5 Dann Olykan (Team Leader – CWMS, Environment Canterbury) for item 6  Secretariat: Simon Fraser, David Bromell
<b>Apologies</b>	Bill Bayfield (Environment Canterbury), David Ward (Selwyn), Geoff Meadows (Waimakariri), Ronnie Cooper (Te Rūnanga o Ngāi Tahu), Tracy Tierney (Timaru)

<b>Time</b>	<b>Item</b>	<b>Paper</b>	<b>Person</b>
12:30	1. Welcome, introductions and apologies		Chair
	2. Confirmation of Agenda		Chair
	3. Minutes from the previous meeting	✓	Chair
	a. Confirmation of meeting minutes – 19 October 2018		
	b. Action points		
12:35	4. Regional Forums update	✓	Secretariat
	a. Canterbury Mayoral Forum 2019 priorities		
	b. Regional Forums funding		
	<b>For discussion and decision</b>		
12:45	5. Regional Transport update -freight mode shift	✓	Sam Elder & Darren Fidler
1:15	6. Canterbury Water Management Strategy (CWMS) update	✓	Dann Olykan
1:45	7. Natural Hazards Regional Approach	✓	James Thompson
2:00	8. Regional submissions – re-visiting principals and process		David Bromell
	<b>For information</b>		
2:10	9. Regional training workshops	✓	David Bromell
2:20	10. Canterbury Planning Managers working group update	✓	Jesse Burgess
2:30	11. Climate Change working group	✓	Sam Elder
2:40	12. Compliance, Monitoring and Enforcement working group	✓	Tracy Tierney
	<b>General business</b>		
2:50	13. Other matters		
<b>3:00</b>	<b>Close</b>		

*Next meeting: Friday 5 July 2019*

# Canterbury Policy Forum

Confirmed

Minutes

<b>Date:</b>	Friday, 19 October 2018 commencing at 12.30 pm															
<b>Venue:</b>	Council Chamber, Selwyn District Council, Rolleston															
<b>Attendance:</b>	<p><u>Members:</u></p> <table border="0" style="width: 100%;"> <tr> <td>David Ward (Acting Chair)</td> <td>Bill Bayfield</td> <td>David Griffiths (for Brendan Anstiss)</td> <td>Toni Durham</td> </tr> <tr> <td>Mark Low</td> <td>Tracy Tierney</td> <td>Simon Markham,</td> <td>Geoff Meadows</td> </tr> <tr> <td>Toni Morrison</td> <td>Katherine Trought</td> <td>Carolyn Johns</td> <td>Hamish Dobbie</td> </tr> </table> <p><u>In Attendance:</u></p> <p>Item 5 – Cecilia Ellis, Environment Canterbury          Item 6 – Chris Keeling, Environment Canterbury          Item 7 – Keith Tallentire, Greater Christchurch          Item 10 – Toshi Hodliffe, Environment Canterbury          Item 12 – Caroline Hart, Environment Canterbury</p> <p><u>Secretariat:</u></p> <p>Simon Fraser, David Bromell, Vivo Ong (minutes)</p>				David Ward (Acting Chair)	Bill Bayfield	David Griffiths (for Brendan Anstiss)	Toni Durham	Mark Low	Tracy Tierney	Simon Markham,	Geoff Meadows	Toni Morrison	Katherine Trought	Carolyn Johns	Hamish Dobbie
David Ward (Acting Chair)	Bill Bayfield	David Griffiths (for Brendan Anstiss)	Toni Durham													
Mark Low	Tracy Tierney	Simon Markham,	Geoff Meadows													
Toni Morrison	Katherine Trought	Carolyn Johns	Hamish Dobbie													
<b>Apologies:</b>	Ronnie Cooper, Mike Searle, Brendan Anstiss, Bill Bayfield (for lateness)															

AGENDA ITEM	KEY POINTS DISCUSSED / RESOLVED	ACTION POINTS (Who will action, when?)
1.	As Acting Chair David Ward welcomed everyone to the meeting. <b>Apologies</b> Apologies were received from Bill Bayfield (for lateness), Ronnie Cooper, Mike Searle and Brendan Anstiss	
2.	<b>Confirmation of agenda</b> The agenda was confirmed with no matters arising.	
3.	<b>Minutes from 6 April 2018</b> were approved. There were no action points outstanding.	

AGENDA ITEM	KEY POINTS DISCUSSED / RESOLVED	ACTION POINTS (Who will action, when?)
4.	<p><b>Regional Forums update</b></p> <p>David Bromell and David Ward talked to the written update provided:</p> <ul style="list-style-type: none"> <li>• Three Waters is a major concern for Mayors. Mayors were disappointed that central government is yet to make firm announcements. A stocktake report was received to help Mayors arrive at consensus on a Canterbury position so they are prepared to respond when announcements are made</li> <li>• ChristchurchNZ provided an update on the 'Canterbury story' project as part of the CREDS work programme</li> <li>• Canterbury MPs joined Mayors for a presentation over lunch on progress in implementing the CREDS and Triennial Agreement. All MPs present, including Ministers Woods and Sage showed interest in the Mayoral Forum and requested to be updated on a regular basis</li> <li>• workshops facilitated by David Rendall on the CREDS value-added production project have been received with great engagement and participation</li> </ul> <p><i>Katherine Trought arrived at 12.42pm</i></p>	
5.	<p><b>Central Government update – Wellbeing budget</b></p> <p>Cecilia Ellis presented on the Government's Wellbeing approach and development of wellbeing indicators. This approach will underpin all Government's decisions. Treasury will also be releasing a Living Standards dashboard by the end of the year.</p> <p><i>Bill Bayfield arrived at 12.53pm</i></p> <p>During discussion the following points were raised:</p> <ul style="list-style-type: none"> <li>• wellbeing can be incorporated into decision making, reporting, economic development and environmental protection</li> <li>• long-term planning documents may be affected</li> <li>• pay attention to the Local Government Wellbeing Bill and State Sector Reform</li> <li>• SOLGM may provide a sense on how the sector might respond</li> </ul>	

AGENDA ITEM	KEY POINTS DISCUSSED / RESOLVED	ACTION POINTS (Who will action, when?)
6.	<p><b>Biodiversity in the Canterbury region – Update and next steps</b></p> <p>Chris Keeling updated the Forum on work to improve biodiversity across the region, including refreshing the Canterbury Biodiversity Strategy. Key points included:</p> <ul style="list-style-type: none"> <li>• roles and responsibilities need to be managed by co-ordinating and collaborating as a region</li> <li>• review and refresh the Biodiversity Strategy, talk to all the signatories, get an implementation plan and look at the single point of ownership around the strategy</li> <li>• worthwhile, as a group, looking at a communications plan</li> <li>• Environment Canterbury (ECan) will focus on wet (fresh water) biodiversity, whereas, the Territorial Authorities TAs will focus on dry biodiversity</li> <li>• TAs need to know where their biodiversity issues are,</li> <li>• as the whole region benefits from biodiversity, need to think about funding</li> <li>• a signal to develop this strategy is a step change for TAs in expenditure and focus.</li> <li>• the Department of Conservation (DOC) will be reviewing the NZ biodiversity strategy in 2019.</li> </ul> <p><b>Resolved</b></p> <p><b>That the Canterbury Policy Forum:</b></p> <ol style="list-style-type: none"> <li>1. note the content of this report</li> <li>2. agree to support the outlined package of work</li> <li>3. agree to this paper being presented at the CEs Forum on 5 November 2018.</li> </ol> <p style="text-align: right;">Toni Durham / David Ward CARRIED</p>	
7.	<p><b>Urban Development in Greater Christchurch</b></p> <p>Keith Tallentire gave a presentation on urban development strategy in Greater Christchurch that is going out for consultation. It is consistent with Government direction, aligns with proposed future transport, supports other strategies and plans. It commits councils to working with housing providers to increase the housing spectrum. Consultation is throughout November with hearings and deliberations in February 2019.</p>	

AGENDA ITEM	KEY POINTS DISCUSSED / RESOLVED	ACTION POINTS (Who will action, when?)
8.	<p><b>Regional training workshops</b></p> <p>David Bromell provided an update on the joint training workshops ‘Thinking together ... before we write’ that were supported by the policy Forum. Mid-Canterbury had just completed their workshop and received overwhelmingly positive feedback, with a second workshop is planned for South Canterbury councils. A further workshop would be organised for North Canterbury councils in the new year.</p>	
9.	<p><b>Canterbury Planning Managers working group update</b></p> <p>Geoff Meadows spoke to this report.</p> <p>He highlighted the regional submission to the Ministry for the Environment (MfE) on the draft National Planning Standards and how much impact the National Standards would have outside the normal review cycles.</p> <p>Planning Mangers are also concerned about future recruitment of planning staff. Lincoln University have advised that there will only be two graduates from their planning programme this year. There is an urgent need to recruit, but also to rethink about attracting the required skillsets outside of those with formal planning qualifications</p>	
10.	<p><b>Climate Change working group</b></p> <p>Toshi Hodliffe spoke to this report.</p> <p>Progress on the Zero Carbon Bill has been delayed to late 2019 or 2020.</p> <p>Councils were encouraged to ensure they all had members representing them on the Climate Change Working Group, especially as the Government was accelerating its work on climate change.</p> <p>The group is currently working on:</p> <ul style="list-style-type: none"> <li>• Canterbury climate change risk assessment project, aligning with the national framework.</li> <li>• LGNZ symposium on climate change in November.</li> <li>• ensuring councils imbed climate change when making decisions. All areas of work to go past councillors to show what the gaps bare.</li> <li>• sustainable business practice specialists, Madworld, to do a carbon footprint for Canterbury.</li> <li>• greenhouse emissions.</li> </ul>	

AGENDA ITEM	KEY POINTS DISCUSSED / RESOLVED	ACTION POINTS (Who will action, when?)
11.	<p><b>Compliance, Monitoring and Enforcement working group</b></p> <p>Tracy Tierney spoke to her report. She noted that the group have identified that elected members may not always be aware of the roles that they and their council have in compliance, monitoring and enforcement, and will develop a roadshow presentation alongside the Ministry for the Environment for all elected members of councils.</p> <p><b>Resolved</b></p> <p><b>That the Canterbury Policy Forum:</b></p> <ol style="list-style-type: none"> <li><b>Recommend that the Canterbury Mayoral Forum invite the CME working group to present the Canterbury strategic compliance framework as a precursor to a proposed Canterbury wide elected members roadshow</b></li> </ol> <p style="text-align: right;">Tracey Tierney / Toni Durham CARRIED</p>	
12.	<p><b>Canterbury Water Management Strategy (CWMS) update</b></p> <p>Caroline Hart gave an update on the Fit for Future project and provided an overview for the CWMS targeting and reporting right through to 2040.</p> <p>It was noted that Dr Hugh Logan had been appointed as Chair to the Regional Water Management Committee.</p>	Councils to ensure their staff are in contact with the CWMS team.
13.	<p><b>Other matters</b></p> <p>Simon Fraser went over the meeting schedule for 2019.</p> <p><b>It was resolved</b></p> <p><b>That the Canterbury Policy Forum:</b></p> <ol style="list-style-type: none"> <li><b>Re-nominate Bill Bayfield as Chair of the Policy Forum for 2019</b></li> </ol> <p style="text-align: right;">David Ward / David Griffiths CARRIED</p>	<b>Secretariat:</b> to send meeting calendar invites
	<p><b>The meeting closed at 2.52pm</b></p> <p>Next Meeting: Friday, 12 April 2018</p>	

**Date:** 12 April 2019

**Presented by:** Simon Fraser, Secretariat

## **Canterbury Regional Forums update**

### **Purpose**

1. This paper provides an update on the Canterbury Chief Executives Forum and Canterbury Mayoral Forum meetings since October 2018.

### **Recommendations**

**That the Canterbury Policy Forum:**

1. **note the updates from the Chief Executives and Mayoral Forum meetings since October 2018**
2. **discuss the proposed regional forums budget to support working groups**

### **Chief Executives Forum – November 2018**

2. Chief Executives met on 5 November 2018, hosted at Selwyn District Council. Key agenda items were:
  - Chairs for the regional forums for 2019 were confirmed, with current Chairs continuing in their roles. These are:
    - Chief Executives – Jim Palmer (Waimakariri)
    - Policy – Bill Bayfield (Environment Canterbury)
    - Corporate – David Ward (Selwyn)
    - Operations - Bede Carran (Timaru)
  - an update on the regional approach to natural hazards management. The Natural Hazards Working Group also requested to change reporting lines from the Operations to Policy Forum due to better alignment of their work programme, which was agreed to by Chief Executives.
  - a report on biodiversity in the Canterbury region, including work underway to improve biodiversity outcomes and greater collaboration across councils and other groups. A briefing was subsequently presented at the February 2019 Mayoral Forum meeting.
  - a report from the Public Records Act Executive Sponsors working group on public records maturity across Canterbury councils, showing that Canterbury councils are doing well but improvements can be made across the region.

- updates on CREDS implementation, Three Waters, and the Canterbury Water Management Strategy (CWMS) and 'Fit for the Future' project.

## **Mayoral Forum – December 2018**

3. The evening prior to Mayoral Forum meetings, Mayors and Chief Executives meet for a working dinner. On 6 December, Jim Palmer (Chief Executive, Waimakariri District Council) on behalf of Mayor David Ayers facilitated discussion on education and training for a skilled workforce, one of seven priorities in the Canterbury Regional Economic Development Strategy.
4. Invited guests were Nigel Davenport (Chief Executive, Aoraki Development), Heather Warwick (Chief Executive, Enterprise North Canterbury), John Henderson (Regional Commissioner, Ministry for Social Development), and Sean Wheeler (Education Manager, Ministry of Education).
5. Nigel Davenport outlined the work Aoraki Development has been doing in rolling out the Job Ready programme across schools in South Canterbury, along with some of the successes and lessons learnt. Discussions focused on how the Mayoral Forum might support a wider rollout of the programme across Canterbury.
6. The Mayoral Forum met on 7 December 2018. Key agenda items were:
  - Mayors held a round-table update on each of the CREDS workstreams and reviewed progress heading into the final year of this local government term.
  - Hugh Logan (Chair of the CWMS Regional Committee) provided an update on the CWMS Fit for the Future project. This was the first time Hugh had met the Mayoral Forum as a whole since coming into the Chair role earlier in 2018.
  - Mayor Craig Rowley presented the outcomes of stage one of the value-added production project. Mayors agreed to the proposed roadmap for stage two of the project.
  - Mayor Sam Broughton provided an update on the South Island Destination Management Strategy project, including the first meeting of the inter-regional project steering group in late November.
  - Mayors also received updates on central government's review of Three Waters, the Forum's three-year work programme, Provincial Growth Fund projects in Canterbury, and an update from the Chief Executives Forum.

## **Chief Executives Forum – January 2019**

7. Chief Executives met on 21 January 2019 and were hosted by Selwyn District Council at the new West Melton Community and Recreation Centre. Key agenda items were:
  - biodiversity strategy for Canterbury region – endorsing a draft paper for discussion by the Canterbury Mayoral Forum in February

- interim advice from the CWMS 'Fit for the Future' project. This included draft targets for 2025 and 2030, initial advice on an implementation programme for the new interim targets, and how strategic and implementation questions identified by the project could be addressed. Final advice on the 'Fit for the Future' project will be received by Chief Executives, prior to consideration by the Mayoral Forum, in May 2019.
- a proposal for a regional climate change governance-level 'think tank' to support the work of councils and stay abreast of central government developments in the climate change space.
- initial conversations on how the next iteration of the Canterbury Regional Economic Development Strategy (CREDS) might be developed, for further discussion with the Mayoral Forum throughout 2019
- options for collaborative resourcing of regional activities undertaken by Canterbury Regional Forums and working groups
- quarterly updates on the CWMS, implementation of the three-year work programme and CREDS projects, and Provincial Growth Fund applications from Canterbury.

## **Mayoral Forum – February 2019**

8. The Mayoral Forum working dinner on 31 January focused on the Forum's work plan leading up to local body elections on 12 October 2019. Forum members discussed and provided direction to the secretariat on preparation of a draft triennial agreement, 3-year work programme and regional development strategy for 2020–22.
9. The Mayoral Forum met on 1 February 2019. Key agenda items were:
  - Hugh Logan presented an interim report on the CWMS 'Fit for the Future' project. A final report will come to the Mayoral Forum in May 2019 with recommended goals for 2025 and 2030. The Forum noted that Plan Change 5 (Land and Water Regional Plan) became operative on 1 February.
  - The Forum issued a media statement endorsing recommendations in LGNZ's report (31 January 2019) on climate change impacts. To support the regional climate change working group formed in May 2017, the Mayoral Forum agreed to establish a climate change steering group of Mayors and Chief Executives.
  - The Forum noted heightened national attention to biological diversity (particularly indigenous biodiversity) and re-affirmed its commitment to the Canterbury Biodiversity Strategy and a renewed implementation plan.
  - ChristchurchNZ presented on: the Canterbury Film Office; its engagement with District Tourism Organisations; and its contract with the Mayoral Forum to develop:
    - a web-based South Island major events calendar
    - 'the Canterbury story' to attract businesses, investment, migration, students and visitors to the region.

- Tracy Tierney (Timaru), Paul Hope (Waimate) and staff from the Ministry for the Environment presented on the Canterbury Compliance, Monitoring and Enforcement Strategy and were thanked for their work.
- Graham Mitchell and Nick Manning from Crown Infrastructure Partners presented the next stage of the Rural Broadband Initiative, Mobile Black Spots and Ultrafast Broadband roll-out. By 2022, we expect that 99.9% of Cantabrians will have access to fast broadband.

## **Regional Forum budgets**

10. In this local government term, regional forums have matured and expanded with the establishment of the Operations and Corporate Forums and a number of additional regional working groups reporting to the Policy, Corporate and Operations Forums or directly to the Chief Executives Forum.
11. The Chief Executives Forum are currently considering whether further financial resourcing is required to support working groups to carry out their work programmes. An initial discussion was had at the 21 January Chief Executives Forum, where it was agreed that a potential budget should be explored further.
12. Initially, we are asking working groups to consider the following questions to help inform the development of a potential regional forums budget:
  - Do you have an agreed work programme that has been considered by the Policy Forum and/or Chief Executives Forum?
  - Are there any items on your work programme that may require additional resources or funding?
  - If so, how much funding would be required and what would this go towards?
  - Would the above work programme items still be able to be progressed without additional funding from the forums?
13. Following initial discussions at today's meeting, a formal request for information will be sent to working group Chairs.

## **Upcoming meeting dates**

14. The next Chief Executives Forum will be held on 6 May 2019.
15. The next Mayoral Forum meeting will be held on 23-24 May 2019.

**Date:** 12 April 2019

**Presented by:** Darren Fidler, Principal Strategy Advisor, Environment Canterbury

## **Regional Transport: Freight mode shift**

### **Purpose**

1. To inform the Policy Forum of research overseen by Environment Canterbury on the opportunity for optimising freight transport modes in the South Island. This research has been undertaken to implement the Transport Workstream of the Canterbury Regional Economic Development Strategy (CREDS).

### **Recommendations**

**That the Canterbury Policy Forum:**

1. **note this research was undertaken as part of the Transport Workstream of the Canterbury Regional Economic Development Strategy.**
2. **note that the South Island Regional Transport Committee Chairs Group agreed to fund this research and it has been carried out across the South Island.**
3. **note that the appended draft report is due to be finalised in April 2019.**
4. **note it is expected that the Ministry of Transport will now take this work forward, in light of the commitment to mode neutrality in the Government Policy Statement on Land Transport, and the Ministry of Transport's current and planned reviews of rail and coastal shipping.**

### **Background**

2. A key priority in CREDS is to work with the Ministry of Transport and the NZ Transport Agency (NZTA) to develop resilient, multi-modal transport solutions for Canterbury and the South Island, including secondary roads, rail and coastal shipping.
3. Environment Canterbury undertook initial work in early 2018 to calculate the scope of the opportunity for freight mode shift from road to rail or coastal shipping in the South Island.
4. In March 2018, the South Island Regional Transport Committee Chairs Group (the Chairs) agreed to formally progress research on freight mode optimisation in collaboration, with this work being led by Environment Canterbury on the Chairs' behalf. The Chairs commissioned Stantec to develop a full research report.

5. A project steering group was formed to oversee work, with representatives from Environment Canterbury, Environment Southland, West Coast Regional Council, Ministry of Transport, the NZ Transport Agency and an independent logistics advisor.

## Findings

6. To date there has been significant central government investment in roading to support freight, with comparatively little investment in rail or coastal shipping. This investment profile is partially responsible for approximately three quarters of the freight tonne-KM within the South Island being transported by road (as opposed to rail or coastal shipping). The 2014 Ministry of Transport National Freight Demand Study forecast a significant 35% growth in freight tonne-KM in both Canterbury and the South Island over the next 25 years which the Stantec research confirmed.
7. This places significant stress on the road network, including maintenance and renewals costs, as well as imposing significant external costs. These external costs primarily comprise emissions (including Greenhouse Gases<sup>1</sup>, break residue, noise etc), crash costs, and congestion.
8. The Stantec research has calculated these external costs as shown in Figure 1:

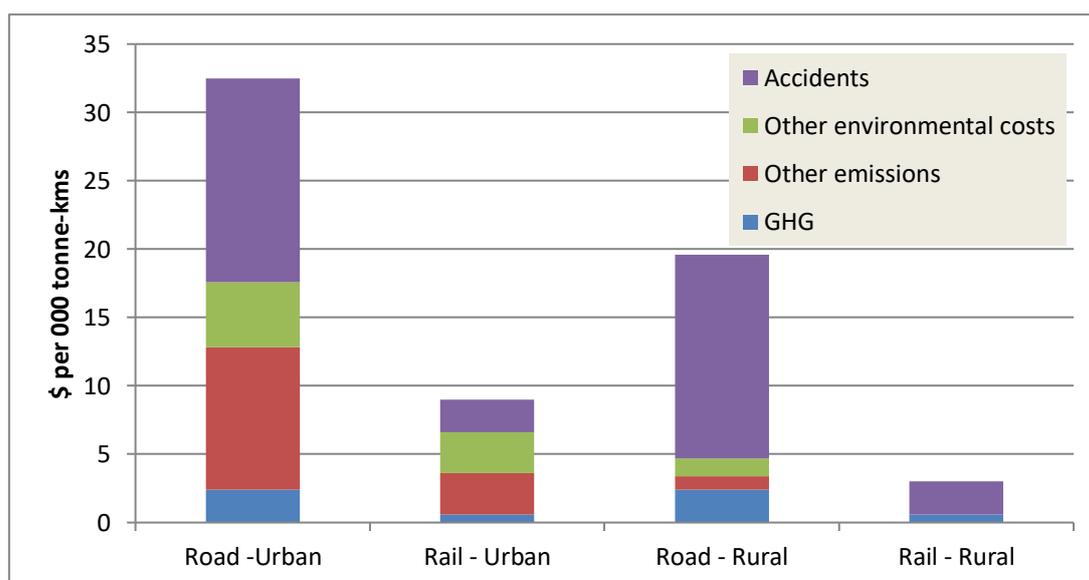


Figure 1 Comparative externality costs excluding congestion for road and rail (\$ per 1000 tonne-kms)

9. Twenty-five stakeholders were engaged, including producers, transporters, ports and asset owners, to understand the issues, constraints and opportunities for freight mode shift from a diverse range of perspectives. A list of these stakeholders is appended.
10. Through this engagement, seven specific case studies (plus an assessment of the impact of technology) were identified where there appeared to be significant opportunity to shift freight off the road. These case studies focused primarily on freight mode shift from road to rail and are essentially a proof of concept.

<sup>1</sup> Cost assessment based on a carbon price of \$56/tonne

11. The case studies would deliver benefit to Canterbury in terms of a reduction in road freight and associated road maintenance and other costs; however, the investment required is primarily in other regions.
12. Research into the case studies identified barriers and constraints including rolling stock capacity and rail reliability, as well as the need to work with commercial providers to provide appropriate incentives to change behaviour.
13. The research specifically found that approximately 8% of current and future road freight within the South Island could likely be shifted to rail based on an analysis of the types of freight and length of journeys (predominantly bulk commodities, such as logs, over longer distances). This would result in a reduction of approximately 25 road fatalities over the next 40 years (a standard economic appraisal period), a reduction of approximately 18,000 tonnes of carbon production per year (~0.1% of national transport related CO2 emissions), and a reduction of approximately \$35 million in road maintenance costs per year (8% of the annual maintenance budget for the South Island for both State Highways and local roads).

## **Role of central government in taking work forward**

14. One of the CREDS priorities for 2017-19 is: *With the South Island RTC Chairs Group, advocate for a stronger central government focus on multimodal transport strategy in the 2018 and 2021 Government Policy Statements on Land Transport.*
15. When the CREDS was developed in 2015, and this work initiated, Government policy was strongly focused on investment in road transport. There was an absence of substantive central government or private sector research into optimising freight mode share and understanding the external costs of freight transport by different modes.
16. Since the commencement of this work, the Government Policy Statement (GPS) on Land Transport 2018-2021 has been released by the Ministry of Transport which has mode neutrality as one of its key themes. As such a key transport priority for the CREDS has been largely achieved.
17. The Ministry of Transport is now undertaking a Future of Rail Programme with support from the Treasury, the NZ Transport Agency and KiwiRail. We understand this includes both passenger rail and rail freight, though no further information is currently available. We understand that the calculation of the external costs of freight transport undertaken by Stantec has been used by the Ministry of Transport in the Future of Rail Programme. The Ministry of Transport is also seeking to better understand the challenges, barriers and opportunities facing New Zealand's coastal shipping sector.
18. The GPS 2021 is anticipated to reflect the findings of these two reviews and to consider policy changes required to enable integrated mode-neutral transport planning and investment decisions, including road, rail and coastal shipping. Early engagement on GPS 2021 started in March 2019 and supporting this will be a focus for Canterbury regional transport officers.

19. Ultimately, central government needs to lead work on freight mode shift in partnership with key private sector organisations such as KiwiRail. Canterbury will continue to advocate for a more optimal mode share, but we consider it prudent to await the outcome of central government work on rail and coastal shipping, as well as more information about how central government will implement the mode neutrality principle through the next GPS on Land Transport, which is likely to include a mechanism for funding rail (the current GPS only includes transitional arrangements), and potentially, coastal shipping as well.
20. In the meantime, one case study involving a logging hub in Otago is being progressed by KiwiRail, and others may potentially follow suit.

## Appendix

In addition to central government agencies and territorial authorities, the following private sector organisations have been consulted on this work to date:

Producers	Fonterra
	Westland Milk
	Synlait Milk Ltd
	PF Olsen
	Bathurst
	Progressive
	Foodstuffs
	The Warehouse
Transporters	Mainfreight
	Toll
	Hilton Haulage
	Richardsons
	HW Richardson Group Ltd
	KiwiRail
	CODA
	Pacifica Shipping
	PBT
Ports	Port of Lyttelton
	Timaru
	PrimePort
	Port Chalmers
	SouthPort
	Nelson Port
	Picton
	CIAL
	Port of Tauranga

**Date:** 12 April 2019

**Presented by:** Dann Olykan, Environment Canterbury

## Canterbury Water Management Strategy update

### Purpose

1. This paper provides the Canterbury Policy Forum with an update on region-wide progress during November 2018 – January 2019 towards implementing the Canterbury Water Management Strategy (CWMS). This report was received and discussed by the Canterbury Mayoral Forum at their 1 February meeting.

### Recommendations

**That the Canterbury Policy Forum:**

1. receive the report.

### Regional and Zone Committee updates

2. Zone managers, facilitators and staff in territorial authorities have summarised the current focus for the CWMS Zone and Regional Committees. The table is included in Appendix 1.

### Environment Canterbury updates

3. At its meeting on 13 December 2018, Environment Canterbury resolved to make **Plan Change 5** to the Canterbury Land and Water Regional Plan operative on 1 February 2019. This was publicly notified on Wednesday 23 January 2019. This represents a significant step change to water management across the region.
4. The **Waimakariri Water Zone Committee's** recommendations for improved freshwater management have been received by Environment Canterbury and Waimakariri District Council at their respective council meetings in December. The Committee's Zone Implementation Programme Addendum (ZIPA) will provide the basis for a plan change to the Canterbury Land and Water Regional Plan. The plan change will be publicly notified by Environment Canterbury in mid-2019. The Zone Committee did exceptionally well to land these recommendations which are far reaching, but it needs to be noted that they do not go far enough or fast enough for Ngāi Tūāhuriri.
5. The **Orari Temuka Opihi Pareora (OTOP) Water Zone Committee** finalised its recommendations for improving the health of waterways in a large part of South Canterbury. The Committee's Zone Implementation Programme Addendum (ZIPA) was recently received by Timaru and Mackenzie District Councils and Environment

Canterbury at their respective council meetings to inform their plans and on the ground actions. It will be considered by Waimate District Council in early 2019. A plan change to the Canterbury Land and Water Regional Plan is expected to be notified in mid-2019. As with Waimakariri, the recommendations represent a major achievement for the Zone Committee.

6. The Land and Water Regional Plan (LWRP) provides direction on how land and water resources are to be managed in Canterbury. Management of farming activities are supported through “Good Management Practices” and associated tools (e.g. Farm Environment Plans (FEP) and audits, the Farm Portal, and consents to farm).
  - The LWRP requires approximately 3,800 farms to undertake a Farm Environment Plan (FEP) Audit as a condition of land use consent to farm. Consents for 1,500 of these farms are managed by irrigation schemes, while the remaining 2,300 require individual land use consent to farm. Currently 2,800 farms have completed a FEP and 569 consents for farming activities have been granted.
  - The Farm Portal has been developed for all farmers to help determine if a consent to farm is required. Approximately 5,000 farms require registration on the farm portal as a permitted activity. At present there are approximately 500 registered users.
7. There are 922 consents with fish screen conditions. The fish screen improvement campaign, one of our key targeted enforcement areas for 2018–19, has initially focused on 50 consents with a fish screen condition, selected with input from rūnanga, the Department of Conservation and Fish & Game. These consents are located mainly at large intakes, or environmentally significant or sensitive sites. Environment Canterbury will focus on working with consent holders to upgrade their screens to current best practice as well as engaging with industry. Industry has initiated a **Fish Screen Working Group** operating under the auspices of the CWMS Regional Committee. This group is focussing on information gaps to inform improved intake configuration and practices.
8. A number of projects to improve water quality, increase river flows and groundwater levels are being trialled in the region. **Targeted Stream Augmentation** (TSA) and the Selwyn **Near River Recharge** (NRR) projects are supported by the Selwyn-Waihora Zone Committee. TSA aims to re-establish native aquatic species strongholds in the catchment, particularly for the Canterbury Mudfish (Kōwaro). NRR aims to support the Waikirikiri/Selwyn River system by adding water during dry years to avoid the loss of ecosystem health.
9. The Ashburton-Hinds / Hekeao **Managed Aquifer Recharge (MAR)** project demonstrates the potential for MAR to reduce (dilute) nutrient (nitrate) concentrations in groundwater and improve groundwater storage levels, leading to improved flows in the lowland waterways to protect environmental and cultural values. The Hekeao/Hinds River (a NRR) project was commissioned in September. Nine new small-scale infiltration sites are operational with on-going testing at further new sites.

## In the news

### Since November 2018

10. Environment Canterbury confirmed in early November that **Amuri Irrigation Company's** (AIC) Farm Environment Plan (FEP) template met the requirements of the Land and Water Regional Plan.
11. **Hurunui Water Project** (HWP) shareholders voted unanimously to accept the offer from AIC. AIC is proposing a smaller piped irrigation scheme between the Hurunui River and Hawarden/Waikari and with the takeover, hold the resource consents held by HWP.
12. A new river catchment group for **Otipua–Saltwater Creek** was formed in November. A group of more than 50 people showed their interest and heard from the Cashmere Catchment Group on their experiences of being part of an urban/rural catchment group.
13. Water-related topics in the media included:
  - independent hearing commissioner, Richard Fowler QC, granting Cloud Ocean Water's consent to take water from a deeper bore
  - Environment Canterbury's water quality testing at around 100 popular swimming sites across the region with results posted weekly on the Land, Air, Water Aotearoa (LAWA) website
  - declining trend in dairy conversion across Canterbury in light of strict water quality limits
  - Polarcold Stores admitting in the Christchurch District Court a single charge in breach of the Resource Management Act discharging ammonia into Kaputone Stream
  - a poll by Fish and Game shows 82% of New Zealanders consider the pollution of lakes and rivers a top concern
  - protesters turning the water supply off to the Environment Canterbury's Tuam Street building.

## Meetings and events

14. A summary of issues arising at recent meetings and events:

Date/Location	Event	Relevance to CWMS/Event summary
29 October - 2 November 2018 Canberra	What's in Our Water 2018 Symposium	The latest research on all aspects regarding emerging contaminants and their many degradation products.
4-7 December 2018 Christchurch	New Zealand Hydrological Society and Meteorological Society	Annual joint conference with the theme of "The Hydrological Cycle in Changing Times"
10-14 December 2018 Nelson	New Zealand Freshwater Sciences Society Conference	The Society celebrated its 50 <sup>th</sup> annual conference. The theme of the conference was "Ka mua, ka muri: Looking back, moving forward".

Date/Location	Event	Relevance to CWMS/Event summary
11-12 February 2019 Wellington	National Freshwater Conference	2019's conference focused on "collaborating to create sustainable and efficient freshwater management strategies for the benefit of all New Zealanders"

## National initiatives

15. The Government has identified priorities for water management (maintain/improve water quality, providing better protection of wetlands and addressing estuaries and sediment). These include:
- amendments to the National Policy Statement Freshwater Management (NPSFM) based on the Sheppard principles; all aspects of ecosystem health will be managed
  - new National Environmental Standards on Freshwater Management (NESFM) providing clear direction on resource use and identifying where rapid action is required (e.g. at-risk catchments)
  - RMA amendments to better enable consent reviews, implement limits quickly and strengthen enforcement tools
  - further work on allocation of freshwater resources (discharges and water takes).
16. We anticipate both the NPSFM and NESFM will be released for consultation in July/August this year.
17. Regional councils have also prepared a report on their capability and capacity to address erosion/sediment issues. This report will inform future discussions with MfE officials and support the sector's involvement with the Government's One Billion Trees initiative. MPI has highlighted approximately \$220 million over 3 years, of which two-thirds will be for native trees. The Government is also considering the skills and labour aspect of this work.
18. Swimmability targets for Canterbury rivers and lakes were finalised and made publically available on the Environment Canterbury website on 21 December 2018: <https://ecan.govt.nz/get-involved/news-and-events/2018/environment-canterbury-sets-swimmable-lakes-and-rivers-targets/>.
19. In addition, councils have argued to the Minister that further work is required in a number of areas:
- seasonality should be considered when determining the long-term grading of contact recreation
  - there is a disconnect between the NPSFM swimmability targets and the need to manage public health warnings
  - freshwater microbiological guidelines used to manage contact recreation are in urgent need of review.
20. We are waiting a response to the above concerns raised.

21. A review of the current science funding model has been commissioned to address ongoing concerns with the current approach.

## Appendix 1: Zone Committee Focus: Overview

CWMS Committee	Focus of the Zone Committee Work Programme	Highlights of practical work underway
<p><b>Kaikōura</b></p>	<p><b>Earthquake Recovery:</b> Kaikōura earthquake</p> <p><b>Immediate Steps:</b> funding and projects are being reviewed</p> <p><b>Collaborative Inter-agency Programmes</b></p>	<ul style="list-style-type: none"> <li>Managing, monitoring and reporting of earthquake-related consents and emergency actions under the Order of Council (Hurunui/Kaikōura Earthquakes Recovery Act 2016).</li> <li>Highway consent monitoring continues fortnightly with monthly audits being completed. Significant river gravel extraction is slowing down - remediation of river beds “naturalness” is starting.</li> <li>Three significant wetland protection and enhancement projects under the Kaikōura Flats (Lyell/ Waikōau Creek) Catchment Programme are due for completion by June 2019.</li> <li>Continuing to develop and implement the Kaikōura Plans Recovery Project – joint project with ECan, MPI, Fonterra, and DairyNZ covering ‘in paddock’ treatment of drainage water, land assessment and riparian restoration, and integration of mahinga kai values.</li> </ul>
<p><b>Hurunui Waiau</b></p>	<p><b>Minimum Flows:</b> Implementing the minimum flow rates in Hurunui and Waiau Rivers.</p> <p><b>Implementation:</b> A significant environmental enhancement package from Amuri Irrigation Scheme.</p> <p><b>Good Management Practice:</b> Work underway to develop a targeted plan change to permit dryland farming.</p>	<ul style="list-style-type: none"> <li>Continues to ensure irrigation companies complete Farm Environment Plan audits.</li> <li>The Farming Post Quake Project, led by Beef and Lamb NZ, supported by Environment Canterbury continues to support the recovery of farm land and businesses following the 2016 earthquakes.</li> <li>Hurunui District LandCare Group is developing information on Good Management Practice.</li> <li>Continuing the Hurunui Waiau Braided River Immediate Steps flagship project to protect and enhance braided river bird communities on the Hurunui and Waiau Rivers.</li> <li>“Hurunui Splash” project to develop four community swimming holes has begun with work commencing on the first two sites (Balmoral and Waiau townships).</li> <li>The water quality monitoring site has been installed in the Waiau Hapua. The site will eventually be fully telemetered and with a camera to observe river mouth openings.</li> <li>Consultation has been carried out and a recommendation by the Zone Committee has been made for a plan change to fix the 10% rule to enable dryland farming to continue.</li> </ul>
<p><b>Waimakariri</b></p>	<p><b>RMA Planning:</b> ZIP Addendum presented to Councils in December 2018.</p> <p><b>Implementation:</b> A range of priority projects</p>	<ul style="list-style-type: none"> <li>Work has started on the “Clean and Green” Silverstream project. This work includes making improvements to water quality, riparian planting and developing recreational loop track.</li> <li>‘First 500’ Springhead Protection Project continues – a proactive approach to the protection of major springheads and the first 500 metres of waterways beyond the springheads in the catchment.</li> <li>Priority ‘on the ground actions’ have been identified ranging from enhancing native plantings, protecting sites of ecological significance and showcasing GMP compliance.</li> </ul>

<p><b>Christchurch-West Melton</b></p>	<p><b>Stormwater:</b> Storm-water and associated behaviour change issues.</p> <p>Contributing to <b>Waimakariri Zone Committee's</b> work on nutrient loads.</p>	<ul style="list-style-type: none"> <li>• Attended and hosted community events to raise awareness about storm-water quality and the behaviour changes needed.</li> <li>• A Stormwater Superhero workshop was attended by community groups, the Dept of Conservation, University staff and Committee. It was a forum to discuss the mobile resource trailer available to community groups to educate others on stormwater best practice. The workshop also discussed the Community Water Partnership which aims to bring all the groups together to give them more of a voice on water issues.</li> <li>• Funded the youth-led "Walk the Avon" to increase awareness of local taonga and development of the "Tuna and Drains" game used during the Stormwater Super Heroes.</li> <li>• Continues to work on dryland projects by the Waimakariri River and provided feedback on the draft Waimakariri Zone Implementation Programme Addendum.</li> </ul>
<p><b>Banks Peninsula</b></p>	<p><b>Forestry Impacts:</b> Considering options and actions related to increasing concerns about the significant risk that forestry poses to waterways.</p> <p><b>Whaka-Ora Healthy Harbour:</b> To restore the cultural and ecological health of Whakaraupō/ Lyttelton Harbour.</p> <p><b>Sediment Control</b></p> <p><b>Wairewa Bank Stabilisation</b></p>	<ul style="list-style-type: none"> <li>• Working on the implementation of the new National Environmental Standards (NES) for Plantation Forestry which came into effect on 1 May 2018, including holding meetings with industry to provide updates on requirements under the NES.</li> <li>• Implementation of the Whaka-Ora Healthy Harbour Plan begins.</li> <li>• Roadside Cutting Project to manage sediment is being undertaken with Christchurch City Council. A report identifying trial locations and methodologies was due mid-December.</li> <li>• Wairewa Bank Stabilisation Project – Joint project between Wairewa Rūnanga and the Banks Peninsula Zone Committee to stabilise the banks of streams in the Wairewa catchment continues to progress through the planning stages with the aim of completing some work this planting season.</li> </ul>
<p><b>Selwyn-Waihora</b></p>	<p><b>Farming at GMP:</b> Visiting farms to advise on GMP and mahinga kai outcomes.</p> <p><b>Swimmable Selwyn at Coes Ford:</b> Managing tributary impacts.</p> <p><b>Biodiversity Projects:</b> coordination and partnership on projects.</p> <p><b>Building stronger relationships</b> with Te Waihora Co-Governors,</p>	<ul style="list-style-type: none"> <li>• Farming at Good Management Practice (GMP) campaign targeting &gt;50 ha irrigated farms continues.</li> <li>• Over 33% of the total consents granted in the GMP campaign to date are in Selwyn Waihora zone.</li> <li>• Ongoing focus on farming at GMP within the Lake Area of the Cultural Landscape Values Management Area (CLVMA) and within the River Zone and the Lower Phosphorus and Sediment Risk Area.</li> <li>• Farm visits following Land Management Advisor workshop for farmers to learn more about mahinga kai and requirements for land use consents and wetland stock exclusion have been completed for all farms and larger lifestyle blocks.</li> <li>• Swimmable Selwyn at Coes Ford: Approximately 95% of the properties within Snake Creek, McGraths Creek and Silverstream catchments have been visited by Land Management Advisors to assist landowners with GMP and to map potential areas of e-coli source.</li> </ul>

	<p>rūnanga and young people.</p>	<ul style="list-style-type: none"> <li>• Biodiversity projects funded through Immediate Steps are on track including mudfish protection in Haldon Pastures (consented for work to commence in January), collaboration with Fish and Game around Snake Creek restoration project, Silverstream projects associated with mahinga kai protection and enhancement, Black Hills wetland extension project and mudfish protection sites in CPW catchment.</li> <li>• Compliance, monitoring, and enforcement programme in place for 'Regionally Significant' Consents, water use consents and zone priorities.</li> <li>• Working group through the Zone Committee is exploring and identify future projects for the Selwyn-Waikirikiriri River. Mid to long term solutions to reduce <i>E. coli</i>, sediment and improve mahinga kai, biodiversity and recreational opportunities with key partners are being identified.</li> <li>• Selwyn Waihora Youth Zone Committee project - Ongoing project to improve awareness among Enviro-schools students and Zone Committee members of the benefits of engaging young people.</li> </ul>
<p><b>Ashburton</b></p>	<p><b>Environmental Infrastructure:</b> Maintaining oversight for two projects as part of Solutions Package for the Hinds catchment.</p> <p><b>Drainage and Food Protection:</b> Focus on Hinds Drains and Carters Creek.</p> <p><b>Farming at GMP:</b> visiting farms to advise on GMP.</p> <p><b>Consent review process</b> for consents linked to the Ashburton/Hakatere River.</p>	<ul style="list-style-type: none"> <li>• Managed Aquifer Recharge (MAR) Governance group is currently developing a business case for a catchment-scale groundwater replenishment scheme for the Hinds Catchment.</li> <li>• Hinds River Recharge site was officially opened in late September with 600 native plantings and the first release of water.</li> <li>• New monitoring focus around community drinking water protection zones initiated in zone.</li> <li>• Environment Canterbury began water quality monitoring of Carters Creek.</li> <li>• Environment Canterbury is following up with farmers in Hinds catchment who require a land use consent. campaign is proposed to be completed by early 2019.</li> <li>• The Hinds Drains Community Monitoring Project has released an update on nitrate concentrations in the catchment's waterways.</li> <li>• At its November meeting the Zone Committee discussed whether to recommend a consent review process for consents linked to the Ashburton/Hakatere River, with the aim of bringing minimum flow requirements in line with the Ashburton/Hakatere River Flow Plan. Further work was sought before any recommendation could be made. The Zone Committee will hold its next workshop on 26 February.</li> <li>• Continuing to support a range of projects to improve water quality in key waterways including Carter Creek, extension of Ashburton River/Hakatere springs survey to be reported on in 2019.</li> <li>• Consultation is underway on the Ashburton/Hakatere River mouth management strategy. A draft strategy is expected April 2019 with a final version by June 2019.</li> </ul>

<p><b>Orari-Temuka-Opihi-Pareora</b></p>	<p><b>RMA Planning:</b> ZIP addendum will be presented to Environment Canterbury and Timaru, Waimate and Mackenzie District Councils by the end 2018.</p> <p><b>Washdyke Lagoon:</b> enhancement and protection project.</p>	<ul style="list-style-type: none"> <li>• The timeframe for completion of the flow and allocation regime for the Opihi River was extended until December 2018. The final Zone Committee workshop was held in late November and the ZIPA presented to Councils in December.</li> <li>• Waitarakao/Washdyke lagoon and enhancement projection programme in partnership with rūnanga, Timaru District Council and the Department of Conservation. This includes a targeted programme for stormwater management at industrial sites in Washdyke alongside nutrient and water management by farmers in all tributary catchments. A project plan has been developed, and the stormwater management programme is being implemented.</li> </ul>
<p><b>Upper Waitaki</b></p>	<p><b>Impacts of tourism on freshwater:</b> The summer “<b>Love your lakes</b>” campaign will run again this year.</p> <p><b>Biodiversity projects:</b> focus on Galaxids.</p> <p><b>Farming at GMP:</b> visiting farms to advise on GMP.</p> <p><b>Sediment Control</b></p> <p><b>Willowburn Restoration</b></p>	<ul style="list-style-type: none"> <li>• Immediate Steps funding and work by the zone delivery team has seen relationships improve within the area.</li> <li>• Monitoring information continues to be gathered for Bignose galaxid at Greys Hill. The Immediate Steps project at Clifton Downs to protect the habitat of the Bignose galaxid is being reviewed.</li> <li>• Continue to support the development of Farm Environment Plans and visits to farms.</li> <li>• The SHIFT project is examining issues associated with sediment loss and hill farming. Development of the tool to help farmers assess potential environmental impact and the financial return of hill country development is underway and will be available to farmers free of charge.</li> <li>• Continued focus on compliance, monitoring and enforcement on significant consents and catchment areas.</li> </ul>
<p><b>Lower Waitaki</b></p>	<p><b>Wainono Lagoon:</b> improving water quality and reducing sediment inflows to help restore the culturally significant resource.</p> <p><b>Farming at GMP:</b> visiting farms to advise on GMP.</p> <p><b>Projects:</b> protection of <b>Grey Scrub</b> which is threatened by land use intensification and pests.</p>	<ul style="list-style-type: none"> <li>• Wainono lagoon projects continue; With Hunter Downs Irrigation Scheme no longer going ahead the Committee is now considering alternative augmentation options. Environment Canterbury has been requested to look at options in more detail. Consultation will occur when the project is further along.</li> <li>• Support the development of Farm Environment Plans and visits to farms.</li> <li>• Working on grey scrub with district and regional councils and signage for the Black Hole project.</li> <li>• A refined work programme to enable better, measurable delivery of zone priorities has been developed.</li> </ul>

<p><b>Regional</b></p>	<p><b>Monitoring progress:</b> Tracking the implementation of the CWMS across the Canterbury region.</p> <p><b>Recreation and Amenity:</b> Research project to develop accessible data on recreational use.</p> <p><b>CWMS 2025&amp; 2030 Targets:</b> Fit for Future Project</p>	<p>Regional Committee is currently monitoring progress on:</p> <ul style="list-style-type: none"> <li>• the introduction of Good Management Practice and the auditing of Farm Environment Plans</li> <li>• work of TAs across the region to address urban issues including stormwater and improvements to the security of community drinking water supplies</li> <li>• annual gathering and reporting of water use data and compliance.</li> </ul> <p>The Regional Committee is:</p> <ul style="list-style-type: none"> <li>• developing a work programme that will provide GIS based data of recreational use and values of rivers and lakes in the region</li> <li>• leading workshops and meetings with key stakeholders and sector groups to develop interim CWMS targets for 2025 and 2030 (Fit for Future Project).</li> </ul>
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**Date:** 12 April 2019

**Presented by:** Dann Olykan, Environment Canterbury

## **CWMS Fit for the Future project – interim report**

### **Purpose**

1. This paper provides an update on work to develop 2025 and 2030 goals for the Canterbury Water Management Strategy (CWMS) and signals the likely nature of advice to the Canterbury Mayoral Forum when the Regional Water Management Committee (Regional Committee) presents its final report in May 2019. It was received and discussed by the Canterbury Mayoral Forum at their 1 February meeting.

### **Recommendations**

**That the Canterbury Policy Forum:**

1. **note the direction of draft CWMS goals for 2025 and 2030, supporting work programme (Attachments 1 and 2) and associated implementation issues**

### **Key points**

2. Draft CWMS goals for 2025 and 2030 have been substantially revised since the last update. The goals are now largely complete and will be further refined before final advice is provided in May 2019. A draft regional work programme for achieving the goals has also been prepared, and will continue to evolve over coming weeks, with particular attention to the timing of proposed actions.
3. The Regional Committee has developed ambitious goals, conscious of the responsibilities to future generations and the legacy they will inherit. The Regional Committee's final report will include advice on what is required to support implementation of the CWMS and ensure these aspirations can be delivered. This is likely to address:
  - **leadership and accountability** – in particular, ensuring Mayors are well supported in their leadership role, strengthening Ngāi Tahu involvement in the CWMS, supporting Zone Committees to shift their focus from planning to implementation, and ensure coordinated action among the many organisations and sectors that contribute to delivery of the CWMS
  - **resourcing and funding** – the importance of an implementation plan to identify appropriate responsibilities, resources and funding so the goals can be delivered

- **monitoring, reporting and review** – the development of monitoring and reporting processes to ensure that strategy implementation is on track and that progress is being made to achieve the goals
  - **understanding and support for the CWMS** – continuing to build understanding among water users and ensuring communities are well informed about the CWMS.
4. Stakeholders will expect to be advised of Canterbury Mayoral Forum decisions on the 2025 and 2030 goals once decisions are made in May 2019. Mayors' guidance is sought on the approach for communicating these decisions, including any wider communication objectives (such as setting the agenda for implementation), who and how decisions should be announced and the level of desired publicity.

## Background

5. The CWMS was adopted by the Canterbury Mayoral Forum in 2009 and is now the region's primary mechanism for implementing the National Policy Statement on Freshwater Management.
6. The purpose of the CWMS Fit for Future project is to develop 2025 and 2030 goals for the ten target areas of the CWMS and provide advice to the Canterbury Mayoral Forum on what is needed to support delivery of the strategy. The Regional Committee was tasked with leading the development of advice on these matters, supported by a Goals Working Group and Task Groups representing a range of interests and perspectives.
7. Environment Canterbury (as project lead) updated the Canterbury Mayoral Forum on the project on 7 December 2018. The update included a working set of draft goals and advice on strategic and implementation issues arising from the goals development process and engagement with stakeholders. Further work has been undertaken since then to revise the goals, develop a supporting work programme and consider implementation issues.

## Draft goals for 2025 and 2030

8. The draft set of CWMS goals for 2025 and 2030 has been updated and is summarised in Attachment 1. A brief comment on the proposed direction of goals for each of the ten CWMS target areas is set out in the following table.

Target area	Comment on draft goals for 2025 and 2030
Environmental limits	Goals largely maintain the direction set in 2010 – with emphasis on review of limits and attention to how these will be achieved
Ecosystem health and biodiversity	Range of ambitious new goals are proposed to prompt change in this area
Natural character of braided rivers	Range of ambitious new goals are proposed to prompt change in this area
Kaitiakitanga	Goals represent a move away from process objectives, with a greater focus on desired outcomes

Target area	Comment on draft goals for 2025 and 2030
Drinking water	Goals are mix of maintaining direction set in 2010 and new goal relating to untreated community drinking water supplies
Recreational and amenity opportunities	Goals largely maintain the direction set in 2010, with inclusion of new goals relating to recreational water quality
Water-use efficiency	Goals largely maintain the direction set in 2010
Irrigated land area	Shift in emphasis, with more focus on reliable and efficient use of water, than on irrigated land area (for which an indicative target was set for 2040)
Energy security and efficiency	Goals largely maintain the direction set in 2010
Indicators of regional and national economies	Range of more measurable goals are proposed to better reflect the links between water and economic resilience

9. The draft goals are close to final. Some refinement of the wording is needed to ensure all goals are clearly defined and can be measured, but further change to the nature and intent of the goals is unlikely.
10. In developing the goals, the Regional Committee has considered the changing context (for example, the effects of climate change and national policy changes such as changes to drinking water standards) and has addressed the following issues:
- **emphasis on CWMS first-order priorities** – many new goals are proposed in target areas relating to ecosystem health and biodiversity, the natural character of braided rivers and kaitiakitanga. This reflects a desire by stakeholders to see greater emphasis on first-order priorities for water use and, in particular, more progress in achieving desired cultural and environmental outcomes.
  - **better water use** – Improving the efficiency and reliability of water use has become increasingly important. Draft goals for the irrigation target area focus on reliable and efficient use of water rather than on irrigated land area.
  - **greater focus on urban issues** – the approach has been to ensure sufficient focus on urban issues in the work programme rather than draft specific goals. Proposed goals are relevant to both urban and rural areas.
  - **addressing Ngāi Tahu concerns** – draft goals for the kaitiakitanga target area represent a move away from process objectives, with a greater focus on the outcomes desired by tangata whenua. Across the target areas, the intent is to express goals in a way that is meaningful for tangata whenua and reflects the concept of ki uta ki tai (integrated management from the mountains to the sea).
  - **need for resilience** – across the target areas, consideration has been given to supporting resilience (for example, through storage and efficient and reliable water use to support environmental flows and resilience in local economies).

## **2040 goals**

11. The Regional Committee has not reviewed the 2040 goals, which are beyond the scope of this project. However, some adjustment may be required given changes since 2010 and shifts in emphasis coming through the draft 2025 and 2030 goals. The Regional Committee will provide further advice in its May 2019 report.

## **Emerging regional work programme to support the goals and strategy implementation**

12. The second round of Task Group and engagement workshops considered what actions are needed to achieve the draft 2025 and 2030 goals. These actions have now been consolidated in a draft regional work programme (summarised in Attachment 2). Additional actions are required to address strategic implementation matters (discussed below) and will be incorporated in the draft work programme.
13. The draft work programme is a first working draft and identifies initial thoughts on lead agency or sector. Further work is required to firm up proposed actions and lead agencies, check alignment with the National Policy Statement on Freshwater Management, Zone Implementation Programme Addenda and existing work programmes, and consider the deliverability of the work programme as a whole, with particular attention to resource and implications and the timing of proposed actions.
14. The Canterbury Mayoral Forum will be asked to endorse the high-level work programme in May 2019 as a starting point for discussion with contributing organisations. Further conversations with individual organisations will then be required to confirm responsible agencies, fully scope and cost each area of work, and secure the necessary resources and funding (for example, through Long-Term Plan processes). The work programme will continue to evolve over time as this work is carried out, and in response to policy developments at the national level (such as changes to the National Policy Statement on Freshwater Management).
15. An important aspect of the CWMS strategic approach is progressing all ten target areas in parallel. However, the nature and level of effort required to progress the 2025 and 2030 goals will be uneven across the target areas. There has been more progress in some areas than others over the past ten years; for example, there has been significant work on setting environmental limits through sub-regional planning processes as a critical first step in making progress in other target areas.
16. During the engagement process, some stakeholders expressed concern that CWMS implementation to date has not adequately reflected first-order priorities for water use (the environment, customary uses, community supplies and stock water). Particular concerns were expressed about lack of progress towards achieving desired cultural and environmental outcomes.

17. The CWMS priorities for water use are taken into account in planning processes and action has been taken to progress cultural and environmental outcomes. However, the time lag between action taken and a resulting measurable outcome means there is little visible progress in some areas and there is scope to do more. Many of the draft goals for 2025 and 2030 relate to the kaitiakitanga and ecosystem health and biodiversity target areas, as do many of the supporting actions in the draft work programme.

## **Strategic implementation matters**

18. The Regional Committee has developed ambitious goals for 2025 and 2030 and is very conscious of the responsibilities to future generations and the legacy they will inherit. It is critical that mechanisms are in place to ensure these aspirations can be delivered.

## **Leadership and accountability**

19. Implementation of the CWMS requires:
- effective ongoing leadership – to champion the CWMS, build engagement and support the ongoing mobilisation of community action
  - participation of a broad range of interests across Canterbury, particularly the active involvement and support of Ngāi Tahu
  - mechanisms for oversight – to ensure that the ‘right’ action is being taken and commitments to action are being honoured
  - management support to provide information and advice and ensure that CWMS processes are well co-ordinated.
20. Looking ahead to the next ten years, work is required to:
- ensure ongoing support for the Canterbury Mayoral Forum in its role of championing and maintaining oversight of the strategy
  - strengthen the role of Ngāi Tahu in water management processes
  - support the Zone Committees to shift their focus from planning to delivery through clear work programmes
  - ensure co-ordinated action by a wide range of agencies and sectors across the CWMS target areas, including Environment Canterbury, territorial authorities and key industry and community partners.

## **Resourcing and funding**

21. The draft goals and work programme are ambitious and will require substantial effort and financial resources to make them happen. An early priority is therefore:
- identifying where responsibility for each action lies
  - obtaining commitments from communities and organisations to allocate people and other resources to help deliver the actions

- considering how actions are best funded.
22. Subject to Canterbury Mayoral Forum decisions in May 2019, Environment Canterbury will develop an implementation plan in the second half of 2019 to address these issues, in discussion with the CWMS partners likely to be responsible for implementing specific actions. The Canterbury Mayoral Forum has an important leadership role in endorsing the work programme, but funding decisions will be the responsibility of individual agencies.

### **Monitoring, reporting and review**

23. Good monitoring and reporting processes are required to ensure that strategy implementation is on track and that progress is being made to achieve the goals. Regular reporting is required to provide assurance to the Canterbury Mayoral Forum, Zone Committees, key partners and communities, along with agreed processes for updating the work programme and considering and taking remedial action if necessary.
24. There are many areas where action is needed to improve information and data collection and build the knowledge base. These are identified in the draft work programme. The work programme also includes action to ensure that reporting is meaningful to Māori and that measurement systems integrate Mātauranga Māori and scientific methodologies.

### **Understanding and support for the CWMS**

25. A key strength of the CWMS has been growing understanding among different water users about their different perspectives and interests (increasing social capital). Continuing to build social capital is important to the success of the CWMS. There is also a need to ensure that communities are better informed about the work that is underway to improve water management and the successes that exist, as well as the areas where progress is not being made (and why). Communication is a key area of work included in the draft work programme, and will be supported by good monitoring and reporting processes.

### **Cost, compliance and communication**

#### **Financial implications**

26. Financial implications will be addressed in the Regional Committee's final report in May 2019. Resourcing the next phase of work to develop an implementation plan and monitoring framework will have resource implications for councils. Delivering specific work programme actions will have financial implications for multiple agencies and sectors. Any new costs for local government would be considered in the 2020/21 budget cycle.

## **Risk assessment**

27. Key risks and mitigations include:

- lack of broad support for 2025 and 2030 goals and supporting work programme – this risk has been mitigated by involving a wide range of interests and perspectives in the project. Some residual risk remains, however, as the rūnanga and Te Rūnanga o Ngāi Tahu have had limited capacity to engage and some stakeholders (e.g. Fish & Game and Forest & Bird) have, to date, opted not to engage altogether. This will be managed by clearly communicating project processes and next steps to ensure the goals are delivered.
- work programme is unable to be delivered due to lack of buy-in, competing priorities or lack of resources – this risk is being mitigated by considering deliverability as the work programme is developed, and will also be managed by developing an implementation plan with partner agencies
- national policy directives (such as changes to the National Policy Statement on Freshwater Management) have significant implications on the goals or work programme – this will be managed by regular communication with central government so agencies are aware of potential impacts, and ensuring the work programme remains a live document and can be adapted over time.

## **Engagement and communication**

28. The project has involved two rounds of engagement with Zone Committees, rūnanga, community groups, sector groups, a youth focus group, district health boards and central government. The project team will undertake further targeted engagement over coming weeks on specific matters and will provide all stakeholders with a project update in February 2019.
29. Stakeholders will expect to be advised of Canterbury Mayoral Forum decisions on the 2025 and 2030 goals in May 2019. The project team sought guidance from the Mayoral Forum on the approach for communicating these decisions, including any wider communication objectives (such as setting the agenda for implementation), who and how decisions should be announced, and the level of desired publicity. Options included:
- a high-key release, or a low-key release with targeted communication to key stakeholders
  - the Mayoral Forum Chair (or a sub-group of Mayors) fronting a media release with the Chair of Environment Canterbury as Mayoral Forum lead on freshwater management.
30. Feedback from the Mayoral Forum will inform development of a draft communications strategy for approval by the Mayoral Forum when it receives the final report on 24 May 2019.

## **Next steps**

31. Key next steps are to refine the goals, continue developing the draft work programme and work with the Regional Committee to develop recommendations on strategic implementation matters. The Regional Committee's final report will be ready for the Canterbury Mayoral Forum meeting of 24 May 2019.

## **Attachments**

- Summary of draft CWMS goals for 2025 and 2030
- Emerging regional work programme to support the goals and strategy implementation

## Attachment 1: Summary of draft CWMS goals for 2025 and 2030

Note: highlighted cells in the table represent notable changes as a result of the CWMS Fit for the Future project

Target area (CWMS)	Theme (Targets report)	Intermediary goals
Environmental limits	Environmental flows and catchment limits	<p>One of the 2040 goals is that environmental flow and catchment load limits are achieved in all catchments. To help achieve that the intermediary goals continue the 2020 goal to provide for environmental flows and catchment load limits to be reviewed in response to new information.</p> <p>In addition, new intermediary goals propose that all planning processes consider how the limits will be achieved, and set targets for the proportion of catchments that have undertaken consent reviews to achieve flows and catchment load limits.</p>
Ecosystems health and biodiversity	Freshwater species and their habitat	Intermediary goals seek an increase in abundance of all threatened/at-risk indigenous species.
	Wetlands	Intermediary goals set targets for the restoration of former or new wetlands and continue goals from 2015 and 2020 to protect existing wetlands.
	Drylands	Intermediary goals seek to manage the effects of water use on indigenous ecosystems, including drylands.
	Hapua, lagoons, estuaries	Intermediary goals seek improvement in key ecosystem health indicators for all hapua, lagoons and estuaries.
	Lowland streams and lakes	Intermediary goals seek incremental increase in percentage of lowland lakes and streams where condition and water quality is improved, and in riparian planting along prioritised waterways.
	High country foothill streams and lakes	Intermediary goals seek to maintain or improve condition and water quality.
	Understanding emergent contaminant risks	Intermediary goals seek to ensure that emerging contaminants risks are understood and limits set where required.
Braided rivers	Braided river character	The 2010 goal sets out a basic management approach for braided rivers, which is appropriate to maintain over the next 10-15 years. Intermediary goals are consistent with the 2040 goal that Canterbury's braided rivers show the dynamic braided nature typical of such rivers, and include a new goals of increased community knowledge, awareness and guardianship.

Target area (CWMS)	Theme (Targets report)	Intermediary goals
	Ecosystems, habitats and species Riparian wetlands, springs and lagoons	<p>Environmental flows: The 2015 goal was to identify where flows do not include the characteristics necessary for braided river health. With that identified, new 2025 and 2030 goals focus on making progress towards achieving those flows.</p> <p>Species and habitats: 2025 goals build on the 2020 goals to protect significant habitat for indigenous braided river flora and fauna, and protect and enhance associated riparian wetlands, springs and lagoons. A new 2030 goal is proposed seeking a resulting measurable change in the abundance and health of braided river dependent species.</p> <p>New intermediary goals are proposed setting targets for the proportion of braided river habitat under active management, along with a new 2030 to improve the status of indigenous bird species.</p>
Kaitiakitanga	Marae drinking water supply	Intermediary goals seek to maintain high quality drinking water for marae and associated papakāinga.
	Working together in partnership	Intermediary goals seek integration of ki uta ki tai into water management throughout the region, refresh of iwi management plans, the continued building of institutional capability and establishment of tangata tiakiwai (water guardians). New goals are proposed to support succession planning.
	Wāhi taonga and mahinga kai	Only one goal was set for 2040, to protect wāhi taonga and mahinga kai waterways. A series of intermediary goals are therefore proposed, to foster the restoration of specific sites, protect Ngāi Tahu values, and identify and protect at-risk freshwater taonga species.
Drinking water	Source water quality	Untreated supplies and treatment: There were no 2020 and 2040 goals. Proposed 2025 and 2030 goals seek to continue 2010 commitments to reduce need for treatment of source drinking water, reduce nitrates in groundwater, improve groundwater modelling and improve drinking water quality.
		Emerging contaminant risk: The intermediary goals are consistent with the wording of the 2020 and 2040 goals.
		Water volumes: There was no goal for 2020 or 2040. The intermediary goals assert priority for drinking water availability over other water uses.
	Catchment nutrient load	Existing 2020 and 2040 goals relate to the setting of catchment load limits and increasing nutrient use efficiency. Intermediary goals recommended for 2025 and 2030 provide ongoing support for this approach.

Target area (CWMS)	Theme (Targets report)	Intermediary goals
Recreation and amenity opportunities	Water based recreational opportunities	Proposed 2025 and 2030 goals seek a positive trend in the diversity, availability and quality of recreational opportunities in each zone. Intermediary goals also set out steps that will lead to the restoration of major fresh water recreational opportunities in each zone by 2040, and to identify threats to recreational uses.
	Freshwater angling	Intermediary goals seek to improve the health of lowland rivers, streams and lakes and an increase in fishing opportunities.
		Salmonid species: Intermediary goals seek to increase the number and area of protected salmon spawning sites.
	Recreational water flows	Proposed 2025 and 2030 goals provide a continuation of the 2020 goal of progressing achievement of environmental flows.
Recreational water quality	A 2030 goal is recommended to achieve the NPS-FM target of 92% of rivers and 81% of lakes in Canterbury being swimmable. New goals are also proposed in relation to managing the risk from cyanobacteria to public health.	
Water use efficiency	Best practice and benchmarking	Proposed goals for 2025 and 2030 support the use and implementation of benchmarks, increasing uptake of Good Management Practice and increasing the benefits gained per unit of water.
Irrigated land area	Land area and reliability	Intermediary goals seek a greater focus on reliability with step-wise increases in the percentage of irrigated land provided with sufficient reliability, in order to bridge 2020 and 2040 goals.
	Infrastructure	Only one intermediary goal is proposed, as the thinking has moved on from the need for physical infrastructure to providing solutions in a number of ways including consent reconfiguration, scheduling and improving the planning and consenting framework across the region.
Energy security and efficiency	Energy security and efficiency	Intermediary goals support 2015 and 2020 goals, and seek to improve productivity per unit of energy used.
Indicators of Regional and National Economies	Added-value from water	Intermediary goals set interim measures of increasing added-value, employment, productivity and household income from the use of water.
	Externalities and opportunity costs	<i>Intermediary goals have not yet been defined and will be considered by the Goals Working Group.</i>

## Attachment 2: Emerging regional work programme to support the goals and strategy implementation

Notes:

- The work programme is a working draft and has yet to be discussed with possible lead agencies.
- The work programme only includes goal-related actions at this stage. Additional process actions will be required to support strategy implementation.
- Further work is required to size each action, determine the extent to which initiatives are already underway, and identify appropriate sources of funding.

Target area (CWMS)	Primary action type	Summary of actions (first draft)	Possible lead/s
Environmental Limits	Regulatory	Undertake regular reviews of environmental flow and catchment load limits to ensure they remain appropriate, and consider regulatory and non-regulatory methods for implementing limits.	<b>Withheld under LGOIMA s7(2)(f)(i) &amp; s7(2)(i) – lead agencies yet to be confirmed and under negotiation</b>
		Undertake monitoring and enforcement to ensure compliance with flow requirements on resource consents.	
		Establish a programme to ensure that environmental flow regimes and catchment load limits are reflected in consent conditions.	
	Communication & Education	Promote GMP and management practices to enable catchment load limits to be met. Develop a rural-focused technology uptake programme.	
	Monitoring	Develop and implement methods for annual reporting on progress toward achieving environmental flow and catchment load limits.	
Ecosystem Health & Biodiversity	Research	Review the effectiveness of currently used fish screen and fish exclusion devices and identify appropriate fish exclusion devices for Canterbury waterways.	
	Action	Develop an integrated programme of action to protect and manage native fish habitats and populations.	
		Develop an integrated programme of action to <u>protect</u> and manage <u>existing</u> wetlands.	
		Develop an integrated programme of action to <u>restore</u> and manage <u>former</u> wetlands.	
		Develop an integrated programme of action to prevent further loss of ecosystem health in river mouths and coastal lagoons.	
		Develop an integrated lowland stream programme (including drains).	
		Develop an integrated high country waterway programme.	

Target area (CWMS)	Primary action type	Summary of actions (first draft)	Possible lead/s
		Develop a programme of action to protect and manage dryland ecosystems.	<p><b>Withheld under LGOIMA s7(2)(f)(i) &amp; s7(2)(i) – lead agencies yet to be confirmed and under negotiation</b></p>
		Determine the extent of farmland encroachment into dune ecosystems, and identify and take appropriate responses.	
		Review the effects of forestry operations on waterway health and investigate and implement measures for reducing effects.	
		Develop a programme of action to identify and report on emerging contaminants.	
Natural Character of Braided Rivers	Research	Develop a braided river work programme to guide indigenous flora and fauna habitat and species protection.	
	Action	Continue to encourage and support community-led initiatives to manage braided river margins.	
	Regulatory	Investigate whether Farm Environment Plans can require properties next to braided rivers to address the effects of farming activities on braided river ecosystems, and if necessary, review regional planning documents to enable this.	
		Review statutory and non-statutory documents to ensure that river bed environments are defined and braided river ecosystems are appropriately managed and protected.	
		Review statutory and non-statutory documents to ensure provisions relating to braided river systems recognise and provide for ki uta ki tai.	
		Ensure appropriate management tools are in place to monitor and manage gravel extraction – to maintain braided river character, minimise flood risk and maintain aggregate supply.	
		Ensure appropriate management tools are in place for the river mouths of major braided rivers – to maintain the dynamic, braided nature of such rivers.	
		Ensure regional and district planning documents include provisions to maintain the landscape values of the upper reaches of braided rivers and manage the effects of the taking and use of water and land use change.	
Kaitiakitanga  <i>(Further discussion)</i>	Action	Develop a comprehensive programme of action to manage marae drinking water sources.	
		Develop a programme of action focussing on freshwater taonga species.	
		Develop and implement a region-wide mahinga kai framework to inform and influence statutory and non-statutory planning processes.	

Target area (CWMS)	Primary action type	Summary of actions (first draft)	Possible lead/s
<i>with Ngāi Tahu required)</i>		Continue to develop and implement a Tuia work programme that includes institutional capability building and the delivery of specific CWMS targets.	<b>Withheld under LGOIMA s7(2)(f)(i) &amp; s7(2)(i) – lead agencies yet to be confirmed and under negotiation</b>
	Monitoring	Provide rūnanga with annual Mātauranga Māori-informed reporting on the health of waterways to inform water management decision-making.	
	Regulatory	Review statutory and non-statutory planning documents, strategies and bylaws to ensure they appropriately manage Fenton Reserves.	
		Ensure cultural values are recognised when developing, reviewing and implementing environmental flow and allocation regimes.	
	Research	Review the extent to which iwi management plans have been taken into account in council activities, and the extent to which iwi are implementing them. Develop funding mechanisms to support continued development of iwi management plans.	
		Develop and implement a ki uta ki tai strategic framework.	
Communication & Education	Develop a programme to support cultural values and ensure no loss of intergenerational cultural knowledge and practice in the region.		
Drinking Water	Action	Develop a region-wide drinking water programme to ensure that all drinking water supplies are protected and there is no decline in the quality of drinking water.	
		Develop a programme to ensure that all people in Canterbury are connected to a water supply that meets the New Zealand Drinking Water Standards for health-based determinants.	
		Deliver an ongoing work programme to address nitrate levels in groundwater.	
	Regulatory	Review regional and district statutory and non-statutory planning documents, strategies and bylaws to ensure that they align with and support the CWMS targets for drinking water.	
	Communication & Education	Develop communications tools, where required, to educate communities about drinking water sources, risks and protection measures in their local areas.	
	Research & monitoring	Deliver an ongoing work programme to address the effects of nitrates on human health.	
		Continue to update groundwater modelling and monitoring programmes to better understand drinking water issues and options, and share information with the community.	

Target area (CWMS)	Primary action type	Summary of actions (first draft)	Possible lead/s
		Develop a contaminants watchlist programme.	<p><b>Withheld under LGOIMA s7(2)(f)(i) &amp; s7(2)(i) – lead agencies yet to be confirmed and under negotiation</b></p>
Recreational and Amenity Opportunities	Action	Establish a work programme to diversify and enhance water-based recreational opportunities in each zone.	
		Identify and implement actions to prioritise and protect salmon spawning sites.	
		Develop an integrated programme of action to restore and protect fishing opportunities.	
	Communication & Education	Develop a programme to understand and publicly communicate threats to freshwater recreational opportunities, including how risks can be managed.	
		Implement a system to publicly report water quality monitoring data in real time.	
		Review monitoring protocols for cyanobacteria and develop an education and communication programme to ensure the public are aware of the health risks of cyanobacteria contamination.	
Water-use Efficiency	Monitoring	Establish a regional working group to establish benchmarks for water use.	
	Coordination	Establish a regional working group to develop best practice standards for water use.	
		Develop and implement an urban water use programme.	
	Action	Develop a system to monitor and report on the benefits gained per unit of water, and implement measures to improve the benefits gained per unit of water.	
Irrigated Land Area	Research	Revise the CWMS regional infrastructure plan to include an updated supply demand/distribution model, greater regard for the flows required to meet environmental, recreational and cultural flows, as well as options for centralised water storage across each node and facilitating collaboration between scheme operators. Undertake a case study once the update is completed.	
		Investigate options for funding of infrastructure.	
		Review zone implementation (infrastructure) programmes to ensure they demonstrate a balance between environmental and economic water demands, and align with regional supply and demand modelling.	

Target area (CWMS)	Primary action type	Summary of actions (first draft)	Possible lead/s
	Regulatory	Prepare an issues and options report on regulatory and non-regulatory mechanisms to facilitate infrastructure efficiency improvements, considering the revised infrastructure plan.	<b>Withheld under LGOIMA s7(2)(f)(i) &amp; s7(2)(i) – lead agencies yet to be confirmed and under negotiation</b>
	Coordination	Develop and implement a water reliability programme.	
Energy Security and Efficiency	Research	Prepare an issues and options report to determine potential electricity savings in the irrigation sector.	
	Communication & Education	Work by electricity distribution companies with major water users to understand and enhance opportunities for mutual benefit (load management, capacity availability, generation options).	
Indicators of Regional and National Economies	Research	Gather information on metrics developed in relation to 2025 goals.	
		Identify preferred option for funding policy for reinvestment in natural capital and a method for implementing it.	
		Establish a regional task force to investigate and provide recommendations on innovative, high-value and sustainable primary production options.	

**Date:** 12 April 2019

**Presented by:** James Thompson, CDEM

## **Canterbury Natural Hazards Risk Reduction Group**

### **Purpose**

1. To provide an initial update to the Canterbury Policy Forum on the Canterbury Natural Hazards Risk Reduction Group (Group), and to seek approval of an updated Terms of Reference.

### **Recommendations**

**That the Canterbury Policy Forum:**

- 1. approve the draft 2019 Terms of Reference for the Canterbury Natural Hazards Risk Reduction Group**
- 2. endorse the continuation of the current Natural Hazards Risk Reduction work programme**

### **Background**

2. This is the first meeting of the Policy Forum since the reporting of the Group moved from the Canterbury Operations Forum to the Policy Forum. This move was approved at the November 2018 Chief Executives Forum.
3. The Group's Terms of Reference was first approved by the Chief Executives Forum in February 2016. This is the first time the TOR has been reviewed and updated.
4. The current work programme was agreed by the Group at its 23 October 2018 meeting. The Group recommends that the current work programme remains as is to allow for the completion of milestones currently underway.
5. The May 2016 "A regional approach to management of natural hazards" remains the current guiding document for the Group, and provides for the milestone that the Group is working towards achieving. This document can be made available to members of the Policy Forum on request.

### **Key points to note in the Terms of Reference**

6. The importance of the Regional Climate Change Working Group, the Canterbury Planning Managers Group, and the Risk Reduction Group keeping each other informed

on their activities is recognised and can be accomplished by the Chairs of these groups through the Policy Forum.

7. Membership to the Group could be strengthened with the Policy Forum appointing membership or approving membership.
8. The TOR has clarified the role of the Group and the previous larger group meeting. The Group is now responsible for progression of the work programme / achievement of milestones while the previous larger group meeting will be known as the Risk Reduction Forum. The Risk Reduction Forum will have the ability to invite a greater audience to it thus better meeting CDEM Group Plan Objectives.

## **Cost, compliance and communication**

### **Financial implications**

9. The Group has no budget for its work programme. Funding for projects has come from existing budgets of the members. Where a milestone requires funding that is more than members can contribute to, a business case will be presented to the Policy Forum in time to meet Annual Planning / LTP processes.

### **Significance and engagement**

10. Ngāi Tahu have attended Group meetings previously and are invited to be recognised as members of the Group. Ngāi Tahu and the Group's Chair have yet to meet to confirm this.

### **Attachments**

- Canterbury Natural Hazards Risk Reduction Group priority milestones for 2019/20
- Draft 2019 Terms of Reference, Canterbury Natural Hazards Risk Reduction Group

## **Appendix 1 - Canterbury Natural Hazards Risk Reduction Group priority milestones for 2019/20**

### ***M11: Develop and formal procedure for identifying gaps in research and how priority is assigned for future research***

- Being led by representatives from Environment Canterbury, Christchurch City and Hurunui
- It has been noted that all aspects of council (planning, building, infrastructure, strategy, CDEM etc.) need to be involved
- ECan have a significant role in ID'ing gaps
- There is a role to report on outcomes from this milestone to the Operations Forum
- This milestone has links to M3 and M12

### ***M12: Develop a Guide to commissioning research***

- Needs to be connected to tertiary institutes to help focus their research
- Linked to M11 and M3.
- While not agreed this could sit with the team from M11

### ***M14: Develop a process for assessing/evaluating district plans, civil defence responses, and hazard research programmes.***

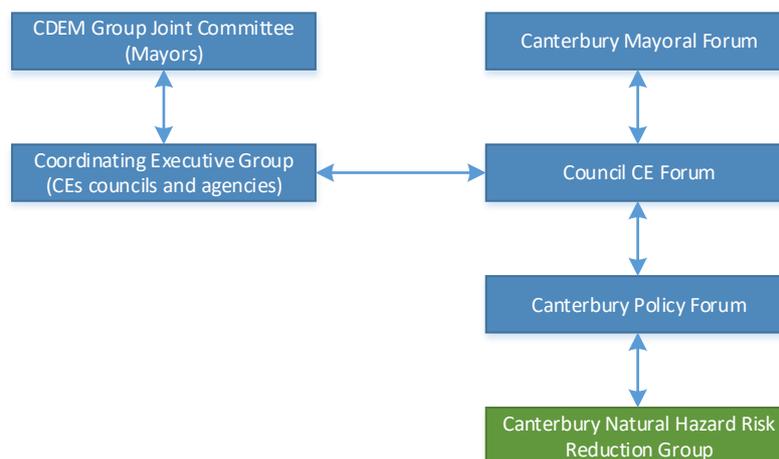
- This needs further scoping to determine what would actually be assessed and why? Any assessment should be done with the view of reducing hazards and communicating hazards
- CDEM Responses are currently evaluated either internally or externally. There is an established MCDEM Guideline for doing this
- Statistics on how many consents are turned down for natural hazards reasons would help
- Assessment tools need to be appropriate for the assessment e.g. CDEM assessment would be different from a District Plan assessment

# Draft 2019 terms of reference, Canterbury Natural Hazard Risk Reduction Group

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## Background and purpose

- 1 The Canterbury Natural Hazards Risk Reduction Group was formed in early 2016
- 2 The Canterbury Chief Executives Forum has endorsed the development and implementation of a regional approach to managing natural hazard risk in Canterbury, which meets an objective of the current Canterbury Civil Defence Emergency Management Group Plan.
- 3 The Canterbury Natural Hazard Risk Reduction Group reports to the Canterbury Policy Forum. Through the Policy Forum, the Group will report to the Chief Executives Forum, the Coordinating Executive Group, and the Canterbury Mayoral Forum and Civil Defence Emergency Management Joint Committee as required.



- 4 There is a recognised importance of alignment and coordination between this Group, the Regional Climate Change Working Group, and the Canterbury Planning Managers Working Group. The Chairs of these three groups will achieve this alignment through the Canterbury Policy Forum.

## Scope

- 5 Matters subject to the Group's consideration will include:
  - identification and exploration of opportunities to reduce hazards risk within the Canterbury region
  - facilitating communication and coordinating the sharing of information

- development of a regional natural hazards management approach/hazard risk reduction strategy which:
    - identifies on a hazard-by-hazard basis the key actions that will result in a reduction of the economic and social cost of hazards in the Canterbury region
    - identifies the tools which can result in a reduction of hazards in the Canterbury region
    - has the support of local authorities, key stakeholders, and the wider community.
- 6 The May 2016 “A regional approach to the management of natural hazards” remains as the key document for the Group and lists the current milestones of the Group.

## **Membership and operation of the Group**

- 7 The Canterbury Natural Hazard Risk Reduction Group will include a mix of planners, hazard analysts, strategic policy, and emergency management staff representing Civil Defence Emergency Management, territorial authorities, the regional council and Te Rūnanga o Ngāi Tahu.
- 8 The Group shall comprise:
- chairperson
  - secretariat
  - Civil Defence Emergency Management
  - representation from the northern councils (Selwyn, Waimakariri, Hurunui and Kaikōura Districts)\*
  - representation from the southern councils (Ashburton, Timaru, Mackenzie, Waimate and Waitaki)\*
  - Environment Canterbury\*
  - Christchurch City Council\*
  - Ngāi Tahu (to be confirmed).

(\* These groups may be represented by more than one member to ensure planners, Civil Defence Emergency Management staff, strategic policy, and hazards staff are appropriately represented.)

- 9 The Group will appoint its own Chair, and review this appointment annually. The secretariat will come from the Chair’s organisation.
- 10 The Chair and Secretariat will be responsible for preparing agendas, minutes, maintaining relationships and ensuring that the Group is functioning under the Terms of Reference.
- 11 It is acknowledged that there are considerable differences in the size and resource capacity of Canterbury councils, which can impact on their ability to contribute. The make-up of the Group will ensure this is taken into consideration, so as not to put additional pressures on councils.

- 12 Where councils do not have a member on the Group, they will nominate one or two council staff members as contacts to report back to Council (staff, senior management and governance) and will be asked to provide any council specific or local information to the Group as required.
- 13 The Group will be responsible for the establishment and progression of the work programme. The work programme will be provided to the Policy Forum for their endorsement.
- 14 The Group shall meet (preferably face-to-face), at a minimum of, four times a year to:
  - agree on key work programmes and nominate a member to champion each work programme
  - report back on work programmes, workshop ideas and ensure the timely progression of the strategy
  - agree on any external resources needed
  - prepare submissions or business cases for the Policy Forum where budget is required to complete a project or milestone.
- 15 A minimum of once<sup>1</sup> every twelve months the Group will host a forum of agencies, stakeholders and local authority staff who have a role in risk reduction, which will be known as the Risk Reduction Forum. The Risk Reduction Forum will ensure that the Group is representing the views of all Councils, provide focus areas and will provide a fresh critique of the work programmes.
- 16 The Group will also maintain regular electronic exchanges to consider issues and monitor progress. A SharePoint site is established to assist with this
- 17 The Group may allocate an issue(s) to a sub-group(s), which may include other council staff, or another appropriate collaborative grouping among councils, to consider and develop a response(s). Working sub-group(s) should periodically update the Risk Reduction Group and if deemed appropriate the Risk Reduction Forum.
- 18 There is no set budget for the Group. Where funding is required to complete a milestone or other agreed work, a business case will be prepared for the Canterbury Chief Executives Forum, via the Canterbury Policy Forum in time to meet the LTP/Annual Planning process.

## **Decision making and representation**

- 19 The Group has no decision making authority. It will develop advice to be presented to the Policy Forum for approval.
- 20 The Group will seek to develop advice and analysis through consensus. However, if there is more than one view on any matter within the agreed work programme, issues can be forwarded to the Policy Forum for debate, with the Chair to represent the views of the Group at the Policy Forum.

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<sup>1</sup> It is intended that the Risk Reduction Forum will meet two to three times per year depending on topics for discussion. It will meet at least once annually.

## **Changes to the terms of reference**

- 21 The Group may recommend changes to the Terms of Reference to the Policy Forum.

## **Membership and Operation for the Risk Reduction Forum**

- 22 The Risk Reduction Forum has the purpose to provide advice to the Group on the milestones and projects that it has responsibility for
- 23 The Forum can be used as a mechanism to receive information about new hazard and risk research, and presentations on natural hazards
- 24 The Forum will primarily consist of hazard, planning, strategic policy, and emergency management staff from all Canterbury Local Authorities and Ngai Tahu.
- 25 The Group may, depending on topics, invite other organisations to Forums. For example, Emergency Services and Community Groups.
- 26 The Chair for the Group will chair Forums.

**Date:** 12 April 2019

**Presented by:** David Bromell, Secretariat

## **Improving the quality of advice to councils**

### **Purpose**

1. This paper reports back on the final workshop on *Thinking together ... before we write* and proposes a train-the-trainers workshop on writing recommendations and peer review.

### **Recommendations**

**That the Canterbury Policy Forum:**

1. **note the feedback received from participants in the South Canterbury and North Canterbury regional training workshops**
2. **thank the Christchurch City Council for supporting this training through its Centre of Excellence for Quality Advice and Policy Development**
3. **invite member councils to identify a champion (or champions) of better advice within each council**
4. **organise a train-the-trainers workshop on writing recommendations and peer review and ask Environment Canterbury and Christchurch City Council's Centre of Excellence to design and deliver this workshop**
5. **note that in April 2019 Statistics New Zealand will make an announcement about the release of Census 2018 data.**

### **Background**

2. As agreed by the Policy Forum on 29 July 2018, Nicole Randall (Christchurch City Council Centre of Excellence) and I facilitated workshops on *Thinking together ... before we write* for advisors and their managers in mid-Canterbury (28 September 2018) and South Canterbury (25 October 2018).
3. We reported on evaluation of the mid-Canterbury workshop on 19 October 2019. Feedback from South Canterbury was similarly positive and is attached to this report. North Canterbury councils expressed an interest in running the workshop for staff from Kaikōura, Hurunui and Waimakariri early in 2019.

4. The October 2018 meeting also:
  - endorsed developing a train-the-trainers workshop in 2019 on peer review and writing recommendations
  - agreed to re-visit in April 2019 the option of a workshop with Statistics New Zealand on using population data in policy and planning.

## **North Canterbury workshop**

5. Nicole Randall resigned from the Christchurch City Council in December 2018. Victoria Bliss from the Centre of Excellence co-facilitated the workshop with me at Hurunui on Wednesday 3 April.
6. Eighteen staff from the Kaikōura, Hurunui and Waimakariri councils were joined by two staff from Te Rūnanga o Ngāi Tahu. Deputy Mayor Marie Black (Hurunui) and Policy Forum member Simon Markham provided a customer perspective on good advice.
7. Participant feedback is attached to this report. Policy Forum members might like to note what participants want to do differently, and to enable what in many cases involves a change of culture and/or practice in preparing advice.
8. In discussion, the participants asked me to communicate to the Policy Forum, as policy leads in Canterbury councils:
  - please encourage and support collaboration and collective thinking (whiteboarding) from the beginning of the process when commissioning a complex piece of advice, and make time for the author to touch base with you during the policy development process, so the work stays on track – this makes the actual writing a lot easier and will reduce last minute re-work
  - please note that in many cases we are having to learn to do the opposite of what we were taught at university – to put the most important information first and write in plain English
  - please support our use of storyboarding for compelling communication – that includes the ability to embed graphics, photos, maps, etc. in reports in electronic agenda-management systems, and not only as separate attachments.

## **Collaboration on capability building**

9. Evaluations to date indicate that this style of training is cost-effective for Canterbury councils.
  - It encourages and supports consistency in best practice across local government in Canterbury.
  - It uses in-house expertise, grounded in the actual work we do and the challenges we confront doing it.

- It is a low-cost model: councils cover the costs of staff time and travel; a host council provides the venue, tea and coffee. Catering, a printed workbook and resources are covered from the Policy Forum budget (around \$665 per workshop, which averages out at around \$35 per person for four hours' training).
- It builds relationships between staff in neighbouring councils and encourages a 'community of practice'.

## **We are the champions**

10. Each Council has its own ways of doing things. Training needs to respect that. Following up on a concept presented at the meeting on 19 October 2018, we propose that a next step might be for each council to identify a champion for quality advice. (In many cases, the champions may be councils' representatives on the Policy Forum.)
11. We could bring the champions together for a train-the-trainers workshop, 10 am to 3 pm, on (1) **writing recommendations that work**; and (2) **peer review**.
12. The workshop would provide:
  - an experience of training in the craft of effective advising
  - a set of resources to use for in-house training and systems improvement within each council on writing recommendations and using peer review
  - discussion on how to train others and embed a culture of excellence in teams that provide advice to council
  - an opportunity to build a community of practice with other champions of better advice in Canterbury councils.
13. If the Policy Forum agrees, we will organise a workshop for the second half of 2019.

## **Using population data in policy and planning**

14. We had intended designing a workshop with Statistics New Zealand staff on using data from Census 2018.
15. The release of data from Census 2018 has been delayed because the overall individual response was lower than Statistics New Zealand had aimed for. An announcement is expected in April about the release of Census 2018 data.
16. We continue to 'watch this space' – and implications for policy and planning within our region.

## **Financial implications**

17. In the year to date, we are well within the budgeted \$2,400 for regional training events in 2018/19 and expect to carry forward around \$400 into 2019/20.

## **Next steps**

18. If the Forum agrees:

- organise a train-the-trainers workshop for the second half of 2019
- continue to monitor Statistics New Zealand announcements on the release of Census 2018 data and report back to the Policy Forum.

## **Attachment**

- Feedback from the regional workshops held in South Canterbury (October 2018) and North Canterbury (April 2019).

## Appendix: Feedback from regional training workshops

South Canterbury, 25 October 2018

n = 16/17

### 1. What is one thing you will do differently as a result of this workshop?

- shorten sentences and be less verbose; get to the point; be mindful of the sheer volume of reading that senior managers and elected members have to do
- collaboration/whiteboarding *before* starting report
- sessions to talk through commissioning of work, particularly if complicated
- enhance storyboarding concept; being more accurate when commissioning work reports
- mind map/storyboard, preferably in group; peer review; write less; restructure reports
- ask questions more ('no competency' concern); dedicate more time to think and storyboard; apply what/why flow chart to communicating project next steps via email
- outlining before writing
- working collectively when creating or reviewing reports
- use notes and storyboard before committing to paper
- not thinking as I write – planning; sharing with others for feedback
- ask more questions around commissioning of work – especially how wide is the scope?
- utilising a simpler prose; using visual tools for papers/reports/projects
- whiteboard / sounding boards; storyboard
- to plan out reports rather than thinking as I write
- have a go at whiteboarding/storyboarding when planning a report; workshop it
- use others more when compiling reports; make things clearer for others

### 2. What did you enjoy about today's training?

- exercises good; appreciated team leader separate sessions
- great mix of practical exercises, discussion and direct training; knowledgeable and experienced presenters
- hearing from experts
- group work; interactive; introduction of templates
- the information sessions
- working in groups
- working in a team
- enjoyed the interactive group sessions and the opportunity to immediately put the learnings into practice
- brainstorming with others (storyboarding)
- high quality of advice provided and the experience of presenters; meaningful exercises
- insight from veteran policy professionals
- the easy way it was put across
- working through a real piece of work in a team; I do most of my work in isolation and was able to see the benefit of being able to discuss and throw around ideas/structure
- the exercise running through the workshop, as made it practical
- all of it but the exercise was valuable
- involvement with others; practical approach to this topic

### **3. How could this training be delivered better/differently next time?**

- nothing specific; two-presenter approach really good; group good size – don't make the groups too big
- good to have a follow up at some stage, in some way; maybe a one-page list of key learnings as a reminder
- add some relevant quotes, such as “we advise, they decide”; advice on structuring agendas
- great mix of delivery and interactive time
- I can't think of anything – it was very good and not too long
- no complaints – was excellent
- thought presentation/presenters were excellent; very inclusive and provided humour and focus to session
- the present format/structure seems quite optimal
- have an opportunity to feedback to team leaders on the commissioning of work and how it affects what you take away and work on
- maybe a go at re-writing a portion of a 'bad' report to be succinct; look at a 'good report' and then in pairs, peer review another attendee's – also allows us to practice giving/receiving feedback
- not a criticism, more of an interest, but decision architecture both in policy and when creating decision-making environments in the workplace – is a fascinating and useful topic
- perhaps look at previous reports completed so we can use what we talked about in context (break down the good and not so good of the report).

**North Canterbury, 3 April 2019**

n = 20/20

#### **1. What is one thing you will do differently as a result of this workshop?**

- include more visual aids in reports
- spending more time up front on knowing clearly what I have to produce
- focus on verbal presentation over written form/report
- do a storyboard to work out what inputs are needed when and who from – this overview will get the structure drafted
- talk through with colleagues – clarify purpose of report and recommendation/s
- write how you speak, and put the most important information first
- clear commissioning
- bring in more collaboration early for more complex topics
- take time at the beginning to discuss and plan a report
- check in to make sure what I am doing is what is wanted
- talk with team more and have more conversations when creating reports
- ensure project briefing is thorough – follow guidelines
- definitely write for the ear, not the eye
- collaborate more; spend more time before writing the report
- agree scope/concept early and preferably with a group discussion
- small room meetings prior to works + clear commissioning guide
- planning prior to writing a report
- using a storyboard approach when verbally presenting a report
- writing my report how I would speak; not using too much planning-speak
- sending an outline to the person who commissioned the report to confirm that it meets their needs
- speak with authors at the start and mid-way (clear commissioning)
- shared conversations about report required – all the heads in the same room

- write to the ear, not the eye
- collaborate – talk to others – whiteboarding
- keep sentences and paragraphs short
- discussing the report with the commissioner and as a group
- story-boarding is a great way to think of the best/easiest way to show certain information
- discuss/plan out report content with others in a group setting before writing (often I'll discuss it with others individually)
- “protein first” – first sentence of every paragraph is the most important.

## **2. What did you enjoy about today's training?**

- working with peers from other councils
- relaxed manner – good mix of active (hands-on) and passive presentation
- reinforcement of existing knowledge and improving gaps
- David's insights on writing well
- that it was real
- group discussions, others' views and opinions
- good mix of talk and exercises – good to practice what you're talking about
- working in small groups / as a team leader, working with other team leaders
- interaction, collaboration, talking
- working together and using team knowledge
- it's a good format – important to keep groups small, to ensure everyone participates
- listening to the client expectations
- networking with members of other councils
- leader/facilitator involvement
- challenging myself with new people to collaborate on a project
- interactive training using real-world examples
- David's experience + different views adding to meaningful decisions
- interactive approach – didn't just get talked at for 4 hours, involved everyone
- working with other people / meeting new people from other organisations
- using real-life situations; collaborative problem solving
- meeting a range of people from across councils
- interactive group work
- backgrounds and experiences of the people from KDC, WDC and HDC at my table
- delivery from all speakers
- working on a real project with other local councils
- getting to know others and build relationships
- group work with a diverse group of people
- practical application – developing information that will be useful to at least one organisation feels extra valuable.

## **3. How could this training be delivered better/differently next time?**

- deliver at district council level
- I found this useful and informative
- not sure – thought format was fine
- less lecture style – more collaboration, moving around, talking to other people
- I felt that the length and format worked really well
- the format is fine as it is

- possible pre-reading; very worthwhile time out of office, would recommend + very good time keeping
- for Te Rūnanga to have more of our team involved
- moving on to actually write the report
- maybe more time for some of the earlier exercises
- I thoroughly enjoyed this.

<b>Report from:</b>	Canterbury Planning Managers Group (CPMG)
<b>Date:</b>	12 April 2019
<b>Presented by:</b>	Jesse Burgess on behalf of Geoff Meadows

## Recommendations

That the Canterbury Policy Forum:

- note** the CPMG report for the first quarter of 2019

Significant activities in this quarter	<ul style="list-style-type: none"> <li>• Potential scope, focus and content of the proposed National Policy Statement for Highly Productive Soils presented at CPMG on 8 February 2019 by Ministry for Primary Industries</li> <li>• CPMG need to consider process for joined-up submission on the discussion document on the draft New Zealand Biodiversity Strategy scheduled to be released in early June 2019</li> <li>• Received a presentation from Ecan on the omnibus Plan Change to the Canterbury Land and Water Regional Plan and in particular, the current developments with defining the beds and banks of braided rivers</li> </ul>
Contribution to Mayoral Forum three-year work programme	<ul style="list-style-type: none"> <li>• A number of Canterbury Planning Managers are involved in the CWMS Fit for the Future steering group and have endorsed the 2025 and 2030 targets for Mayoral Forum consideration.</li> </ul>
Issues / risks / opportunities	<ul style="list-style-type: none"> <li>• The Ministry of Transport has been invited to the next CPMG on 14 June 2019 to outline the proposed Government Policy Statement on Land Transport (mark 11) however MoT is significantly coy in engaging on this topic.</li> </ul>

### Canterbury Planning Managers Group (CPMG)

<b>Purpose</b>	<ul style="list-style-type: none"> <li>• Provide support for a strong local government force on planning matters</li> <li>• Reduce duplication of planning effort</li> <li>• Support councils when assessing national and regional planning initiatives;</li> <li>• Practice working together in ways that support innovation, collaboration and joint initiatives.</li> </ul>
<b>Chair / Members</b>	Chair: Geoff Meadows – Waimakariri District Council Members: Planning Managers from the 10 territorial authorities and the regional council

### Sub-group for Recruitment of Planners into Local Government

<b>Purpose</b>	To explore innovation to recruit planners into Local Government in Canterbury
<b>Chair / Members</b>	Andrew Parrish (Ecan) and Timaru, Ashburton, Waimakariri and Christchurch City

### Work programme 2018–19

<b>What</b>	<b>Who</b>	<b>By when</b>	<b>Measures of success</b>	<b>Status</b>
Taking a broader approach through non-planning professions	Sub-group	Report back by 14 June 2019	Successful innovation or different approaches adopted	Work-in-progress

<b>Report from:</b>	Canterbury Regional Climate Change Working Group (CCWG)
<b>Date:</b>	12 April 2019
<b>Presented by:</b>	Sam Elder (Environment Canterbury) on behalf of Stefanie Rixecker (CCWG Chair)

## Recommendations

That the Canterbury Policy Forum:

- 1 **note** the progress achieved to date by the Canterbury Climate Change Working Group (CCWG)
- 2 **note** the establishment of the Canterbury Climate Change Steering Group (CCSG)
- 3 **provide feedback on** and **endorse** the CCWG's refreshed workplan (the Strategic Plan)
- 4 **note** the CCWG recommendation that the Strategic Plan is also adopted by the CCSG
- 5 **note** the importance of all partners contributing resource to deliver the Strategic Plan, including but not limited to appropriate representation on the CCWG
- 6 **agree** that partners consider and advise the CCWG Chair on resources they could contribute to the various workstreams
- 7 **note** that the future membership of the CCWG may need consideration in the light of the refreshed workplan
- 8 **note** that the CCWG will seek feedback at a future meeting on the purpose, scope and approach to the regional climate change risk assessment

Significant activities in this quarter	<p>Since the last update in October 2018, the CCWG has:</p> <ul style="list-style-type: none"> <li>• <b>shared learnings</b> between members on approaches to carbon emissions reporting and reduction; integrating climate change across an organisation's activities; and sustainability.</li> <li>• <b>collaborated with our partners and stakeholders</b>, in particular key staff from the Canterbury District Health Board attended our last meeting to share perspectives on climate change and explore how we might work together into the future.</li> </ul>
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	<ul style="list-style-type: none"> <li>• <b>continued to maintain the climate change calendar</b> on the Environment Canterbury website</li> <li>• <b>reviewed and refreshed our work programme</b> in response to the increased focus on climate change by Central and Local Government and our communities, the establishment of the Canterbury Climate Change Steering Group, and associated expectations and strategic priorities. The refresh also took in to account inherent resource constraints and hence the need to leverage work underway or planned by partner organisations. The resulting CCWG Strategic Plan is outlined in Appendix A.</li> </ul>
<p>Contribution to Mayoral Forum three-year work programme</p>	<p>The Canterbury Climate Change Working Group is enabling the following tasks in the three-year work programme:</p> <p>Natural hazard risk management (in partnership with the Regional Working Group for Managing Natural Hazard Risk), specifically <i>monitor natural hazards management reform that includes climate change impacts, mitigation and adaptation and possible emergence of an National Policy Statement for Natural Hazards</i></p> <p>To date the CCWG has achieved the following:</p> <ul style="list-style-type: none"> <li>• <b>built a common understanding</b> of where each member organisation is at in their understanding of and response to climate change</li> <li>• <b>advocated for Canterbury</b> by submitting to the Productivity Commission’s Low Emissions Economy Report and sharing our submissions on the Our Climate Your Say with each other so we can build on each other’s advocacy</li> <li>• <b>shared learnings</b> between members on approaches to sustainability and carbon emissions reduction.</li> <li>• <b>supported member organisations</b> as they conduct and release their own internal carbon assessments</li> <li>• <b>learned together</b> through attending the Ministry for the Environment workshop on applying the Coastal Hazards and Climate Change Guidance</li> <li>• <b>held ourselves to account</b> by refreshing our work programme in response to expectations, needs and resourcing available from members</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>collaborated with our partners and stakeholders</b>, in particular learning from Ngāi Tahu about their Climate Change Strategy and impact analysis, and starting to connect with the Canterbury District Health Board to share perspectives on climate change and explore how we might work together into the future.</li> <li>• <b>established a climate change calendar</b> on the Environment Canterbury website</li> <li>• <b>engaged</b> with experts including the Climate Change Adaptation Technical Working Group</li> </ul>
<p>Issues / risks / opportunities</p>	<p><b>Opportunities:</b></p> <ul style="list-style-type: none"> <li>• The refreshed strategic plan reflects the CCWG’s view of the key opportunities for partners to collaborate on climate change matters for the benefit of the region. It will be important to ensure that the Strategic Plan aligns with the priorities set by the newly established Canterbury Climate Change Steering Group.</li> <li>• There is an opportunity to reshape the membership of the CCWG to ensure members have the expertise and mandate within their organisations required to deliver the refreshed Strategic Plan. It is recommended that the Chief Executives Group consider future CCWG membership with this in mind.</li> </ul> <p><b>Risks &amp; Issues:</b></p> <ul style="list-style-type: none"> <li>• If the newly established CCSG is not tightly connected and aligned with the CCWG then there may be duplication, inefficiencies and mis-alignment between the two groups. To mitigate this risk, it is recommended that the Strategic Plan developed by the CCWG is considered and adopted by the CCSG.</li> <li>• If partners do not commit adequate resources to deliver the plan, then the strategic objectives outlined will not be achieved. To mitigate this risk it is recommended that all partners consider and advise the Working Group on resources they can contribute to the various workstreams.</li> </ul>

## Canterbury Climate Change Working Group

<b>Purpose</b>	To develop a shared understanding of the implications of climate change for Canterbury, and strategies to manage the associated threats and opportunities
<b>Chair / Members</b>	Stefanie Rixecker (ECan), Teresa Wooding (CCC), Stephanie Chin (Hurunui), Sam Elder (ECan), Toni Durham (Ashburton), Amit Chauhan (Selwyn), Geoff Meadows (Waimakariri), Kevin McDonnell (CCC)

## Work programme 2018–19

The refreshed Strategic Plan is attached in Appendix A. Below is a summary of the FY18/19 activities.

### *Objective A – Capacity Building*

<b>What</b>	<b>Who</b>	<b>By when</b>	<b>Measures of success</b>	<b>Status</b>
<p>Share information and leverage opportunities to build a common understanding of climate change amongst partner staff and governance, and within our communities. Grow our collective regional capacity to manage climate change risks and impacts.</p> <ul style="list-style-type: none"> <li>• <b>Priority Initiative A1:</b> Continue to share information about climate change (policies, research, methods and tools, events, etc) amongst partners, and with our communities</li> </ul>	All	On-going	Feedback from CPF / CEF on the value of the information shared between partners	In progress

### *Objective B - Adaptation*

<b>What</b>	<b>Who</b>	<b>By when</b>	<b>Measures of success</b>	<b>Status</b>
Build and maintain a shared understanding of the likely direct climate change impacts and risks to our region. Lead the development and implementation of a prioritised, collaborative adaptation plan.	Environment Canterbury	September 2019	Acceptance by CCSG	In progress

<ul style="list-style-type: none"> <li>• <b>Priority Initiative B1:</b> Compile a regional climate change risk / impact scan (literature review). (FY18/19)</li> </ul>				
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*Objective C - Transition*

<b>What</b>	<b>Who</b>	<b>By when</b>	<b>Measures of success</b>	<b>Status</b>
<p>Lead by example in emissions reduction. Build and maintain a shared understanding of the key regional threats and opportunities associated with transition to a low emission economy. Collaborate with others to support a just transition.</p> <ul style="list-style-type: none"> <li>• <b>Priority Initiative C1:</b> Continue to support councils to understand their in-house carbon emissions footprint and strategies to reduce this. (Q4 18/19)</li> </ul>	All	On-going	Number of councils with emissions reporting in place	In progress

*Objective D – Advocacy and Engagement*

<b>What</b>	<b>Who</b>	<b>By when</b>	<b>Measures of success</b>	<b>Status</b>
<p>Influence national policy and guidance on adaptation and transition matters to ensure that Canterbury’s position is understood.</p> <ul style="list-style-type: none"> <li>• <b>Priority Initiative D1:</b> Work with the Regional Climate Change Steering Group to engage with Central Government on climate change matters, including through submissions on the ZCB and other significant climate change legislation.</li> <li>• <b>Initiative D2:</b> Work with the Regional CC Steering Group to build a relationship with the insurance industry and other key stakeholders, to better understand their position and associated implications for Canterbury.</li> </ul>	All	On-going	Submissions on key Government consultations	In progress

## Appendix A

### Canterbury Regional Climate Change Working Group Strategic Plan (Draft)

#### **Strategic Plan (for consideration by the Canterbury Regional Climate Change Steering Group, agreed by CCWG on 27 February 2019)**

**Vision:** Canterbury is resilient to the direct impacts of climate change and experiences a just and equitable transition to a low emission future.

**Purpose:** To develop a shared understanding of the implications of climate change for Canterbury, and strategies to manage the associated threats and opportunities

**Objective A: Capacity & capability building – Share information and leverage opportunities to build a common understanding of climate change amongst partner staff and governance, and within our communities. Grow Canterbury’s collective capacity to manage climate change risks and impacts.**

- Priority Initiative A1: Continue to share information about climate change (policies, research, methods and tools, events, etc) amongst partners, and with our communities.

**Objective B: Adaptation – Build, learn and maintain a shared understanding of the direct climate change impacts and risks to Canterbury. Lead the development and implementation of a prioritised, collaborative adaptation plan.**

- Priority Initiative B1: Compile a climate change risk / impact scan (literature review) for Canterbury. (FY18/19)
- Initiative B2: Complete an initial climate change risk assessment (including capturing existing adaptation plans) for Canterbury. (FY19/20)
- Initiative B3: Identify critical gaps in understanding of impact / risk or adaption planning, and develop a prioritised programme to address these. (FY20/21)

**Objective C: Transition & mitigation – Lead by example in emissions reduction. Build and maintain a shared understanding of the key threats and opportunities associated with transition to a low emission future for Canterbury. Collaborate with others to support a just and equitable transition.**

- Priority Initiative C1: Continue to support councils to understand their in-house carbon emissions footprint and strategies to reduce this. (Q4 18/19)
- Initiative C2: Identify key threats and opportunities associated with transition and opportunities for partners to support a just and equitable transition for Canterbury. (FY19/20 onwards)

**Objective D: Advocacy & Engagement – Influence national policy and guidance on adaptation and transition matters to ensure that Canterbury’s position is understood.**

- Priority Initiative D1: Work with the Regional Climate Change Steering Group to engage with Central Government on climate change matters, including through submissions on the ZCB and other relevant climate change legislation.
- Initiative D2: Work with the Regional Climate Change Steering Group to strengthen our partnership with Ngāi Tahu and build relationships with key stakeholders (CDHB, insurance industry, farming industry) to better understand their position and the associated implications for Canterbury.

#### **KPIs:**

- (To be developed)

<b>Report from:</b>	Compliance, Monitoring and Enforcement (CME) Group
<b>Date:</b>	12 April 2019
<b>Presented by:</b>	Tracy Tierney

## Recommendations

That the Canterbury Policy Forum:

- 1 recommend to the Canterbury Chief Executives Forum that they invite the CME Group to discuss work completed to date, challenges and next steps.

Significant activities in this quarter	<ul style="list-style-type: none"> <li>• Successful presentation of the Canterbury Strategic Compliance Framework to the Mayoral Forum</li> </ul>
Contribution to Mayoral Forum three-year work programme	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Issues / risks / opportunities	<ul style="list-style-type: none"> <li>• It is still early days however it appears that not all Councils are showing active support of the strategy at the right level which could undermine the Canterbury wide consistent approach to CME</li> <li>• Timely to check back in with the CE Forum to get feedback on work to date and next steps, to clarify what success looks like to them.</li> </ul>

## Compliance, Monitoring and Enforcement (CME) Working Group

<b>Purpose</b>	Establish regional consistency regarding principles and approach to compliance, monitoring and enforcement
<b>Chair / Members</b>	Tracy Tierney, Chair (Timaru) Ian Hyde (Ashburton), Nick Daniels and James Tricker (Environment Canterbury), Paul Cooper (Timaru), Andrew Brown (Hurunui), Mark Mitchell (Kaikoura), Nick Harrison (Waimakariri), Leonie Rae (Christchurch), Tracey Weston (Christchurch), Billy Charlton (Selwyn), Karina Morrow (Mackenzie), Tim Harris (Selwyn), Matt Hoggard (Kaikoura), Paul Cooper (Waimate)

### Work programme 2018–19

What	Who	By when	Measures of success	Status
Agree a Canterbury wide Strategic Compliance Strategy based on the Regional Sector Framework and Draft MfE Best Practice Guidelines for CME	Tracy Tierney Leonie Rae	Recommendation 28/6/18. <b>Completed</b>	All TAs are signatories to the strategy	Endorsed by the Canterbury Chief Executives Forum 6 August 2018
Collate, share then agree standard best practice templates/processes to support the strategy to be implemented in each TA	Ian Hyde & Paul Cooper	Tool box by 28/9/18 <b>Toolbox created.</b> <b>Next steps:</b> <b>Develop an effective Compliance Professionals Network by December 2019</b>	An agreed suite of processes, aligned to the Compliance Strategy, are used by all TAs	28/3/19 ½ day workshop to be developed for compliance staff to: -Imbed the compliance strategy -create networks/share expertise & resources -agree toolbox access an ownership - agree professional development programme <b>Planned for July</b>

<p>Identify training and professional development opportunities that will support the key competencies required for effective CME implementation</p>	<p>Andrew Brown Tracey Weston</p>	<p>Training needs plan drafted by 28/9/18 <b>Professional Development Programme guidelines developed.</b> <b>Next Steps:</b> <b>Training calendar &amp; input form compliance network</b></p>	<p>Agreed pathway for professional development of CME staff</p>	<p>28/3/19 Development Programme will be shared and further refined at the Compliance workshop in July.</p>
<p>Develop a consistent approach and messaging for public education and communication across Canterbury</p>	<p>Mark Mitchell Billy Charlton Nick Daniels</p>	<p>Education programme drafted by 28/9/18 <b>Have completed presentation to Mayoral Forum to gain support for the strategy.</b> <b>Next steps:</b> <b>Identify combined Canterbury wide education opportunities</b></p>	<p>Strategy understood and supported by elected members Consistent messaging on our all websites, Canterbury wide public education programme on agreed priority areas.</p>	<p>28/3/19 Successful presentation to the Mayoral forum with good level of engagement and support shown for community 'guardians' focus. Request received to develop an induction presentation for new Councils post the 2019 election. Offer to provide the same workshop to individual Councils made.</p>

<p>Address resourcing needs across the region to effectively implement the strategy focusing on the priorities of each Council.</p>	<p>Tracy Tierney</p>	<p>Three Councils (who have historically had no or limited CME resource) so far have approval or indicative support for additional CME resource</p>	<p>Group to determine what information it would be useful to collect and share to show trends that reliably inform whether the strategy is being implemented effectively.</p>	<p>28/3/19 Additional resource has been added where needed in some Councils, but not all some are facing a reduction which is disappointing. There appears to be a varied level of ownership and drive to implement the strategy between Councils. Keen to update the CE Forum and get feedback on work to date and next steps. The proposed Compliance Professionals Network will support sharing of resources, skills and knowledge.</p>
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