

Strategy and Planning Committee Agenda

13 October 2021



Meeting is held in the Council Chamber, Level 2, Philip Laing House
144 Rattray Street, Dunedin

Members:

Cr Gretchen Robertson, Co-Chair	Hon Cr Marian Hobbs
Cr Kate Wilson, Co-Chair	Cr Carmen Hope
Cr Hilary Calvert	Cr Gary Kelliher
Dr Lyn Carter	Cr Michael Laws
Cr Michael Deaker	Cr Kevin Malcolm
Mr Edward Ellison	Cr Andrew Noone
Cr Alexa Forbes	Cr Bryan Scott

Senior Officer: Sarah Gardner, Chief Executive

Meeting Support: Dianne Railton, Governance Support

13 October 2021 10:30 AM

Agenda Topic	Page
1. APOLOGIES No apologies were received prior to publication of the agenda.	
2. PUBLIC FORUM No requests to address the Committee under Public Forum were received prior to publication of the agenda.	
3. CONFIRMATION OF AGENDA Note: Any additions must be approved by resolution with an explanation as to why they cannot be delayed until a future meeting.	
4. CONFLICT OF INTEREST Members are reminded of the need to stand aside from decision-making when a conflict arises between their role as an elected representative and any private or other external interest they might have.	
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7.3	COSY HOMES TRUST ANNUAL REPORT 2021	30
	To fulfil article 6.1.6 of the Memorandum of Understanding (MoU) between ORC and the Cosy Homes Trust (CHT), that an annual programme activity report be submitted to ORC.	
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7.4	OTAGO GREENHOUSE GAS (GHG) PROFILE UPDATE	38
	To address resolution DAIC21-101 made by the Data and Information Committee on 9 June 2021: Refer this report to the 13 October Strategy and Planning Committee meeting to review the five-metre tree rule and other methods of capturing carbon sequestering of tussocks, soil, and other horticultural activity.	
7.5	LWRP GOVERNANCE GROUP UPDATE - OCTOBER 2021	43
	The report is to provide an update from the LWRP Governance Group.	
7.5.1	Attachment 1: LWRP Governance Group Update	44
8.	CLOSURE	



Minutes of a meeting of the Strategy and Planning Committee
held in the Council Chamber
on Wednesday 11 August 2021 at 1:00 PM

Membership

Cr Gretchen Robertson (Co-Chair)
Cr Kate Wilson (Co-Chair)
Cr Hilary Calvert
Dr Lyn Carter
Cr Michael Deaker
Mr Edward Ellison
Cr Alexa Forbes
Hon Cr Marian Hobbs
Cr Carmen Hope
Cr Gary Kelliher
Cr Michael Laws
Cr Kevin Malcolm
Cr Andrew Noone
Cr Bryan Scott

Welcome

Chairperson Wilson welcomed Councillors, members of the public and staff to the meeting at 1:06 pm. Staff present included Sarah Gardner (Chief Executive), Nick Donnelly (GM Corporate Services), Gwyneth Elsum (GM Strategy, Policy and Science), Gavin Palmer (GM Operations), Amanda Vercoe (GM Governance, Culture and Customer), Dianne Railton (Governance Support), and Sylvie Leduc (Senior Strategy Analyst), Andrea Howard (Manager Environmental Implementation) and Shayde Bain (Communications Advisor)

1. APOLOGIES

Resolution: Cr Wilson Moved, Cr Hope Seconded

That the apology for Cr Robertson be accepted.

Motion Carried

2. PUBLIC FORUM

There was one request to speak at Public Forum, from Mr Ray Parker, who was unable to speak at the next scheduled Finance Committee meeting on 25 August 2021. Mr Parker spoke about issues relating to rating and how ORC rate, specifically for flood and drainage systems in the West Taieri area.

3. CONFIRMATION OF AGENDA

The agenda was confirmed as published.

4. CONFLICT OF INTEREST

No conflicts of interest were advised.

5. PRESENTATIONS

Dr Ini-Isabée Gunn, Principal Advisor Ecology, Biosecurity and Biodiversity, Land Information New Zealand (LINZ) and Mary de Winton, Freshwater Ecologist from NIWA, updated the Committee on the Otago Aquatic Programme and spoke to their presentation.

6. CONFIRMATION OF MINUTES

Resolution SP21-111: Cr Noone Moved, Cr Hope Seconded

That the minutes of the meeting held on 7 July 2021 be received and confirmed as a true and accurate record.

Motion Carried

Cr Scott left the meeting at 2:16 pm.

Cr Kelliher left the meeting at 2:17 pm.

7. ACTIONS

The report on the resolutions of the Strategy and Planning Committee was reviewed.

Cr Kelliher returned to the meeting at 2:19 pm.

Cr Scott returned to the meeting at 2:22 pm.

Cr Laws left the meeting at 2.30pm.

8. MATTERS FOR CONSIDERATION

8.1. Natural and Built Environments Act (NBA) Exposure Draft Submission

The report was to inform the Committee of ORC's submissions to the Inquiry on the Natural and Built Environments Bill: Parliamentary paper. Gwyneth Elsum (GM Strategy, Policy and Science) and Sylvie Leduc (Senior Strategic Analyst) were present to speak to the report and respond to questions. Cr Wilson thanked staff for their work on the submissions.

Resolution SP21-111: Cr Calvert Moved, Cr Hobbs Seconded

That the Committee:

- 1) **Notes** the following submissions were made to the Inquiry on the Natural and Built Environments Bill: Parliamentary paper:
 - a. ORC's individual submission; and
 - b. The joint submission ORC is a signatory of, along with the other Otago-Southland Councils.
- 2) **Nominates** Chair Noone as ORC spokesperson to the Select Committee Hearing on the inquiry.

Motion Carried

Cr Laws returned to the meeting at 2.35pm

9. RESOLUTION TO EXCLUDE THE PUBLIC**Resolution: Cr Wilson Moved, Cr Kelliher Seconded**

That the public be excluded from the following parts of the proceedings of this meeting, namely:

- Minutes of the public excluded Strategy and Planning Committee held on 12 May 2021.

Motion Carried

The general subject of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter, and the specific grounds under [section 48\(1\)](#) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

General subject of each matter to be considered	Reason for passing this resolution in relation to each matter	Ground(s) under section 48(1) for the passing of this resolution
<i>Minutes of the 12 May 2021 public-excluded Strategy and Planning Committee meeting</i>	<p>To protect information which is subject to an obligation of confidence or which any person has been or could be compelled to provide under the authority of any enactment, where the making available of the information— would be likely to prejudice the supply of similar information, or information from the same source, and it is in the public interest that such information should continue to be supplied – Section 7(2)(c)(i)</p> <p>To protect information which is subject to an obligation of confidence or which any person has been or could be compelled to provide under the authority of any enactment, where the making available of the information—</p>	<p>Section 48(1)(a) - Subject to subsection (3), a local authority may by resolution exclude the public from the whole or any part of the proceedings of any meeting only on 1 or more of the following grounds:</p> <p>(a) that the public conduct of the whole or the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist.</p>

	<p>would be likely otherwise to damage the public interest – Section 7(2)(c)(ii)</p> <p>To maintain legal professional privilege – Section 7(2)(g)</p> <p>To enable any local authority holding the information to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations) – Section 7(2)(i)</p>	
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This resolution is made in reliance on [section 48\(1\)\(a\)](#) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by [section 6](#) or [section 7](#) of that Act or [section 6](#) or [section 7](#) or [section 9](#) of the Official Information Act 1982, as the case may require, which would be prejudiced by the holding of the whole or the relevant part of the proceedings of the meeting in public.

10. CLOSURE

There was no further business and Chairperson Wilson declared the meeting closed at 2:35pm.

Chairperson

Date

DRAFT MINUTES

ACTION REGISTER – OUTSTANDING RESOLUTIONS OF THE STRATEGY & PLANNING COMMITTEE MEETINGS AT 13 OCTOBER 2021

Meeting Date	Item	Status	Action Required	Assignee/s	Action Taken	Due Date
01/12/2020	P&S1885 ORC Role in South Dunedin/Harbourside Adaptation collaboration with DCC	In Progress	Progress collaboration with DCC to deliver the South Dunedin/Harbourside natural hazards adaptation programme as in Option 3 and report back to Council.	Chairperson	<p>26/01/2021 Committee Secretary</p> <p>Date to be set for initial meeting between Chair Noone, Mayor Hawkins and staff.</p> <p>6/05/2021 Executive Assistant</p> <p>Chair Noone advised he had spoken with DCC Mayor Hawkins who is waiting on a formal position from Councillors</p> <p>12/07/2021 Governance Support Officer</p> <p>That Chair Noone formally write to DCC requesting a discussion held on the action point South Dunedin Harbourside Adaptation Programme</p> <p>4/08/2021 Governance Support Officer</p> <p>Chair Noone wrote to the DCC and a meeting has been scheduled in the Mayor's office on Tuesday 31 August, which Cr Noone, Sarah Gardner and Gavin Palmer will attend.</p>	28/02/2021

7.1. TAG Report

Prepared for:	Strategy and Planning Committee
Report No.	SPS2157
Activity:	Governance Report
Author:	Gwyneth Elsum, General Manager Strategy, Policy and Science
Endorsed by:	Gwyneth Elsum, General Manager Strategy, Policy and Science
Date:	13 October 2021

PURPOSE

- [1] For TAG to report to Strategy & Planning Committee on progress towards finalising the required science for the Manuherehia catchment.

EXECUTIVE SUMMARY

- [2] At the meeting on 25 August 2021, Council resolved to “that the Technical Advisory Group (TAG) be requested to provide regular reports to the Strategy and Planning Committee on progress towards finalising the required science for the Manuherehia catchment”.
- [3] Attached to this paper (Attachment 1) is the first report to the Strategy and Planning Committee from TAG.

RECOMMENDATION

That the Committee:

- 1) **Notes** this report.

BACKGROUND

- [4] TAG was established in early 2019 with the purpose of the TAG is to support the Otago Regional Council and Manuherehia Reference Group (“MRG”) with science and technical advice for the Manuherehia Catchment.
- [5] TAG is made up of the following members:
- Aukaha
 - Department of Conservation
 - Fish & Game
 - Omakau Area Irrigation Company
 - Otago Water Resource Users Group; and
 - Otago Regional Council
- [6] All members can nominate one representative except for ORC which can nominate two. ORC also provides the Chair and secretariat services.
- [7] TAG met regularly throughout 2019, 2020 and the first half of 2021 (a total of 16 meetings). At these meeting reviewed technical studies to do with the Manuherehia and provided advice. A TAG representative also participated in meetings of the Manuherehia Reference Group.
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- [8] TAG met again in September 2021. The minutes of that meeting are attached to this paper (Attachment 2).

CONSIDERATIONS

Strategic Framework and Policy Considerations

- [9] The activities of TAG are consistent with the following ORC roles as articulated in the Strategic Directions:
- Monitor and investigate the health of Otago's ecosystems
 - Provide the best available information on Otago's ecosystems
 - Monitor and investigate the health of Otago's fresh and coastal water, and the region's soil resources
 - Provide the best available information on Otago's water, land and coastal resources
- [10] The NPSFM requires regional councils to set limits for resources use. Rules for restrictions on allowed takes (minimum flows) and discharges to achieve environmental flows are required to be set as rules in the new Land and Water Plan. The limits need to be consistent with the NPSFM 2020 framework and Te Mana o te Wai hierarchy of obligations.
- [11] ORC has committed to the Minister for the Environment to notify a new fit-for-purpose Land and Water Plan by December 2023.

Financial Considerations

- [12] Funding of TAG's activities or any further work the Group may advise ORC to undertake have not been budgeted for this financial year.

Significance and Engagement Considerations

- [13] Not applicable.

Legislative and Risk Considerations

- [14] Not applicable.

Climate Change Considerations

- [15] Technical work relating to climate change has been undertaken on the Manuherekia. The findings were that over a 10-year timeframe potential flow changes due to climate change were expected to be within historic flow variability and it was not considered necessary to specifically consider climate change when developing flow regimes for the Manuherekia catchment. However, recent Intergovernmental Panel on Climate Change Report highlighted significantly increased rates of change and would be expected to have an impact on the findings of this work.

Communications Considerations

- [16] Not applicable.

NEXT STEPS

- [17] TAG is meeting again in November and will report back to the Strategy & Planning Committee accordingly.

ATTACHMENTS

1. TAG Report to ORC Council - S&P Committee - October 2021 [7.1.1 - 4 pages]
2. Minutes Manuherekia TAG - 23 September 2021 [7.1.2 - 4 pages]

TAG Report to ORC Council

Strategy & Planning Committee October 2021

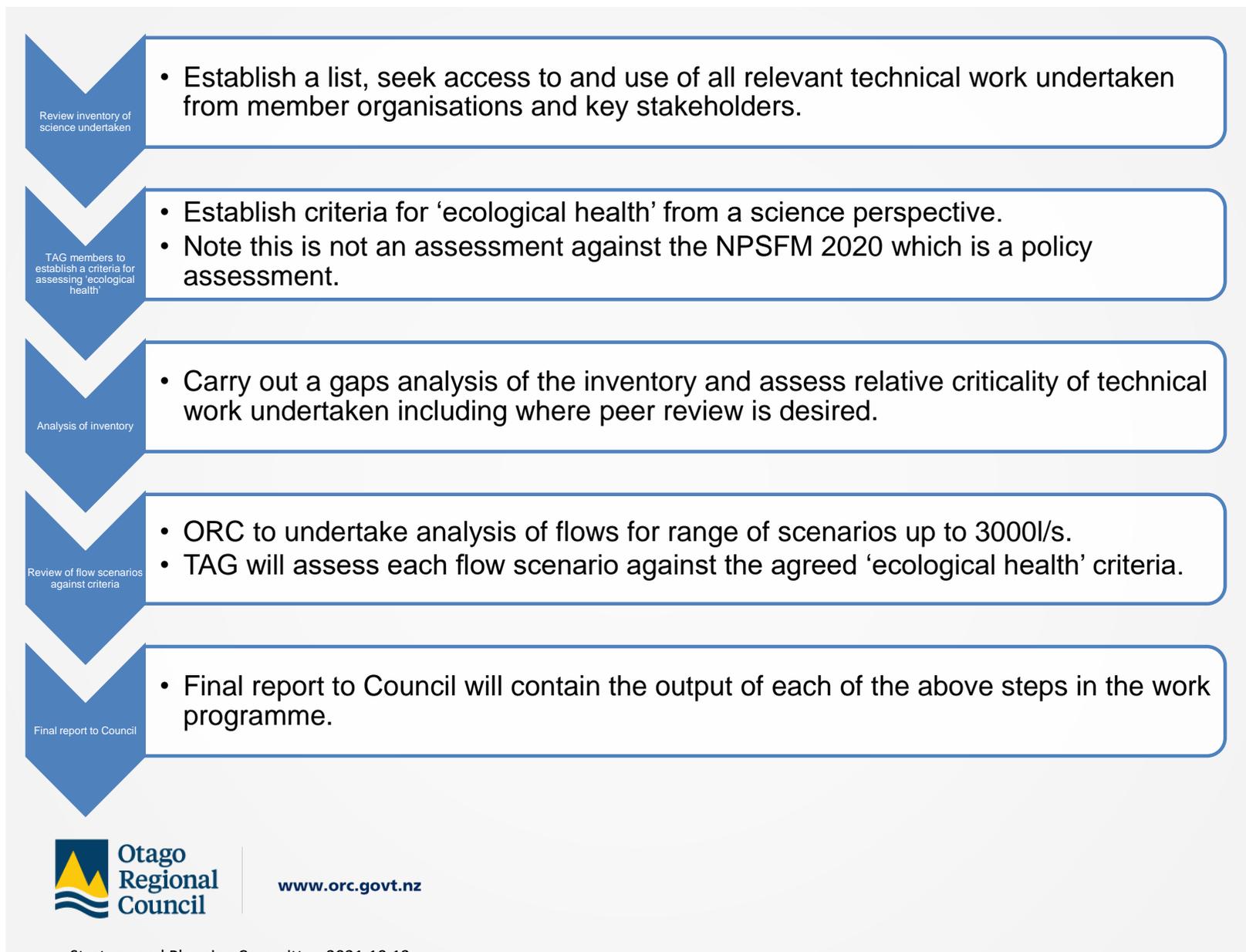


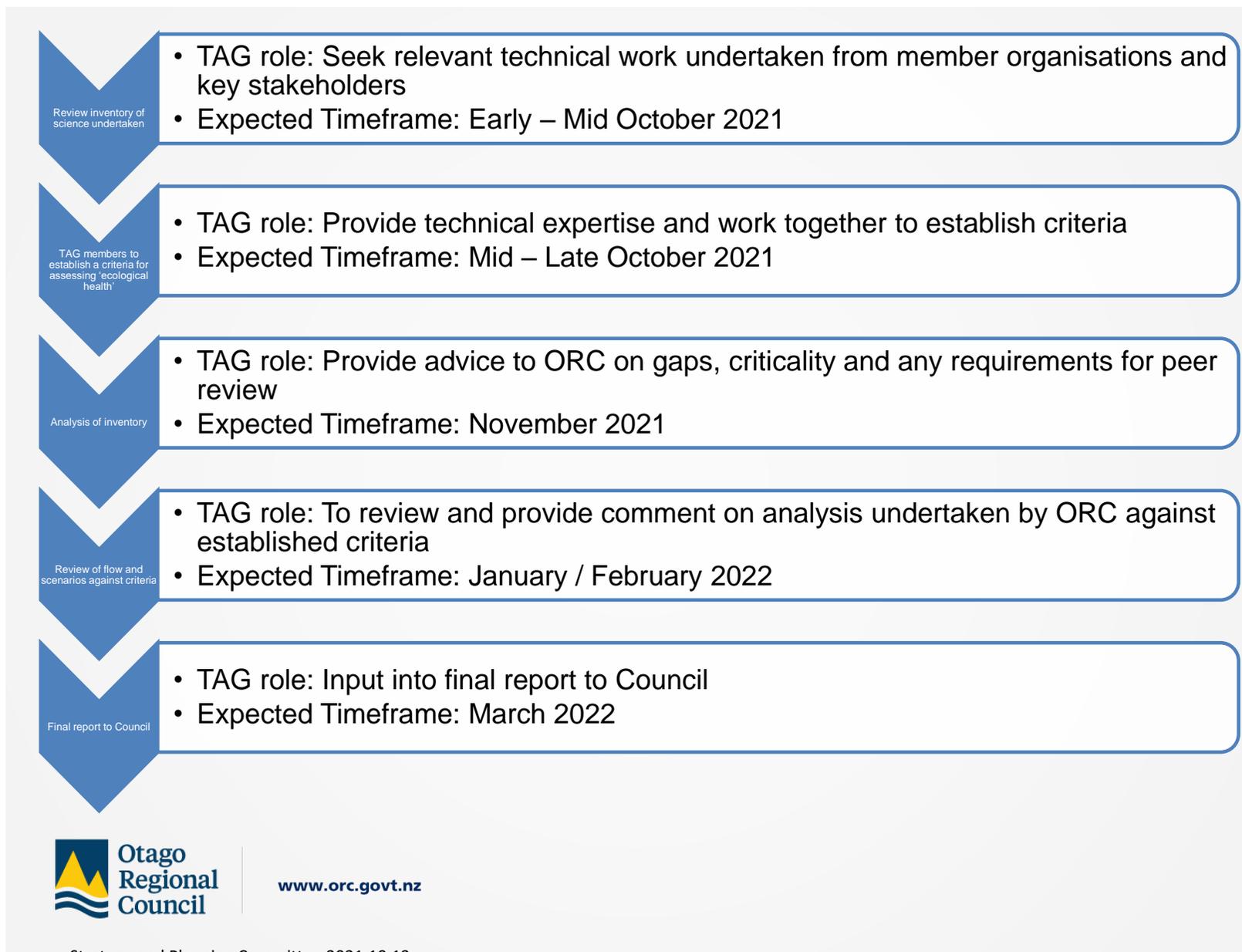
www.orc.govt.nz

Strategy and Planning Committee 2021.10.13

Overview

- ❑ On 25 August Council resolved to:
 - *“that the Technical Advisory Group (TAG) be requested to provide regular reports to the Strategy and Planning Committee on progress towards finalising the required science for the Manuherehia catchment”.*
- ❑ This constitutes TAG’s first report to Council.
- ❑ This report contains:
 - A forward work programmes agreed to by TAG members (slide 3);
 - The role of TAG in each step of this work programme (slide 4); and
 - Expected timeframes for completion (slide 4).
- ❑ All timeframes in this report are subject to no further work, other than that currently underway, needing to be commissioned.
- ❑ Work currently underway includes:
 - Documentation and review of the hydrology model
 - Cawthron Institute responding to TAG concerns on drift studies





Manuherikia [Manuherekia] Technical Advisory Group (TAG)
Minutes of meeting held Thursday 23 September 2021
1:00pm – 2:30pm
Harbour Meeting Room, Otago Regional Council, Dunedin

- Present:** Gwyneth Elsum (ORC - Chair)
 Richard Allibone (ORC)
 Matt Hickey (ORUG)
 Korako Edwards (Aukaha)
 Amanda Keach (ORC - secretariat)
- Via Teams:** Roger Williams (Omakau Area Irrigation Company)
 Jacob Williams (DOC)
 Ian Hadland (Fish & Game)
 Pete Ravenscroft (ORC)

1. Welcome & introductions

The meeting began with everyone introducing themselves and stating what their technical knowledge and areas of expertise are.

Gwyneth Elsum – General Manager, Strategy, Policy and Science at ORC. Gwyneth will be replacing Julie as Chair of TAG going forward.

Richard Allibone – Contracted to ORC. Fisheries Ecologist, Habitat Modeller. Can work on Invertebrates.

Matt Hickey – Freshwater Ecology/Hydrology. Background in habitat modelling, flow setting and some water quality work for 6A.

Korako Edwards – Environmental Advisor for Aukaha. Background in Ecology.

Pete Ravenscroft – Team Leader Biodiversity at ORC. Freshwater Ecologist with a long-term involvement in the Manuherekia, leading some of the science for the ecology and supporting hydrology.

Ian Hadland – Chief Executive for Fish & Game. 35 years wildlife management & freshwater management experience. Replacing Morgan Trotter in the group. Representative may switch to their new Ecologist if required.

Roger Williams – 33 years' experience working on Omakau Irrigation and Falls Dam, working with the Manuherekia and tribs. Prior to that, worked on Hawkdun irrigation.

Jacob Williams – Freshwater Technical Advisor at DOC. Background more in hydrology plus general freshwater ecology as well.

Apologies

There were no apologies.

Conflict of Interest

A conflict of interest form was circulated with the agenda for new members to complete and existing members to provide an updated copy. The Chair was asked to clarify what purpose this might serve and what is regarded as a conflict. There is some confusion as most of the organisations involved will have a perceived conflict. It is up to individuals to declare conflicts they might have. The ToR allow the Chair to manage declared conflicts if she thinks it is necessary. It is about transparency around any financial or perceived conflicts of interest. This group is a Technical Advisory Group not an Advocacy Group. As the membership is made up of organisations, the expectation is members will declare who they work for and any other interests they

may have in the Manuherekiā. TAG won't have a role beyond notification of the LWRP to allow member organisations to participate in the post-notification processes. If there is no consensus on certain decisions, the group can vote and note what the vote split was. It should not be seen as a criticism if TAG can't reach consensus.

2. Review notes of previous meeting 08.07.21

There was another meeting held between the last meeting and this one which Pete organised to develop the statement requested by ORC councillors where no notes were taken.

The notes of the previous meeting held on 08.07.21 were accepted.

Two corrections to be made under item 7:

- I. The bullet point "*MCI increased habitat with increased flow (same as in invertebrate drift study)*" should read "*Macroinvertebrate habitat increased with increased flow (same as in invertebrate drift study)*".
- II. The last section "*SETA model sufficient for just lower river*" should be "*SEFA*".

It was agreed the action under item 4 for an update on the exemplar catchments to be a standing item is no longer necessary.

It was noted the minutes need to be circulated faster following each meeting.

3. Agree scope of reporting to ORC's Strategy & Planning Committee meetings

TAG agreed the following three key areas important to the scope of work:

- I. Invertebrate drift study
- II. Hydrology model
- III. Habitat modelling including tribes

TAG have the tools and the models. Advice on setting minimum flow is the Policy Team's decision. There is a suite of technical information required to make assessments of impacts of flow on the river – the habitat, hydrology and drift models, fish passage and temperature modelling have also been done. These could be put in a suite of work used to assess the impacts and outcomes of different flows. An inventory needs to be done of what the group has and where it is at, to confirm if we're comfortable that is what is needed and if anything is missing.

Peer reviewing is a standard science process, TAG should provide advice on what needs to be peer reviewed and when.

Getting the hydrology model right and running the habitat modelling is required before applying any ecological health criteria. For each scenario a discussion is needed about the outputs of the ecological health and the range of views on what that would deliver.

TAG to give their assessment of ecological outcome including where possible 'ecological health' to the Policy Team to decide if the minimum flow required meets the NPS-FM. It's not TAGs role to decide compliance to NPSFM.

Actions:

- I. Create a full inventory list of the technical info TAG has access to including technical information available from each of the organizations represented on TAG. The inventory would include the status of the technical information (is it draft or completed, has it been peer reviewed, limitations etc).
- II. Inventory list to be adopted at next meeting from the inventory
- III. Decide if there is anything missing
- IV. Decide whether or not the information contained in the inventory needs to be peer reviewed
- V. Discuss what defines 'ecological health' at next meeting and how do we apply that

4. Trib modelling – agree next steps

The agenda item was focused on two habitat models for Lauder and Thomsons Creeks that were commissioned by MCG. Discussion was had as to whether TAG should ask for all technical work relevant to flow setting in the mainstem or tributaries from all parties and stakeholders.

- TAG to formally ask MCG for all ecological and hydrological data and habitat models for the mainstem and tributaries.
- Jacob to find out if his team have anything new in the tribs or Manuherekia.
- TAG to request this from all representative organisations.

5. Process discussion

The role of TAG is to be the forum to ask questions and have discussions but not peer review, this will be outsourced. Where we don't have the expertise at the table, the role of TAG is to check that the process has been followed and if a peer review is needed. It is more about process than content except with ecological assessments. TAG can provide technical advice on ecological outcomes including ecological health.

Resolution from Council is that TAG report into the Strategy and Planning Committees. It is on the planner for every meeting, but it doesn't have to be every meeting. Gwyneth to work with staff on the timing of when we will report back.

Everyone was happy for the information to go up as a report.

Agreement on the output was discussed. A draft report will be created and circulated in parallel with the minutes. For the next October Strategy and Planning Committee this would state our plan and what was discussed today around scope and role of TAG. Report to be finalised by email and it would be noted who/if anyone doesn't agree.

For the November Strategy and Planning Committee we should have feedback from Cawthron on the Invertebrate Drift Study. The hydrology might be a bit later.

6. General business

Agenda items for next TAG meeting to be held mid-October:

- Adopt inventory of technical info complete or still to be done
- Decide what needs to be peer reviewed
- Invertebrate Drift Study

Cawthron update

Cawthron have been asked to respond to Dr Dean Olsen's comments and to provide some advice on whether it would be worth repeating the Invertebrate Drift Study. It is

unlikely to happen this field season if it needs to be repeated. It would be worthwhile flagging to Council the risks e.g., we are dependent on any work being carried out at level 2 or lower.

Meeting closed 2.35pm.

7.2. Strategic Directions - Approval

Prepared for:	Strategy and Planning Committee
Report No.	SPS2139
Activity:	Governance Report
Author:	Sylvie Leduc, Senior Strategic Analyst
Endorsed by:	Gwyneth Elsum, General Manager Strategy, Policy and Science
Date:	13 October 2021

PURPOSE

- [1] To adopt ORC's Strategic Directions.

EXECUTIVE SUMMARY

- [2] ORC developed draft Strategic Directions in 2020, as an initial step in the preparation of the Long-Term Plan 2021-2031 (LTP).
- [3] Beyond its role in laying the ground for the LTP, the Strategic Directions are central to ORC's identity in that they document the organisation's aspirations, commitments, and values. They affect the whole organisation, how it communicates about itself, and how it measures its performance.
- [4] The draft Strategic Directions were first approved in principle at a Strategy and Planning Committee workshop in August 2020. It was then agreed that final approval would follow from the preparation of the LTP, to ensure alignment between the two documents. A few amendments to this initial draft are proposed for this specific purpose (see Appendix 2).
- [5] Following the final approval of the Strategic Directions, they will be embedded in ORC's organisational processes, and in its communication to the public.

RECOMMENDATION

That the Committee:

- 1) **Adopts** ORC's Strategic Directions in Appendix 1.

BACKGROUND

- [6] ORC's Strategic Directions is a key document, that sets out ORC's intent, purpose, and identity. It addresses both what ORC seeks to achieve, and what it aspires to be as an organisation. In particular:
- a. It sets out the vision for Otago that ORC seeks to achieve or promote; its mission, and the activities it will carry out to achieve its vision
 - b. It also outlines a vision for the organisation, the commitments and values that will achieve this vision, and key principles for a high performing organisation.
- They are the single reference document that provides the foundation for corporate planning; communication; and organisational culture.
- [7] In practice, ORC's Strategic Directions affect everyone at ORC:

- a. All activities or projects carried out at ORC should be within the ambit of the activities described in the Strategic Directions.
 - b. In everything it does, ORC must fulfil the Strategic Direction's commitments. These commitments must be translated in project plans, key performance indicators and all engagement, communication, and customer experience processes.
 - c. Staff and other ORC representatives will embody ORC's values in their dealings with others.
 - d. Human resources policies and processes, financial management, and business systems and processes will implement the principles for a high performing organisation.
- [8] A clear Strategic Directions document also enables the public and stakeholders to have a clearer understanding of what they can expect from ORC.
- [9] The Strategic Directions were initially developed in 2020, as an initial step to the preparation of the LTP. They were primarily developed with the input from the Strategy and Planning Committee members through a series of workshops. ORC's Management Team was consulted on the draft Strategic Directions, and community consultation assisted with confirming ORC's Vision for Otago (which are also the LTP's community outcomes).
- [10] The draft Strategic Directions were reviewed and approved in principle at a Strategy and Planning Committee workshop in August 2020. It was then agreed that the final approval of the Strategic Directions would follow from the preparation of the LTP, to ensure alignment between the two documents.
- [11] Following the adoption of the LTP in June 2021, some amendments to the draft Strategic Directions are proposed.

DISCUSSION

Proposed Amendments

- [12] Proposed amendments have been kept to a minimum and have focused on aligning the Strategic Directions with the LTP and ensuring that they cover the breadth of ORC's activities (see marked up changes in Appendix 2). These changes include:
- a. Stating explicitly the changes from status quo that ORC committed to in the LTP, **namely integrated catchment management, spatial planning, and communication.**
 - b. Revising how ORC's climate change activities are described.
 - c. Deleting the reference to landscape and heritage appreciation, no budget or commitment having been made in the LTP on this matter.
- [13] Other changes include:
- a. Adding te reo translation to the Strategic Directions' headings (the translation was carried out by Aukaha); and
 - b. Adding a new section on organisational performance, which provides guidance and expectations on internal policies and strategies. This section was developed in consultation with the relevant managers and General Managers at ORC.
- [14] The structure, focus and intent of the document have remained otherwise unchanged.

Communication Approach

- [15] As noted above, the Strategic Directions create a solid framework for consistent communications. It will be built into ORC's core brand messages (how we talk about ORC; who we are as an organisation, what we're for, what we do); and will be embedded into both our external and internal communication, especially as part of the induction process of new staff.
- [16] A graphic has been created for use across both print and web that provides a visual point of reference. This same image will be used to help equip staff with clarity of vision, mission, purpose and understanding of what we do. The induction processes for new staff and Councillors will use the Strategic Directions as a key point of reference.
- [17] The Communications and Marketing Team will produce an A3 folded brochure (to A4) of the Strategic Directions statements for a brochure audience, within the next six weeks. The brochure will be available to distribute as a handout at events involving public audiences who know little about ORC and copies will be available in reception areas throughout the Region.
- [18] The Strategy and Communications and Marketing Team will work together to continue to identify opportunities to promote the content of the Strategic Directions.

Monitoring and Evaluation

- [19] Work will be undertaken to ensure that ORC is able to monitor performance against the Strategic Direction. This is likely to include:
- The development of key performance indicators to monitor and report on the ORC's Vision for Otago (induced as commitments in the LTP); and
 - A monitoring programme in report on the visions for Otago and ORC.
- [20] The Strategic Directions will be assessed and reviewed in 2022-2023, to inform the next Long-Term Plan.

CONSIDERATIONS**Strategic Framework and Policy Considerations**

- [21] In developing the Strategic Directions, consideration was given to the role of local government as set out in the Local Government Act (2002), and to all statutory functions ORC must fulfil.
- [22] ORC's Strategic Directions are consistent with the proposed Regional Policy Statement.

Financial Considerations

- [23] The LTP has provided for the activities outlined in the Strategic Directions. Some of these activities are planned to start from 2022-2023 or 2023-2024.

Significance and Engagement

- [24] The Vision for Otago was submitted to the public for feedback in 2020. Public consultation on the LTP also allowed the public to give feedback on ORC's activities.
- [25] Mana whenua's input on ORC's Strategic Directions centred on the participation of Mr Ellison and Dr Carter, Kāi Tahu's representatives to the Strategy and Planning Committee, in their development.

Legislative and Risk Considerations

[26] The Strategic Directions have been developed in the current legislative context. Changes in legislation, or the emergence of new issues or trends in Otago may require amendments to the Strategic Directions. A three-yearly review of the document should allow ORC to adapt to any unforeseen change to its operating environment.

Climate Change Considerations

[27] N/A

Communications Considerations

[28] See above

ATTACHMENTS

1. Appendix 2 Strategic Directions Marked up changes from Aug 2020 draft [EKN6] [7.2.1 - 4 pages]

OUR MISSION TE KAUPAPA
Enriching life in a way that ensures positive relationships between environment, people and place, now and for our future.
<i>Whakahaumakohia te ao kia whiria te taura ora ki waeka i te taiao, i te tai-takata, i te tai-whenua mō nāianeī, mō te āpōpō hoki</i>

OUR VISION FOR OTAGO TĀ MĀTAU WHAIKA KI ŌTĀKOU		
Communities that connect with, and care for, Otago’s environment	An environment that supports healthy people and ecosystems	Communities that are resilient in the face of natural hazards, climate change and other risks
A sustainable way of life for everyone in Otago	Te Ao Māori and Mātauranga Kāi Tahu are embedded in Otago communities	Sustainable, safe & inclusive transport

VISION FOR ORC TE WHĀIKA KI ORC
Otago’s communities, through engagement, trust us to make well-informed decisions and enable solutions.

OUR COMMITMENTS Ō MĀTAU HAEPAPA
<ul style="list-style-type: none"> • Implement central government directions in the regional context • Partner with mana whenua and make Mātauranga Kāi Tahu an integral part of our decision-making • Deliver integrated environmental management • Effectively engage communities • Collaborate to deliver • Make decisions that are evidence-based and timely • Focus on customer needs

OUR VALUES Ō MĀTAU UARA		
Accountable	Caring	Creative
Collaborative	Trustworthy	Open and honest

WHAT WE WILL DO – PROTECT, CONNECT, ENHANCE, ENABLE KA AHA MĀTAU - KA TĀWHARAU, KA WHAKAHONO, KA WHAKANIKO, KA WHAKAMANA
<p>The wellbeing of Otago’s communities – now and in the future - is at the heart of what we do.</p> <p>We strive to ensure communities can rely on the Otago Regional Council for knowledge about the region’s environment and communities; to lead environmental management in Otago in partnership with mana whenua; to collaborate to create resilient and sustainable communities; and to advocate for Otago communities on issues affecting the region.</p> <p>We will enhance environmental management in Otago by:</p> <ul style="list-style-type: none"> • Taking an integrated catchment management approach; • Putting more emphasis on spatial planning; • Enhancing access to and communication of data and knowledge.
Healthy water, soil and coast
<ul style="list-style-type: none"> • Promote and enable: <ul style="list-style-type: none"> • Best practice land management, for soil conservation, water quality and using water efficiently • Initiatives for the enhancement of Otago’s waterbodies and coast • Engage with communities and iwi partners to increase collective understanding of Otago’s catchments • Protect our land, water and coast from inappropriate activities • Maintain river channels, waterways and coastal mouths • Monitor and investigate the health of Otago’s fresh and coastal water, and soil resources • Provide the best available information on Otago’s water, land and coastal resources
Healthy and diverse ecosystems
<ul style="list-style-type: none"> • Coordinate collaboration on biodiversity programmes and initiatives within the region • Deliver biodiversity management • Lead biosecurity management in the region • Promote and enable good land management and environmental initiatives to protect and enhance Otago’s biodiversity and ecosystems • Monitor and investigate the health of Otago’s ecosystems • Provide best available information on Otago’s ecosystems • Engage with communities and iwi partners to increase collective understanding of ecosystems
Good air quality
<ul style="list-style-type: none"> • With our partners, promote and enable clean heating and support warm and energy-efficient homes • Protect Otago’s communities against the effects of the emission of harmful air pollutants • Monitor air quality in the region and investigate pollution sources • Provide best available information on Otago’s air quality
Community resilience to natural hazard
<ul style="list-style-type: none"> • Set directions to manage natural hazard risks; and support decision-making to mitigate these • Engage with people, communities, iwi partners, and other stakeholders to increase understanding of natural hazard risks in the region • Lead regional emergency management response and planning • Deliver flood protection and land drainage infrastructure • Monitor and investigate natural hazard risks in the region • Provide flood warning information

Effective response to climate change
<ul style="list-style-type: none"> • Lead a regional approach to climate change to: <ul style="list-style-type: none"> • Support Otago communities adapting to climate change effects • Enable meeting New Zealand’s emission targets • Engage communities to increase understanding about climate change and its impacts • Monitor the region’s carbon-footprint and set an example to manage emissions as an organisation
Sustainable, safe & inclusive transport
<ul style="list-style-type: none"> • Collaborate with partner agencies to: <ul style="list-style-type: none"> • Integrate transport infrastructure and public transport into urban planning • Promote the transition away from private fossil-fuel passenger transport together with partner agencies • Promote safe land-based and maritime transport
Sustainable and quality urban development
<ul style="list-style-type: none"> • Set directions on managing urban development in the region for environmentally sustainable growth • Promote and enable initiatives that support environmentally sustainable communities • Collaborate to integrate urban planning, infrastructure planning and environmental management
Regional leadership
<ul style="list-style-type: none"> • Engage with our communities, and collect relevant information about wellbeing, then identify significant issues that affect this • Take appropriate actions to address the region’s identified significant wellbeing issues.

ENABLING A HIGH-PERFORMING ORGANISATION THROUGH WHAKARITEA ANA HE OHU E MAHI TIKA RAWA ANA MĀ		
An engaged, resilient and inclusive workforce	Prudent, fair, and transparent financial management	Continuous improvements to information management, business processes and technology.

Appendix 2 - Strategic Directions

This version of the Strategic Directions highlight the proposed changes to the draft previously approved in principle. Most changes seek alignment to the decisions made on the LTP 2021-2031.

OUR MISSION TE KAUPAPA
Enriching life in a way that ensures positive relationships between environment, people and place, now and for our future.
<i>Whakahaumakohia te ao kia whiria te taura ora ki waeka i te taiao, i te tai-takata, i te tai-whenua mō nāianeī, mō te āpōpō hoki</i>

OUR VISION FOR OTAGO TĀ MĀTAU WHAIKA KI ŌTĀKOU		
Communities that connect with, and care for, Otago’s environment	An environment that supports healthy people and ecosystems	Communities that are resilient in the face of natural hazards, climate change and other risks
A sustainable way of life for everyone in Otago	Te Ao Māori and Mātauranga Kāi Tahu are embedded in Otago communities	Sustainable, safe & inclusive transport

VISION FOR ORC TE WHĀIKA KI ORC
Otago’s communities, through engagement, trust us to make well-informed decisions and enable solutions.

OUR COMMITMENTS Ō MĀTAU HAEPAPA
<ul style="list-style-type: none"> • Implement central government directions in the regional context • Partner with mana whenua and make Mātauranga Kāi Tahu an integral part of our decision-making • Deliver integrated environmental management • Effectively engage communities • Collaborate to deliver • Make decisions which that are evidence-based and timely • Focus on customer needs

OUR VALUES Ō MĀTAU UARA		
Accountable	Caring	Creative
Collaborative	Trustworthy	Open and honest

WHAT WE WILL DO – PROTECT, CONNECT, ENHANCE, ENABLE KA AHA MĀTAU - KA TĀWHARAU, KA WHAKAHONO, KA WHAKANIKO, KA WHAKAMANA
<p>The wellbeing of Otago’s communities – now and in the future - is at the heart of what we do.</p> <p>We strive to ensure Communities communities can rely on us the Otago Regional Council to be a source off for knowledge about the region’s environment and its communities; to lead environmental management in Otago in partnership with mana whenua; to collaborate with local councils and other for to create resilient and sustainable communities; and to advocate for Otago communities on high priority issues affecting the region.</p> <p><u>We will enhance environmental management in Otago by:</u></p> <ul style="list-style-type: none"> • <u>Taking an integrated catchment management approach;</u> • <u>Putting more emphasis on spatial planning;</u> • <u>Enhancing access to and communication of data and knowledge.</u>
Healthy water, soil and coast
<ul style="list-style-type: none"> • We p Promote and enable: <ul style="list-style-type: none"> • Best practice land management, for soil conservation, water quality and using the efficient use of water <u>efficiently</u> • Initiatives for the enhancement of Otago’s waterbodies and coast • We e Engage with people communities and iwi partners to increase the collective understanding of Otago’s catchments • We p Protect our land, water and coast from inappropriate activities. • We m Maintain river channels, waterways and coastal mouths. • We m Monitor and investigate the health of Otago’s fresh and coastal water, and the region’s soil resources • We p Provide the best available information on Otago’s water, land and coastal resources
Healthy and diverse ecosystems
<ul style="list-style-type: none"> • We e Coordinate collaboration on biodiversity programmes and initiatives within the region • <u>Deliver biodiversity management</u> • We l Lead biosecurity management in the region • We p Promote and enable good land management and environmental initiatives to protect and enhance Otago’s biodiversity and ecosystems • We m Monitor and investigate the health of Otago’s ecosystems • We p Provide the best available information on Otago’s ecosystems • We e Engage with communities and iwi partners s to increase the collective understanding of ecosystems
Good air quality
<ul style="list-style-type: none"> • <u>With our partners,</u> We promote and enable clean heating and support warm and energy-efficient homes with our partners • We p Protect Otago’s communities against the effects of the emission of harmful <u>air</u> pollutants in the air • We m Monitor air quality in the region and investigate pollution sources • We p Provide the best available information on Otago’s air quality

Community resilience to natural hazard		
<ul style="list-style-type: none"> • We sSet directions on the management of to manage natural hazard risks; and support decision-making to mitigate these risks • We eEngage with people, communities, iwi partners, and other stakeholders to increase understanding of natural hazard risks in the region • We lLead regional emergency management response and planning • We dDeliver flood protection and land drainage infrastructure • We mMonitor and investigate natural hazard risks in the region • We pProvide flood warning information 		
Effective response to climate change		
<ul style="list-style-type: none"> • We lLead a regional approach to climate change to: <ul style="list-style-type: none"> • collaboration to set directions on climate change adaptation and implement those directions. Support Otago communities adapting to climate change effects • Enable meeting New Zealand's emission targets • We eEngage communities to increase understanding about climate change and its impacts • We consider climate change in all our decisions • We mMonitor the region's carbon-footprint and set an example in managing our to manage emissions as an organisation 		
Sustainable, safe &and inclusive transport		
<ul style="list-style-type: none"> • We eCollaborate with partner agencies to: <ul style="list-style-type: none"> • Integrate transport infrastructure and public transport into urban planning • Promote the transition away from private fossil-fuel passenger transport in collaboration together with partner agencies • Promote the safety of safe land-based and maritime transport 		
Sustainable and quality urban development		
<ul style="list-style-type: none"> • We sSet directions on the management of managing urban development in the region for environmentally sustainable urban growth • We pPromote and enable initiatives that support environmentally sustainable communities • We eCollaborate for the integration of to integrate urban planning, infrastructure planning and environmental management 		
Regional leadership		
<ul style="list-style-type: none"> • We engage with our communities and iwi partners to deepen the appreciation of Otago's landscapes and heritage • We eEngage with our communities, and collect relevant wellbeing information about wellbeing, to then identify the significant issues that affect wellbeing in the region this • We connect with relevant parties and tTake appropriate actions to address the region's identified significant wellbeing issues. <p>We keep ownership of Port Otago Ltd for the wellbeing of ratepayers</p>		

ENABLING A HIGH-PERFORMING ORGANISATION THROUGH WHAKARITEA ANA HE OHU E MAHI TIKA RAWA ANA MĀ		
<u>An engaged, resilient and inclusive workforce</u>	<u>Prudent, fair, and transparent financial management</u>	<u>Continuous improvements to information management, business processes and technology.</u>

7.3. Cosy Homes Trust Annual Report 2021

Prepared for:	Strategy and Planning Committee
Report No.	SPS2158
Activity:	Governance Report
Author:	Sarah Harrison, Air Quality Scientist
Endorsed by:	Gwyneth Elsum, General Manager Strategy, Policy and Science
Date:	13 October 2021

PURPOSE

- [1] To fulfil article 6.1.6 of the Memorandum of Understanding (MoU) between ORC and the Cosy Homes Trust (CHT), that an annual programme activity report be submitted to ORC.

EXECUTIVE SUMMARY

- [2] In November 2018 the ORC and CHT signed an MoU to define their working relationship, following ORC's Air Quality Strategy adoption in June that year.
- [3] The ORC 2018-2028 LTP approved an allocation of \$45,000 per annum for years one to three, for working in Air Zone 1 towns and Milton. The objective of the MoU was to work together towards the goal of providing warm homes and clean air to the residents of the towns mentioned above.
- [4] Attached is the annual programme activity report for year three, the financial year 2020/2021. It is the final report under the MoU.
- [5] The attached annual programme report details the work undertaken by CHT for the promotion of clean heating and home energy efficiency and includes advocacy, community education work, and the procurement of funding for heating and insulation grants. CHT have supported 125 households for clean heating appliances and funded over 680 households for insulation grants during the 2020/2021 year.

RECOMMENDATION

That the Committee:

- 1) **Notes this report.**

CONSIDERATIONS

Strategic Framework and Policy Considerations

- [6] The Otago Air Plan and ORC Air Quality Strategy are scheduled for review for years two and three of the current LTP.

Financial Considerations

- [7] N/A.

Significance and Engagement

- [8] ORC continues to fulfil its role as a trustee of the CHT. Chair Andrew Noone has recently been appointed as ORC's representative.
-

- [9] ORC will continue to engage and share information with relevant groups on the shared goals of warm homes and clean air for Otago.

Legislative and Risk Considerations

[10] N/A.

Climate Change Considerations

[11] N/A.

Communications Considerations

[12] N/A.

ATTACHMENTS

1. Cosy Homes Report to ORC - 2020-21 [7.3.1 - 6 pages]

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**2020-21 Annual Report to Otago Regional Council on Programme Activities
*Air Quality Strategy Implementation Assistance Related to Domestic Heating***

Background

The Cosy Homes Charitable Trust (Cosy Homes Trust) is an NGO working to improve the health, warmth and energy efficiency of Otago's housing stock through advocacy, collaboration, and education.

The Otago Regional Council (ORC) is the agency responsible for ensuring air quality in the region meets Ministry for the Environment standards that set a guaranteed minimum level of health protection for people living in New Zealand.

There is a history of air quality standard breaches in five designated airsheds in the Otago region: Arrowtown, Clyde, Cromwell, Alexandra (ORC Air Zone 1) and Milton (ORC Air Zone 2). There is a strong evidence base that these breaches are primarily caused by combustion of solid fuel (wood and coal) for domestic heating, combined with geographical and meteorological conditions trapping the pollution at ground level. Specifically, residents are: using outdated burners with higher emissions and lower efficiency than what is required by current standards, burning coal, burning wet wood, burning rubbish, not using good burning techniques/practices including proper maintenance of their burning equipment, not using a whole house performance approach (i.e., don't have insulation and therefore use more solid fuel) or some combination of these factors.

There is a large crossover of people living in cold, damp homes who are also contributing to the air quality issues in the Air Zone towns. A whole home performance evaluation and solution is the best approach to solve issues faced by both ORC and Cosy Homes.

The Collaboration

Cosy Homes Trust and Otago Regional Council agreed in November 2018 to formally collaborate on solutions to simultaneously improve air quality in the region and to improve the health, warmth and energy efficiency of homes in Air Zone 1 towns and Milton. A Memorandum of Understanding (MoU) set out roles, objectives, remuneration for services and reporting requirements for the collaboration, including:

4.0 Objectives

- 4.1 The Parties agree to work together to advance the goal of providing warm homes and clean air to the residents of AZ1 and Milton.
- 4.2 As part of the CHT's stated mission of making all Otago homes warm and cosy by 2025, the CHT will provide assistance progressing the ORC's new air quality strategy adopted by Council on 27 June 2018 as it relates to domestic heating.

5.0 Scope

- 5.1 The scope of the work addresses 3 sets of solid-fuel burners:
-

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- 5.1.1 High-emission, inefficient burners: Installed before 2006 with emission ratings higher than 1.5g/kg and less than 65% efficient. These burners are considered “non-compliant” in Air Zone 1 areas and generally discharge relatively large amounts of smoke.
 - 5.1.2 Compliant burners: These are burners installed post-2006 that have emission rates of no more than 1.5g/kg and efficiencies of at least 65%. These meet Ministry for the Environment design standards but can emit relatively high amounts of smoke depending on operation.
 - 5.1.3 Future burners: Where new houses are built, or home owners are changing their burners, there is an opportunity to encourage clean heating.
- 5.2 The CHT’s role is to assist the ORC by:
- 5.2.1 Facilitating the uptake of the Clean Heat Clean Air programme to replace “inefficient” burners in Air Zone 1 towns and Milton – refer clause 5.1.1.
 - 5.2.2 Connecting households to any additional financial resources that assist with the uptake of clean heating appliances (ex: Voluntary Targeted Rates programmes).
 - 5.2.3 Educating householders for reduced emissions from compliant burners – refer clause 5.1.2.
 - 5.2.4 Educating homeowners on available ultra-low emission heating appliances – refer clause 5.1.3.
 - 5.2.5 Educating householders on home performance and energy efficiency improvements or behaviours that will result in a reduction of solid fuel burning emissions.
- 6.0 Responsibilities
- 6.1 The CHT agrees to provide assistance with the following activities:
 - 6.1.1 Strategic planning related to the development of local air quality programmes.
 - 6.1.2 Coordination of public events highlighting clean heating appliances.
 - 6.1.3 Development of community-facing communications.
 - 6.1.4 Organisation of, and presentation at, community meetings.
 - 6.1.5 Development of strategic community networks including, but not limited to, social service agencies, clean heating service providers/installers, local councils staff and elected members, and neighbourhood/community groups.
 - 6.1.6 Annual programme activity reporting to ORC.
 - 6.2 The ORC agrees to:
 - 6.2.1 Designate a staff member familiar with the council’s air quality work programme as a liaison to work with CHT. The liaison will provide guidance on the council’s strategic direction and programme activities.
-

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- 6.2.2 Provide \$45,000 per annum for years 1 to 3. Year one, as agreed, will be paid upon receipt of invoice. Subsequent annual funding will be released following receipt of the annual CHT report and subsequent invoice.

Project Activities and Learnings – Years 1 and 2

Significant background work largely took place in 2018, with the development of a new Air Quality Strategy and subsequent Implementation Plan adopted by ORC in late 2018. The Trust worked alongside ORC staff to advise on community conditions, whole home performance as it relates to air quality, and lessons learned from the Cosy Homes/ORC Milton Air Quality Pilot Programme that was active in 2017/18.

In late 2018, the Cosy Homes Trust was approached by ORC Councillor Ella Lawton after a meeting with the Arrowsville Village Association, which was requesting help from the Council to specifically address ongoing air quality issues in their community. Cr. Lawton saw the alignment of Cosy Homes' work, ORC's responsibilities around air quality, and the community's interest in taking action.

Given the community's desire to see progress on air quality, Arrowsville became the first focus of the Work Plan in 2019, with community specific contexts considered.

The 2019 Arrowsville project was notably successful in facilitating uptake of the Clean Heat Clean Air (CHCA) programme. Although the programme was only available for 9 months of the year before available funding was exhausted and not renewed, the number of burners replaced in Arrowsville under the CHCA programme **increased 263% relative to the previous year**. In total, 29 of the 49 CHCA subsidies awarded in 2019-20 were in Arrowsville.

Education and engagement activities were also a focus. Hundreds of Arrowsville residents received education and advice around clean heating, available subsidies, home performance and more. The NIWA research project taking place in Arrowsville throughout the 2019 winter was helpful in terms of increasing engagement. Though separate projects, activities were collaborative and supportive. ORC and Cosy Homes were able to leverage the promotion of the NIWA project to highlight practical solutions and educational opportunities around air quality issues.

Valuable lessons were learned around attitudes and perceptions of community members regarding air quality issues and how they should be managed. There is no clear consensus in the community on who is responsible (individual accountability versus regulatory agency), and how these issues should be resolved (social pressure versus banning all burners versus stay-out-of-our-business). Some community members who live in areas with better air quality seemed to be less engaged around air quality issues, though evidence shows that those areas actually contribute to the poor air quality in lower elevations of town. All of this demonstrates a need to "speak" to multiple audiences with a range of beliefs and technical levels of understanding of air quality issues and their causes, which requires a careful blend of scientific evidence and appropriate narratives.

It also became clear that strategies will need to be developed in Air Zone towns to contend with multiple housing situations: owner/occupied homes, rental properties, short-term accommodation, and absentee owners. The differences between these housing situations emerged throughout activities in 2019 and each may require a different approach in any future implementation activities.

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2020-21 (Year 3) Cosy Homes Trust Activities

The last report pursuant to this agreement was completed in late February 2020. The emergence of COVID-19 and associated restrictions the following month, and the continuing challenges around actual or potential COVID-related restrictions, severely limited the potential for events and face-to-face public interaction throughout the 2020 heating season. While ORC and Cosy Homes Trust anticipated continuing work in Arrowtown and expanding efforts into Clyde and Cromwell during winter 2020, this ultimately proved infeasible in the pandemic context.

In addition, the concurrent and unanticipated elimination of ORC's Clean Heat Clean Air subsidy programme in March 2020, and subsequent lack of clarity regarding the direction of ORC's Air Strategy implementation going forward, were not conducive to effective execution of the agreement.

As noted by ORC, "the effectiveness of the [Air Quality Strategy] implementation plan, and its ability to achieve air quality objectives within 10 years, depended on the nature and extent of financial assistance available[.]"¹ Cosy Homes Trust strongly agrees that financial assistance to replace non-compliant heating appliances was a fundamental component of ORC's air quality programme, and we believe it will continue to be needed as part of any strategy to improve degraded air quality in Otago.

The following summarises the activities undertaken by Cosy Homes from the time of our last report (Feb 2020) through 30 June 2021 related to the scope and responsibilities set out in the MOU above:

- In the absence of the Clean Heat Clean Air scheme, Cosy Homes Trust took the following steps to facilitate uptake of clean heating appliances:
 - Developed, promoted, and implemented a new programme to top-up Warmer Kiwi Homes heating grants. EECA was at the time offering 90% of cost up to \$3000 maximum towards a heat pump, pellet fire, or wood burner for eligible households. Cosy Homes Trust began offering an additional 10% up to \$300 to mirror the EECA contribution in November 2020. (Prior to that, Cosy Homes Trust had only offered financial support for insulation.) In May 2021, the EECA funding was reduced to 80%, and Cosy Homes Trust responded by increasing its funding to 20%.

In the first 8 months of this new programme (November to June), Cosy Homes Trust supported **125 households across Otago with grants for clean heating appliances**. The vast majority of the grants – 118 – were for heat pumps, and the remaining 7 were pellet fires.
 - Confirmed with the Energy Efficiency and Conservation Authority, and communicated to Warmer Kiwi Homes heating appliance providers, that functioning

¹ *Arrowtown Air Quality Implementation*, Otago Regional Council, Minutes Strategy & Planning Committee, 8 July 2020, page 46.

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heating appliances that do not comply with applicable regional council air quality standards could be replaced under the programme. (Note homes with functioning fixed heating appliances in the main living area are generally not eligible for Warmer Kiwi Homes heating grants.)

- Developed, promoted, and implemented a new insulation grant scheme with financial support from the Central Lakes Trust, that applies to all Air Zone 1 towns (as well as the rest of CLT's service area). This programme is unique and specifically designed to mitigate the relatively low number of homes in Central Otago and Queenstown Lakes that qualify for Warmer Kiwi Homes grants based on being located in a "lower income" area (i.e., NZ Index of Deprivation Decile 8/9/10). By offering grants covering 70% of the cost of ceiling and underfloor insulation to homes located in Decile 5/6/7 areas, this this programme makes hundreds of more homes in Air Zone 1 towns eligible for financial assistance to improve their home performance and potentially decrease heating demand/solid fuel emissions.
 - Promoted and administered Warmer Kiwi Homes insulation grants across Otago, topping up EECA funding so that qualifying households received FREE ceiling and underfloor insulation. Cosy Homes Trust funded insulation grants to **over 680 Otago households** during 2020-21.
 - Added content to the Cosy Homes Trust website under the heading "Tips for an efficient, warm, clean-burning fire," including:
 - Video describing ultra-low emission burners and their operation.
 - Video on how to light a fire/use a compliant burner correctly.
 - Video on how to stack firewood properly.
 - Video on how to tell if firewood is dry and ready to burn.
 - Link to ORC's 'Home Heating and Air Quality' page that includes list of compliant burners.
 - Produced social media posts promoting tips on efficient burning, obtaining firewood early for seasoning, efficient use of heat pumps and the availability of financial assistance for new heating appliances.
 - Jointly with ORC staff, had stalls at markets in Frankton and Cromwell (Nov 2020), offering information on clean burning, financial resources for clean heating and home performance, and other tips related to maintaining a warm healthy home.
 - Participated as a member of the ORC Regional Policy Statement Air Reference Group.
 - Met with various ORC staff (including Science, Policy, Communications, Compliance) and Councillors on an ongoing basis throughout the year to discuss a variety of matters related to implementation of the MoU and ORC's air quality programme generally.
-

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- Held relevant meetings that involved (in addition to ORC above) relevant stakeholders including Public Health South, Arrowtown Village Association, QLDC and CODC staff, heating/insulation providers, and Air Quality Scientists Francisco Barraza and Ian Longley.
- Participated in Regional Air Quality Hui in Alexandra (March 2020).
- Participated in Arrowtown Air Quality Workshop (March 2020).
- Held July 2020 Cosy Homes Trust Stakeholder meeting that featured ORC, NIWA, and Cosy Homes presenting on the 2019 work in Arrowtown. Over 50 attended, including a number of relevant stakeholders, ORC staff and elected members.
- Held 'Cosy Homes Office Hours' in Milton at the Tokomariro Hub (2020).
- Recorded podcast for Asthma Otago on the importance of warm dry homes, clean heating, and available financial assistance (March 2021)
- Spoke at and promoted the Cosy Homes Trust/Warmer Kiwi Homes heating grant programme at social service interagency meetings in Alexandra, Cromwell and Wanaka in 2021.
- Spoke about the relationship between home heating and air quality, and available financial assistance, at Community Air Quality Action meeting organised by NIWA in Arrowtown (May 2021).
- Participated in the Aurora Consumer Advisor Panel and Commerce Commission review of Aurora Energy's Customised Price Path process as a community representative/advocate. During the process I raised, inter alia, the need for consideration of the growth in electric domestic heating that will be required to meet future air quality standards, as well as the disproportionate impact that the price increases will have on residents of Central Otago and Queenstown Lakes that are already struggling to heat their homes effectively and cleanly.
- Responded to public enquiries via email and phone, including referrals from ORC staff, related to financial assistance for clean heating and home performance throughout the year.

Prepared by:

Jeremy Baker
Executive Officer
Cosy Homes Charitable Trust
2 August 2021

7.4. Otago Greenhouse Gas (GHG) Profile Update

Prepared for:	Strategy and Planning Committee
Report No.	SPS2159
Activity:	Governance Report
Author:	Dr Anne Duncan, Manager Strategy, Dr Ann Yang, Senior Economist
Endorsed by:	Gwyneth Elsum, General Manager Strategy, Policy and Science
Date:	13 October 2021

PURPOSE

- [1] To address resolution DAIC21-101 made by the Data and Information Committee on 9 June 2021.

EXECUTIVE SUMMARY

- [2] At the Data and Information Committee on 9 June 2021, the Committee made the following resolutions:
- **Refer** this report to the 13 October Strategy and Planning Committee meeting to review the five-metre tree rule and other methods of capturing carbon sequestering of tussocks, soil, and other horticultural activity.
 - **Refer** this report to the Mayoral Forum to establish a collaborative operation with the Otago Territorial Local Authorities.
- [3] This paper addresses the first resolution by providing further information on the Land Use, Land-Use Change and Forestry (LULUCF) sector and how this is treated in greenhouse gas (GHG) accounting approaches.
- [4] This paper also provides an update on the consideration of the Otago GHG profile by the Otago Mayoral Forum on 24 September 2021.

RECOMMENDATION

That the Strategy and Planning Committee:

- 1) **Notes** this report.

BACKGROUND

- [5] A report of the inventory of the GHG emissions for the Otago region was presented to the ORC Data and Information Committee on 9 June 2021.
- [6] The Data and Information Committee (DAIC) sought further information on several detailed technical aspects of the report, namely:
- i. the “five-metre tree rule”.
 - ii. methods of capturing carbon sequestering of tussocks, soil and horticultural activity, such as orchards.

DISCUSSION

- [7] Council queries from the DAIC largely related to the LULUCF sector and how this is treated in GHG accounting approaches. ORC sought additional advice from GHG consultants, Ernst and Young, and the Ministry for Environment (MfE) in responding to the requests for clarification.
- [8] MfE drew attention to the difference between reporting and accounting for GHG emissions. The purpose of *reporting* is to estimate what the atmosphere sees regarding emissions and removals, while *accounting* is used to create an incentive for behaviour change for reducing emissions. The two different approaches have different requirements for inclusion or exclusion of particular land-use activities and their treatment of historical emissions. Only forestry activities are included in the target accounting from the LULUCF sector for the National Inventory.
- [9] The Otago GHG Profile has been prepared according to the standards of the Global Protocol (GPC) for Community-Scale Greenhouse Gas Emission Inventories (¹), which only includes forest land (i.e. emissions/removals) from the LULUCF sector. Use of this standard is considered appropriate at the regional level in New Zealand, where the emphasis is on accounting to inform community action to address emissions or facilitating sequestration, rather than being a comprehensive reporting of all emissions to air.

“The 5-metre tree rule”

- [10] According to MfE², forest land for the purposes of the National GHG Inventory is defined as land
- on which the tree species reach a height of at least 5 metres.
 - that is greater than 1 hectare.
 - with greater than 30 percent canopy cover.
- [11] Forest land can also be land with the potential to reach the above parameters under its current management. This definition underpins the mapping on which the Otago GHG Profile is based.

Orchards

- [12] In terms of orchards, which might be considered small trees, they are not part of forest land, as defined above. Instead, they are included in the National Inventory reporting in a different category: ‘cropland’³, which also includes annual and perennial crops, vineyards and shelterbelts. However, while they are reported on nationally, they are not part of targeted accounting and the Emission Trading Scheme (ETS). This is because the carbon involved is considered to sit within a short-term carbon cycle (growth and consumption/decomposition takes place in a relatively short time frame).
- [13] As a category they are a net emitter, largely due to emissions from the soil during land conversion, which are greater than the small amount of sequestration that may occur in the short rotation length of orchards/crops.

¹ <https://ghgprotocol.org/greenhouse-gas-protocol-accounting-reporting-standard-cities>

² <https://environment.govt.nz/facts-and-science/climate-change/measuring-greenhouse-gas-emissions/measuring-forest-carbon/>

³ <https://environment.govt.nz/assets/Publications/New-Zealands-Greenhouse-Gas-Inventory-1990-2019-Volume-1-Chapters-1-15.pdf> p266

- [14] As noted above however, the Otago GHG Profile has been prepared according to the standards of the GPC, which only includes forest land in the LULUCF sector and does not include cropland.

Tussocks

- [15] The New Zealand National GHG inventory (1990-2019)⁴ includes native tussocks in the category of “low producing grassland”. Nevertheless, it did not report on or account for tussock sequestration. The reason for this is the lack of knowledge both about the proportions of vegetation types in the category and about their sequestration rates.
- [16] Manaaki Whenua (Landcare Research), who reported on carbon sequestration potential of non-ETS land on farms⁵ for the Ministry of Primary Industries, indicated that “A weighted average Emission Factor for the broad category cannot be calculated without knowing the proportions of the various vegetation types and their carbon stock potential.”
- [17] According to He Waka Eke Noa⁶ “Reduced grazing of tussock grasslands can result in the accumulation of carbon in the tussocks. However, there is limited information available on this. Carbon sequestration in tussock grasslands will be further investigated and could be included at a later date if evidence supports this.”
- [18] As for cropland, low producing grassland is also not included in the GPC standard, and therefore not included in the Otago GHG Profile. However, if this was to be reviewed at a national level, it could be considered whether this was appropriate at the regional level.

Soil emissions

- [19] The matter of reporting of emissions from soil is very complex, as can be seen from the National Inventory, which appear in both the agriculture sector and the LULUCF sector.
- [20] Agricultural soils represented 9.4 percent of New Zealand’s gross emissions and 19.6 percent of agriculture emissions in 2019⁷. For LULUCF soil organic carbon stock models are part of the calculations involved in estimations of emissions/removals.⁸ The Otago GHG Profile relied on application of national level information.

Referral to the Otago Mayoral Forum

- [21] The Otago GHG Profile was presented to the Otago Mayoral Forum on 24 September 2021 and their support was sought to develop a collaborative approach to climate change adaptation and mitigation.
- [22] The Mayoral Forum resolved to support a collaborative approach which would explore what can be achieved regionally, while also enabling and supporting district and city-led climate change activity. They also invited members of the officer-level working group,

⁴<https://environment.govt.nz/assets/Publications/New-Zealands-Greenhouse-Gas-Inventory-1990-2019-Volume-1-Chapters-1-15.pdf>

⁵ <https://www.mpi.govt.nz/dmsdocument/32134/direct>

⁶ <https://hewakaekenoa.nz/faqs>

⁷ <https://environment.govt.nz/assets/Publications/New-Zealands-Greenhouse-Gas-Inventory-1990-2019-Volume-1-Chapters-1-15.pdf> p212

⁸ <https://environment.govt.nz/assets/Publications/New-Zealands-Greenhouse-Gas-Inventory-1990-2019-Volume-1-Chapters-1-15.pdf> p284

which collaborated on the Otago GHG Profile, to a future meeting to provide a strategic overview of regional climate change activity to the Forum.

CONSIDERATIONS

Strategic Framework and Policy Considerations

[23] The activities described in this paper are consistent with ORC's Strategic Directions in terms of both effectively responding to climate change and regional leadership. They support ORC commitments to implement central government direction, effectively engage and collaborate to deliver.

Financial Considerations

[24] Budget for a climate change strategic advisor has been included in the LTP. It is expected that this position will take a leadership role in facilitation of regional partnerships and collaboration.

Significance and Engagement Considerations

[25] District/City Councils were consulted as part of developing the paper for the Mayoral Forum.

Legislative and Risk Considerations

[26] The Otago Climate Change Risk Assessment identified a range of governance risks in relation to climate change, including a lack of collaboration mechanisms. The engagement of councils across Otago, including through the Mayoral Forum and the investment by ORC in the climate change strategic advisor role seeks to initiate an approach which will contribute to addressing this risk.

[27] A collaborative approach to climate change is envisaged by ORC's Proposed Regional Policy Statement 2021, which states that "by 2027, local authorities (led by Otago Regional Council) must together, in partnership with Kāi Tahu and in consultation with Otago's communities, develop climate change responses for the region".

[28] Central Government initiatives signal a need for Otago to be positioned to work at a regional level on climate change. As part of forthcoming RMA reforms, MfE has signalled that a National Policy Statement will be developed to give mandatory direction on climate change, including both mitigation and adaptation. Direction on mitigation is also expected to emerge through the national emission reduction budgets identified by the Climate Change Commission draft report. This direction is likely to impact local authorities in various ways but including as part of regional spatial strategies under the future Strategic Planning Act.

Climate Change Considerations

[29] See above.

Communications Considerations

[30] Collaboration on communication about climate change across the region is a matter which might need to be considered by the regional working group.

NEXT STEPS

[31] ORC, DCC and QLDC all have (or will soon have) staff members for whom climate change is their key policy area. These staff, many of whom collaborated on the Otago GHG

Profile, are likely to continue to lead the collaboration in the first instance, with staff from the remaining Otago councils contributing as they are able.

- [32] The regional working group (established to create the Otago GHG Profile) has been continuing to discuss future directions for collaboration, with the support of Otago's Chief Executives. When they next meet, they are well positioned to consider how to develop an initial overview of potential short and long-term regional climate change activities for Otago, which could be presented to the Mayoral Forum.

ATTACHMENTS

Nil

7.5. LWRP Governance Group Update - October 2021

Prepared for: Strategy and Planning Committee
Report No. GOV2143
Activity: Governance Report
Author: Cr Andrew Noone, Chairperson
Endorsed by: Cr Andrew Noone, Chairperson
Date: 13 October 2021

PURPOSE

[1] The report is to provide an update from the LWRP Governance Group.

RECOMMENDATION

That the Committee:

- 1) **Notes** the attached report.

ATTACHMENTS

1. LWRP Governance Group Update - October 2021 [7.5.1 - 2 pages]

LWRP Governance Group Update – October 2021

- Rachel Currie has been appointed the Project Manager for the LWRP process. Rachel's role is to provide project management, structure and support to this programme of work, ensure it keeps moving along successfully, connect all the various work streams and ensure that key people are involved and well supported in their roles.
- The Policy team are undertaking work at both a region-wide provisions level and at FMU level concurrently.
- On 1 October 2021, ORC launched an advertising campaign as the first public step towards developing a new LWRP and the Council will be working with communities over 2021 and 2022 on it. Advertising was in the media, papers, social media, on a new webpage: <https://www.orc.govt.nz/plans-policies-reports/developing-a-new-land-and-water-regional-plan-for-otago/upper-lakes-rohe>
- The Policy team ran a workshop with Councillors on Thursday 30 September 2021, to begin to discuss topics that will sit in the LWRP for all of Otago, and for which Councillors will need to give thought to.
- Planning for community consultations in the Catlins (Owaka) and the Upper Lakes (Queenstown and Wanaka) is underway. Face to face community consultation with the Owaka community will be 29 November 2021.
- Face to face community consultation with the Upper Lakes community will be 17 November 2021 in Queenstown and 18 November 2021 in Wanaka. Crs Wilson and Kelliher are invited to attend these face-to-face consultations as well, to introduce the work, be part of the community conversations, hear what people have to say, provide feedback and insights to us as well.
- There will also be online resources for people to read, videos and presentations to watch, hard copy and online ways for people to tell us what they think if they can't come and see staff in person on the dates above.
- The LWRP Governance Group (of which Crs Noone and Robertson are the permanent Councillor members) meets 6-weekly until the end of the year and will meet next on 26 October 2021. Crs Wilson and Kelliher are being invited to come to the next LWRP Governance Group meeting since you are the Councillors in the FMUs we're consulting with first. This approach stands for all the other FMUs too. As we plan and consult with other FMUs we'll loop in the relevant FMU Councillors for the period of time we're consulting with their FMUs.
- After the November 2021 consultation with the Catlins and Upper Lakes FMUs the Policy team will work with everything the communities have told them, and all the other information they have access to (internally and externally) and come up with some approaches and options to talk to Council and communities about in February 2022 for those two FMUs.

- The LWRP will eventually contain some provisions that will apply to the whole of Otago, and then as appropriate a bespoke chapter of FMU specific provisions where communities and the ORC have identified that there needs to be a specific focus in order for the LWRP to support the visions/goals and outcomes the community wants for their area.

- Staff are working on a Communication Plan for each FMU/Rohe to roll out ahead of community consultation in each area. The first one is being the Catlins and Upper Lakes starting in November 2021. As requested, Councillors have provided a number of ideas. Examples of ideas so far:
 - Edited clear videos presenting technical information ahead of drop-in sessions/meetings to get everyone on a level knowledge platform. Available for anyone to access and refresh memories throughout process.
 - Spending time briefing community champions and leaders. Utilising these champions.
 - Rohe Council representatives spending time ensuring key people/groups are engaged and involved.
 - Councillors leading some coffee drop-in sessions or similar.
 - An engaging well put together video introducing the Land and Water Plan (101) for community. What it is what they can expect from ORC, what their role is etc, why it's important.
 - A campaign with Otago people (including Councillors and Iwi) speaking about their own childhood or family connections to water too.
 - Focus Groups on regional issues - like the RPS process.
 - On-line engagement for younger community sector. Short info feeds, lots of chance to have a say.
 - Involving schools (how needs further thought).Overall a Comms Plan needs to be clear, concise, consistent, encouraging engagement and emphasise the importance of the sustainable management of land and water.