



KOMITI KAUPAPA TAIAO CLIMATE CHANGE AND SUSTAINABILITY COMMITTEE

21 June 2024

Order Paper for the meeting to be held in the
Council Chambers, 2nd Floor, 30 Laings Road, Lower Hutt,
on:

Tuesday 2 July 2024 commencing at 2:00 pm

The meeting will be livestreamed on Council's YouTube page.

Membership

	Cr J Briggs (Chair)
	Cr C Parkin (Deputy Chair)
Mayor C Barry	Cr K Brown
Cr S Edwards	Deputy Mayor T Lewis
Cr A Mitchell	Cr N Shaw

For the dates and times of Council Meetings please visit www.huttcity.govt.nz

Have your say

You can speak under public comment to items on the agenda to the Mayor and Councillors at this meeting. Please let us know by noon the working day before the meeting. You can do this by emailing DemocraticServicesTeam@huttcity.govt.nz or calling the Democratic Services Team on 04 570 6666 | 0800 HUTT CITY

KOMITI KAUPAPA TAIAO | CLIMATE CHANGE AND SUSTAINABILITY COMMITTEE

Chair:	Cr Josh Briggs
Deputy Chair:	Cr Chris Parkin
Membership:	Mayor Campbell Barry Deputy Mayor Tui Lewis Cr Keri Brown Cr Simon Edwards Cr Andy Mitchell Cr Naomi Shaw Refer to Council's Standing Orders (SO 31 Provisions for Mana Whenua)
Quorum:	Half of the membership
Meeting Cycle:	Meets on an eight-weekly basis or at the requisition of the Chair
Reports to:	Council

OVERVIEW:

The Komiti Kaupapa Taiao | Climate Change and Sustainability Committee has responsibility for oversight of Council's environment and climate change response.

The committee is aligned with the Environment and Sustainability Directorate.

Its areas of focus are:

- Oversight of Council's plan to reach Carbon Zero
- Collaborating with Mana Whenua, residents and businesses to decarbonise the city
- Developing and implementing climate and environmental policies and plans including ecology, biodiversity, forestry and biosecurity matters
- Climate adaption and resilience
- Treaty partnerships
- Waste and recycling
- Issues affecting the natural environment including streams, rivers and harbour
- Allocate funding for community climate action

PURPOSE:

To develop, implement, monitor and review strategies, policies, plans and functions associated with environmental and climate change activities to strengthen the long-term resilience and sustainability of the city through climate change awareness and action.

DELEGATIONS FOR THE COMMITTEE'S AREAS OF FOCUS:

- All powers necessary to perform the committee's responsibilities including the activities outlined below.
- Develop required strategies and policies. **Recommend draft and final versions to Council** for adoption where they have a city-wide or strategic focus.
- Implement, monitor and review strategies and policies.
- Oversee the implementation of major projects provided for in the Long Term Plan or Annual Plan.
- Oversee budgetary decisions provided for in the Long Term Plan or Annual Plan.
- Oversee the development and implementation of plans and functions that promote environmental well-being, including Council's plan to reach Carbon Zero.
- Maintain an overview of work programmes carried out by Council's Environment and Sustainability Directorate.
- Address matters related to ecological protection, the protection of biodiversity and biosecurity.
- Address matters related to climate change, including raising awareness of climate-related impacts and issues, advocating for climate change impacts, issues and actions and championing initiatives that reduce carbon emissions.
- Advocate for strong relationships with Council's Mana Whenua partners as outlined in the Tākai Here agreements ensuring the outcomes of the committee are in line with the aspirations of the partners.
- Advocate for the best interests of Māori communities in Lower Hutt having regard to the committee's goals.
- Ensure the committee is operating in a way that is consistent with various pieces of legislation that provide for Te Tiriti o Waitangi.
- **Recommend to Council** the acquisition or disposal of assets unless the acquisition or disposal is provided for specifically in the Long Term Plan.
- Conduct any consultation/engagement processes required on issues before the committee.
- Approve and oversee monitoring of funding for community climate action.
- Approve and forward submissions (other than those delegated to the District Plan Review Committee).
- Any other matters delegated to the committee by Council in accordance with approved policies and bylaws.
- The committee has the power to perform the responsibilities of another committee where it is necessary to make a decision before the next meeting of that other committee. When exercised, the report/minutes of the meeting require a resolution noting that the committee has performed the responsibilities of another committee and the reason/s.
- If a policy or project relates primarily to the responsibilities of the Komiti Kaupapa Taiao | Climate Change and Sustainability Committee, but aspects require additional decisions by the Komiti Hapori Ahurea me ngā Rangapū | Communities, Culture and Partnerships Committee and/or Komiti Hanganga | Infrastructure and Regulatory Committee, then the Komiti Kaupapa Taiao | Climate Change and Sustainability Committee has the powers to make associated decisions on behalf of those other committees. For the avoidance of doubt, this means that matters do not need to be taken to more than one of those committees for decisions.

HUTT CITY COUNCIL

KOMITI KAUPAPA TAIAO
CLIMATE CHANGE AND SUSTAINABILITY COMMITTEE

Meeting to be held in the Council Chambers, 2nd Floor, 30 Laings Road, Lower Hutt
on
Tuesday 2 July 2024 commencing at 2:00 pm.

ORDER PAPER

PUBLIC BUSINESS

1. OPENING FORMALITIES - KARAKIA TIMATANGA

Whakataka te hau ki te uru
Whakataka te hau ki te
tonga
Kia mākinakina ki uta
Kia mātaratara ki tai
E hī ake ana te atakura
He tio, he huka, he hau hū
Tihei mauri ora.

*Cease the winds from the west
Cease the winds from the south
Let the breeze blow over the land
Let the breeze blow over the ocean
Let the red-tipped dawn come with a sharpened
air.
A touch of frost, a promise of a glorious day.*

2. APOLOGIES

No apologies have been received.

3. PUBLIC COMMENT

Generally up to 30 minutes is set aside for public comment (three minutes per speaker on items appearing on the agenda). Speakers may be asked questions on the matters they raise.

4. PRESENTATION

Te Ara Whakamua Group work update

A verbal presentation by a representative of Te Ara Whakamua Group

5. CONFLICT OF INTEREST DECLARATIONS

Members are reminded of the need to be vigilant to stand aside from decision making when a conflict arises between their role as a member and any private or other external interest they might have

6. **UPDATE ON COUNCIL'S CLIMATE CHANGE WORK**

Report No. CCASC2024/3/159 by the Senior Advisor - Climate and Sustainability

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CHAIR'S RECOMMENDATION:

"That the recommendations contained in the report be endorsed."

7. **UPDATE ON SOLID WASTE AND WASTE MINIMISATION MATTERS**

Report No. CCASC2024/3/160 by the Waste and Resource Recovery Manager

11

CHAIR'S RECOMMENDATION:

"That the recommendation contained in the report be endorsed."

8. **CLIMATE CHANGE AND SUSTAINABILITY COMMITTEE FORWARD PROGRAMME 2024**

Report No. CCASC2024/3/161 by the Democracy Advisor

17

CHAIR'S RECOMMENDATION:

"That the recommendation contained in the report be endorsed."

9. **QUESTIONS**

With reference to section 32 of Standing Orders, before putting a question a member shall endeavour to obtain the information. Questions shall be concise and in writing and handed to the Chair prior to the commencement of the meeting.

10. **CLOSING FORMALITIES - KARAKIA WHAKAMUTUNGA**

Unuhia!

Release us from the supreme sacredness of our tasks

Unuhia!

To be clear and free

Unuhia i te uru-tapu-nui

in heart, body and soul in our continuing journey

Kia wātea, kia māmā

Oh Rongo, raise these words up high so that we be cleansed and be free,

Te ngākau, te tinana, te

Yes indeed, we are free!

wairua i te ara takatū

Good and peaceful

Koia rā e Rongo

whakairihia ake ki runga

Kia wātea, kia wātea!

Ae rā, kua wātea!

Hau, pai mārire.

J

udy Randall

DEMOCRACY ADVISOR



Climate Change and Sustainability Committee

19 June 2024

Report no: CCASC2024/3/159

Update on Council's climate change work

Purpose of report

1. Officers provide a regular update on key climate change work to implement Council's organisational carbon target and [Council's Carbon Reduction and Climate Resilience Plan \(CRP\) 2021-31](#), facilitate a reduction in city-wide emissions in line with the [Lower Hutt Climate Action Pathway](#), and address climate change impacts.
2. To avoid duplication, some work with climate change implications is reported in separate reports and/or other committees. This includes work on waste minimisation, Council's kerbside service, project-specific updates for RiverLink, and the new Naenae Pool.

Recommendations

That the Committee:

- (1) notes the update on climate change work streams currently underway;
- (2) notes that updates are only provided for those projects or activities where significant progress has been made, or where significant changes have occurred from the [previous update from 23 April 2024](#); and
- (3) notes that some work streams are new or are not explicitly covered in Council's Carbon Reduction and Resilience Plan 2021-31 or the Lower Hutt Climate Action Pathway.

Reducing Council's organisational carbon emissions

Council facilities

3. At its meeting on 17 May 2024, Council agreed to funding changes in order to progress the Huia Pool refurbishment and decarbonisation as planned in 2024/25 (refer [LTPAP2024/2/115, page 259](#)).
4. Detailed design work continues to be progressed, and procurement of suppliers to deliver on the refurbishment and heating plant change is scheduled for the second half of 2024.

Seaview Wastewater Treatment Plant (WWTP) dryer

5. The Seaview WWTP Sludge Dryer is in need of replacement due to its age and capacity constraints. The current Sludge Dryer is using fossil gas as a fuel source, and the associated emissions (2,856tCO₂) are more than double the emissions associated with fossil gas use at Council's facilities (1,256tCO₂).
6. As part of the Sludge Dryer replacement scope, alternative and low carbon energy source options have been considered that support Council's and Wellington Water Limited's target of Net Zero Carbon Emissions by 2050, to reduce or eliminate the current reliance on fossil fuels to dry the sludge.
7. WWL have undertaken options analysis in order to select the most suitable sustainable energy source as such following options have been short-listed.

The short-listed options are:

- Electric Boiler
- Heat pump
- Biomass boiler
- Co-combustion (biomass and biosolid)
- Anaerobic digester

A suitable option from above is yet to be endorsed, options are to be presented to the WW committee in the next couple of months.

The anticipated completion date of the project is around 2029.

Vehicle fleet

8. The Electric Vehicle (EV) share in Council's vehicle fleet remains at 69% (46 out of 67 vehicles), albeit a further increase in Council's EV share is expected later in 2024. This is due to the recent announcement for a plug-in electric 4WD ute to enter New Zealand's market in the next few months.
9. With the potential replacement of some 4WD utes with electric equivalents, the EV share could reach about 75% by the end of 2024.

Contract decarbonisation

10. With work on phasing out fossil gas at our facilities and reducing waste well under way, there is increasing focus on Council's next largest emission source: the purchases of goods and services / contracts.
11. The key challenge is how to accelerate the decarbonisation of Council's key contracts, ie those with a value of over \$250,000 per year. The following key contracts will go through procurement over the next six months:
 - Landfill capex works
 - Landfill design, engineering and monitoring
 - Street cleaning
 - Education campaign support
 - Horticulture
 - Drainage solution for sport fields
 - FOGO solution – joint venture between WCC, HCC and PCC.
 - Huia Pool refurbishment
12. As part of the procurement planning, officers increasingly utilise a range of tools to incentivise suppliers to reduce emissions and waste. This includes pre-procurement market engagement, using specific criteria regarding achieving carbon reductions and/or broader outcomes, and/or applying mandatory requirements (eg emission reporting).

Reducing city-wide emissions

Low Carbon Acceleration Fund (LCA Fund)

13. The first round of the LCA fund [successfully co-funded five projects](#) out of a total of seven applicants. Most of these projects will be completed within six months. The successful applicants were:
 - a. \$19,565 - He Puāwai Trust: for an electric van to transport locally produced food across the city - this will replace the use of a diesel ute for deliveries.
 - b. \$24,500 - Rudolf Steiner School Trust: for the replacement of single glazing with double glazing to reduce heating requirements.
 - c. \$15,000 - Wesley (Wellington Mission Incorporated) Rātā Village in Naenae: for replacing a petrol vehicle with an electric vehicle for their staff and residents to share.
 - d. \$2,368 - Y Central: for installation of LED lighting in their managed accommodation facilities.

- e. \$13,500 - Youth Inspire: for the purchase of an electric vehicle to provide free driving lessons to rangatahi as part of their programme of helping youth access employment opportunities.
14. A total of \$87,993 was allocated from a funding pool of \$160,000 for Round 1.
15. The second funding round is anticipated to run before the end of 2024, with the aim to use the unallocated \$72,000 from Round 1 as well as some additional funds from the sale of carbon credits. The exact funding envelope will be confirmed closer to the time of Round 2, based on the unit cost in the NZ Emissions Trading Scheme.

Adapting to climate change impacts

Climate change impact and risk assessment

16. Over the last two years, Council has collaborated with other councils in the region to develop a Wellington Region Climate Change Impact Assessment (WRCCIA), to provide a consistent approach to climate change risk assessment across the whole region. The report was adopted by the Wellington Regional Leadership Committee on 4 June 2024 and is now [publicly available](#).
17. The WRCCIA builds and expands on the report “Preparing coastal communities for climate change - Assessing coastal vulnerability to climate change, sea level rise and natural hazards” from June 2019. Council was briefed on that report on 15 July 2019, refer PRC2019/3/152, page 45.
18. Climate change will result in a variety of impacts and risks for Lower Hutt (and other areas in the Wellington area). The WRCCIA data analysis revealed 363 risks and 12 opportunities identified across five domains in the region, of which the greatest after built infrastructure (128) relate to the economy (93), followed by natural environment (73), human (69), governance (6), and transition to low carbon (5). The five domains are often highly interdependent, particularly governance-related risks, which emerge from other domain risks.
19. Sea level rise is one of the most significant impacts. The WRCCIA report (p.77) shows the number of buildings that could be impacted in a 1% Annual Exceedance Probability (AEP) coastal storm event (likely to occur once in 100 years) under a Representative Concentration Pathway (RCP)4.5 scenario (+0.9m of sea level rise).

District	Number of Buildings at risk	Details
Lower Hutt	4,690	Predominately in Petone area
Wellington City	219	Harbour side bays, primarily mixed use or commercial and including the Wellington Railway Station.
Porirua	172	Paremata, Plimmerton and Paekākāriki, primarily residential with some recreational facilities.
Masterton	125	Riversale Beach, primarily residential.
South Wairarapa	39	Aorangi Forest and Kahutara (via flooding of Ruamāhanga River and Lake Wairarapa).
Carterton	3	Rural zoned buildings.

20. The impacts of climate change, driven by carbon emissions, are therefore significant for Lower Hutt. Hence, this table also illustrates the importance of accelerating carbon reductions, both locally, nationally and globally, in order to avoid those climate impacts that are not yet locked in.
21. As the report is nearly 200 pages long with a large amount of technical information, officers are planning to brief Council in greater detail on the findings of the WRCCIA.
22. The risk assessment will now be used to inform the development of a potential Wellington Region Climate Change Adaptation Plan. Work on the scope of that work is underway, led by Greater Wellington Regional Council. This will expand on those actions already agreed that would increase resilience or reduce risks, as outlined in the Lower Hutt Climate Action Pathway, such as the city's District Plan review and improved flood protection as part of RiverLink (refer pages 86 and 87 of the Pathway).

Climate Change impact and considerations

23. This report responds directly to the need to reduce carbon emissions and respond to climate change, by providing a regular update on Council's key carbon reduction and climate change response initiatives.

Consultation

24. Not applicable.

Legal Considerations

25. There are currently no legal considerations.

Financial Considerations

26. There are currently no financial considerations.

Appendices

There are no appendices for this report.

Author: Miriam Randall
Senior Advisor - Climate and Sustainability

Approved By: Jörn Scherzer
Acting Director, Environment and Sustainability

11 June 2024

Report no: CCASC2024/3/160

Update on solid waste and waste minimisation matters

Purpose of Report

1. To provide the Committee with an update on various solid waste management and minimisation matters.

Recommendation

That the Committee receives and notes the update on various solid waste management and minimisation matters.

Background

2. This report consolidates information on the status of Council's solid waste management and minimisation initiatives.
3. Detailed and regular information on the ongoing development, operation and performance of the Silverstream Landfill is covered in a separate report to the Hutt Valley Services Committee. The latest report from May 2024 is [available here](#) (page 25).

Wellington Region Waste Management and Minimisation Plan (WMMP)

4. The development timeframe for the WMMP implementation plan by officers of the Wellington region councils has been extended due to the need to complete more work on the prioritisation, scoping and costing of regional projects. This work is scheduled to be completed in draft by September 2024 and the final implementation plan is scheduled to be endorsed by the Joint Committee in December 2024.
5. Council's implementation planning for its Local Action Plan is also underway and will be completed in line with the regional implementation plan.

Diversion of construction and demolition (C&D) waste

6. Civilshare, a well-established marketplace app for managing construction and demolition (C&D) waste, has already achieved notable success in Auckland. It connects the producers of C&D waste with other parties who may have a use for these resources, which may otherwise have been discarded in landfills. They are planning to launch in the Wellington region.
7. Additionally, officers are currently conducting research and development into potential end markets for resources recovered from C&D waste streams.

Food and green organics (FOGO) processing and kerbside collections

8. The potential implementation of a new FOGO service was consulted on as part of the new draft LTP. The results from the LTP consultation demonstrated 36.6% support for a new FOGO service, 6.3% had no preference, and 55% preferred to retain the status quo with the opt-in green waste collection service.
9. To address the results of the consultation, officers will conduct further research on the benefits and drawbacks of an opt-in/ opt-out approach as well as the effectiveness of home composting vs a FOGO collection service. As part of this, officers are also looking into the potential of an additional survey to better understand households' current practices and attitudes.
10. Procurement for the processing facility continues to be led by Wellington City Council on behalf of the three participating councils. The registration of interest (ROI) stage for potential suppliers closed on 20 May 2024. Evaluation of the ROI has also been completed.
11. The table below shows the timeline for the procurement process.

Action	Indicative Dates	Status
Pre-procurement completed	24/11/23	Completed
Release RFI (Stage 2)	27/11/23	Completed
Closing date for RFI (Stage 2)	5/02/24	Completed
Evaluate RFI	6/02/24 – 19/02/24	Completed
Release ROI (Stage 3)	27/02/24	Completed
Closing date for ROI (Stage 3)	20/05/24	Completed
Evaluate ROI	21/05/24	On track
LTP Council Approval	28/06/24	On track
Release RFP (Stage 4)	16/07/24	Subject to LTP approval

Trial of extraction and processing of organics from kerbside refuse

12. Waste Management New Zealand (Waste Management) has proposed to trial a Mechanical Biological Treatment process at Silverstream Landfill to extract organics from the kerbside waste stream.
13. MBT systems enable the recovery of materials contained within mixed waste, and facilitate the stabilisation of the biodegradable component of the material.

14. In brief, the proposal involves shredding and screening kerbside general waste through a plant that will separate out a significant portion of the organic material. The intention is that the organic waste be composted on site in windrows and used as landfill cover or potentially for other beneficial uses.
15. In terms of trial outcomes, it will be important to fully understand the benefits (eg volume reduction, lower carbon content) and costs of the technology, including the level of contamination of the end product (eg plastic bits below a certain diameter, etc), considering that the input material is mixed household waste that will contain a whole range of products and materials, such as soft plastics, nappies, batteries, clothing with PFAS, etc.
16. Officers are working with Waste Management on the details of the trial, with the intention to have it commence over the coming months.

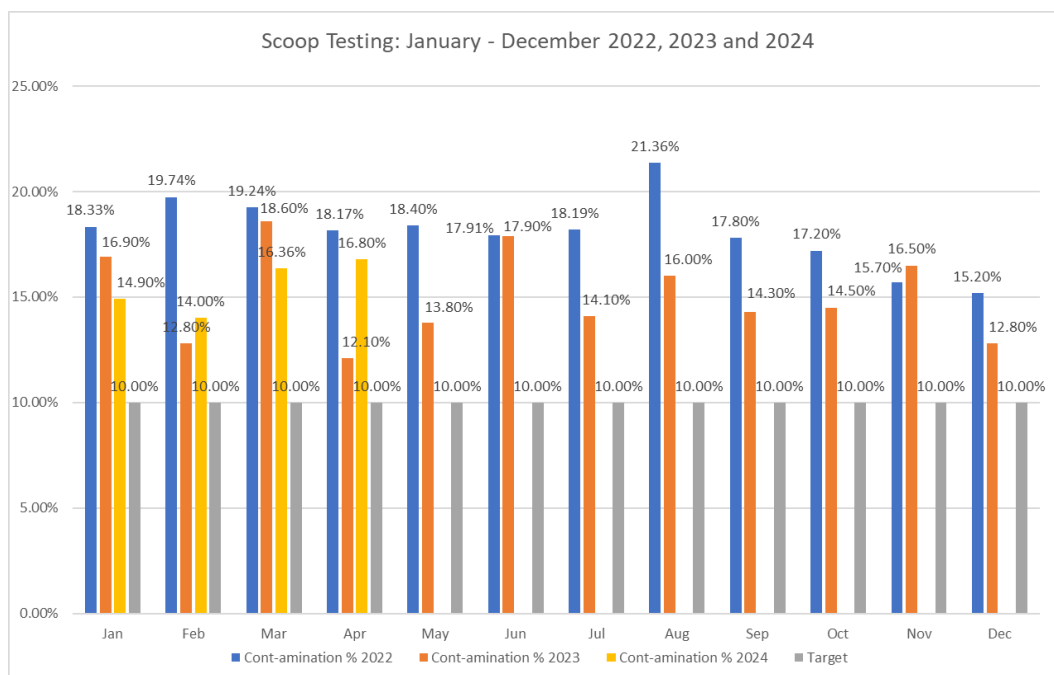
Resource recovery changes at Silverstream transfer station

17. Officers have successfully completed another “diversion scrum” day on 7 May. The team issued 24 vouchers, diverted nearly 1000 kg of material and engaged with around 70 customers at the transfer station.
18. Subsequent to the success of the diversion scrum days at the transfer station, officers have been working on developing guidelines/policies to support Earthlink in maximising diversion.
19. Work continues with Waste Management on identifying further diversion opportunities at the transfer station. A glass recycling bin will be trialed shortly and further scoping and costing on the potential to divert concrete, plasterboard and untreated timber is underway.

Kerbside rubbish and recycling service

City-wide recycling contamination and behaviour change

20. The contamination rates for March and April 2024 were recorded as 16.4% and 16.8%, respectively. While these figures indicate an increase compared to previous months, it's important to recognise the significant progress made overall. The average contamination rate has decreased from 18.7% in 2022 to about 15% in 2023.
21. Although the contamination rate has momentarily exceeded the 15% mark, the efforts to maintain and further reduce these rates are ongoing. However, achieving the KPI target rate of 10% remains a challenge.



22. To support our efforts, officers have developed a promotional video on good recycling, which showcases the OjiFS processing facility. This is available at <https://youtu.be/SqiqL4TUjg4>
23. By showing how items are processed and sent on for recycling, it aims to give residents an insight into what happens after their recycling bins are emptied, and combat the myth that recycling in Lower Hutt goes to the landfill.

Comparison of Lower Hutt contamination rates with other cities

24. In 2023, Lower Hutt, Porirua and Wellington City Councils commissioned a review of the OjiFS Seaview recycling plant's contamination methodology, to identify improvement opportunities. As part of the report, contamination levels were assessed for the different councils.
25. For the period July 2022 to June 2023 the following annual average contamination/waste levels were recorded as follows:
- Hutt City Council - 16.4%
 - Porirua City Council - 16.9%
 - Wellington City Council - 16.6%
26. The report also notes that: *"the recycling contamination rates observed above for HCC, PCC and WCC are consistent with the rates observed at other recycling facilities used by other councils in New Zealand. A scan of recycling contamination rates for other councils since 2020 suggests a range of 10-25%. Some councils have observed this level of variation in their recycling contamination rates from one year to the next. There are many reasons for this variability, including the level of education and enforcement by different councils and changes in resident behaviour through restrictions on recycling collection due to Covid-19 lockdowns."*

Multi-Unit Dwelling (MUD) initiatives

27. Over the last 12 months, a project was undertaken to review waste capacity within multi-unit developments aimed at ensuring alignment with the rates charged for the services provided. With the project now completed, in many cases, the targeted rates for some MUDs were increased to match the actual bin capacity provided. These adjustments will result in a small net revenue increase for the next financial year.
28. Officers are also working on a trial with Kāinga Ora to provide and improve the bedding-in of recycling collections in new multi-unit dwelling sites. Officers will initially attend residents' meetings to provide education on the correct use of the bins to support any potential introduction of this service.

Climate Change Impact and Considerations

29. The matters addressed in this report have been considered in accordance with the process set out in Council's Climate Change Considerations Guide.
30. Minimising waste, diverting recyclables from landfill, and recovering reusable materials (such as the potential addition of C&D diversion opportunities, diverting biosolids, etc) contribute to a more circular economy. These activities reduce the need to extract further resources from the environment and the associated energy use.

Consultation

31. There is no consultation required.

Legal Considerations

32. There are no legal considerations.

Financial Considerations

33. There are no current financial considerations in terms of decisions for Council. However, the following items have potential financial impacts in the future:
 - a. improvements to the Silverstream transfer station (eg Earthlink resource recovery drop off, potential addition of C&D diversion opportunities) have the potential to divert an increased amount of material from the Silverstream Landfill. A reduction in waste to landfill involves a short-term decrease in landfill revenue to Council but a long-term reduction in capital expenditure due to extending the capacity and life of the landfill.
 - b. reducing kerbside recycling contamination has a direct benefit on the cost under contract for this service as any contamination rates under 10% do not incur penalty fees for Council.

Appendices

There are no appendices for this report.

Author: Geoff Roberts
Waste and Resource Recovery Manager

Approved By: Jörn Scherzer
Acting Director, Environment and Sustainability

07 June 2024

Report no: CCASC2024/3/161

Climate Change and Sustainability Committee Forward Programme 2024

Purpose of Report

1. To provide the Committee with a Forward Programme of work planned for the Committee for 2024.

Recommendation

That the Committee receives and notes the Forward Programme for the remainder of 2024 attached as Appendix 1 to the report.

Background

2. The Terms of Reference for the Committee require the Committee to assist Council in developing, monitoring and reviewing strategies, policies, plans and functions associated with environmental and climate change activities.
3. The Forward Programme for 2024 provides a planning tool for both members and officers to co-ordinate programmes of work for the year. The Forward Programme is attached as Appendix 1 to the report.

Forward Programme

4. The Forward Programme is a working document and is subject to change on a regular basis.

Appendices

No.	Title	Page
1	Appendix 1: Forward Programme 2024	18

Author: Judy Randall
Democracy Advisor

Reviewed By: Kate Glanville
Senior Democracy Advisor

Approved By: Kathryn Stannard
Head of Democratic Services

Komiti Kaupapa Taiao
Climate Change and Sustainability Committee Forward Programme 2024

Description	Author	Cycle 4 4 Sep	Cycle 5 12 Nov	Pending
Regular update on climate change work programme	Climate and Solid Waste	✓	✓	
Regular update on solid waste management and minimisation work streams	Climate and Solid Waste	✓	✓	
Formal update on all actions in Council's Carbon Reduction and Resilience Plan and Climate Action Pathway	Climate and Solid Waste	✓		
Te Ara Whakamua Group work update	Climate and Solid Waste		✓	
Update on implementation of Biodiversity Strategy	Parks and Reserves		✓	
Food and green organics collection and processing	Climate and Solid Waste			✓