
ORDINARY MEETING

OF

WELLINGTON REGION WASTE MANAGEMENT AND MINIMISATION PLAN JOINT COMMITTEE

AGENDA

Time: 9:30am
Date: Monday, 23 April 2018
Venue: Committee Room 1
Ground Floor, Council Offices
101 Wakefield Street
Wellington

MEMBERSHIP

Councillor McLeod	Upper Hutt City Council
Councillor Peterson	Masterton District Council
Councillor Pannett	Wellington City Council
Councillor Greathead	Carterton District Council
Councillor Craig	South Wairarapa District Council
Councillor Bridson	Hutt City Council
Councillor Elliot	Kapiti Coast District Council
Councillor Gaylor	Greater Wellington Regional Council
Councillor Ford	Porirua City Council



Have your say!

You can make a short presentation to the Councillors at this meeting. Please let us know by noon the working day before the meeting. You can do this either by phoning 803-8334, emailing public.participation@wcc.govt.nz or writing to Democratic Services, Wellington City Council, PO Box 2199, Wellington, giving your name, phone number and the issue you would like to talk about.

AREA OF FOCUS

Under the Waste Minimisation Act 2008 territorial authorities were required to develop a Waste Management and Minimisation Plan (WMMP) by 2012.

In 2011, 8 Councils in the greater Wellington region adopted the first regional WMMP. The Councils agreed that a Joint Committee should be established to oversee the implementation of the WMMP.

Quorum: 4 members

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1 Meeting Conduct

1.1 Apologies

The Chairperson invites notice from members of apologies, including apologies for lateness and early departure from the meeting, where leave of absence has not previously been granted.

1.2 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.

1.3 Confirmation of Minutes

The minutes of the meeting held on 11 December 2017 will be put to the Wellington Region Waste Management and Minimisation Plan Joint Committee for confirmation.

1.4 Public Participation

A maximum of 60 minutes is set aside for public participation at the commencement of any meeting of the Council or committee that is open to the public. Under Standing Order 3.23.3 a written, oral or electronic application to address the meeting setting forth the subject, is required to be lodged with the Chief Executive by 12.00 noon of the working day prior to the meeting concerned, and subsequently approved by the Chairperson.

1.5 Items not on the Agenda

The Chairperson will give notice of items not on the agenda as follows:

Matters Requiring Urgent Attention as Determined by Resolution of the Wellington Region Waste Management and Minimisation Plan Joint Committee.

1. The reason why the item is not on the agenda; and
2. The reason why discussion of the item cannot be delayed until a subsequent meeting.

Minor Matters relating to the General Business of the Wellington Region Waste Management and Minimisation Plan Joint Committee.

No resolution, decision, or recommendation may be made in respect of the item except to refer it to a subsequent meeting of the Wellington Region Waste Management and Minimisation Plan Joint Committee for further discussion.

2. General Business

WASTE MANAGEMENT AND MINIMISATION PLAN – A REGIONAL APPROACH TO IMPLEMENTATION

Purpose

1. This report provides an overview of the proposed regional approach to the implementation of the Wellington Region Waste Management and Minimisation Plan (WMMP)(2017-2023).
2. This report also provides a background the draft suite of Joint WMMP Committee recommendations to territorial authorities, concerning the implementation and management of the WMMP.

Summary

3. The Joint WMMP Committee has the responsibility and authority to, amongst other matters:
 - Monitor and review the management and implementation of the WMMP; and
 - Report back to territorial authorities of the Wellington region on any aspect of the implementation of the WMMP.
4. In accordance with these delegated functions, the Joint Committee has requested that Joint WMMP Steering Group officers submit copies of their preliminary 3-year territorial authority WMMP implementation plans. The Joint Committee have indicated that these implementation plans will be relevant when considering the need to make recommendations to territorial authorities concerning the management and implementation of the WMMP.
5. This report documents the full suite of preliminary 3-year territorial authority implementation plans within the Wellington Region. Based on range of waste management and minimisation issues discussed in a Joint Committee workshop held on 9 April 2018, a draft set of recommendations have been prepared on behalf of the Committee. High-level data estimates suggest that these preliminary implementation plans could have the potential to reduce waste to landfill by up to 42,599 tonnes. However, as the many of the Council's waste minimisation initiatives are subject to further investigation and subsequent decision making, the potential effectiveness of the proposed initiatives remains uncertain.
6. As indicated by this report, best-practice event waste management and minimisation at Council-led events also has the potential to support the achievement of the Region's waste reduction targets. The potential development of a regional event waste minimisation policy for Council-led events is consequently outlined for the Joint Committee's consideration.
7. The implementation of such an event waste policy has the potential to result in the Councils of the Wellington Region providing leadership in event waste minimisation. It would also enable each Council to understand their effectiveness in promoting event

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waste diversion, and how such diversion supports their efforts in achieving the regional waste minimisation target. It is recommended that the Joint Committee ask territorial authorities to support the development of such a policy in accordance with the parameters set out in this report.

Recommendation/s

That the Wellington Region Waste Management and Minimisation Plan Joint Committee:

1. Receive the information.
2. Consider and, where appropriate, agree to the Joint Committee recommendations to each of the territorial authorities (as attached in Appendix 1)
3. Agree to request the eight Wellington Region territorial authorities to support the preparation of a new (draft) regional-level event waste management and minimisation policy, for their consideration.

Background

8. <insert text here> On the 11th of December 2017, the Joint WMMP Committee recommended the following:
 - *“Agree to request officers to report back with a preliminary implementation plan for the next 3 years for the WMMP with costings by February 2018 and earlier if necessary with respective territorial authorities”*
9. The Joint Committee also signalled that their intent was review the preliminary WMMP implementation plans for the purpose of making recommendations back to territorial authorities concerning WMMP implementation.
10. The Joint Committee have the delegated authority to make such recommendations in accordance with their Terms of Reference, as agreed to by the eight territorial authorities of the Wellington Region. As stipulated in the Terms of Reference, the Joint Committee have the responsibility and authority to:
 - Accept and consider advice and reports of the Wellington Region WMMP;
 - Monitor and review the management and implementation of the Plan;
 - Take decisions on the implementation of aspects of the Plan where the matter for decision is not an operational matter that falls under officers’ delegated responsibilities and where the matter is provided for in the Plan and/or budget has been made available by territorial authorities for that matter.
 - Report back to territorial authorities of the Wellington region on any aspect of the implementation of the Plan; including: recommendations for funding projects of the Plan, recommendations for the management of the Plan; and reports on the effectiveness of the Plan.
 - Report back to the territorial authorities with any recommended amendments to the Plan and/or recommended variations to the Terms of Reference of the Committee

11. On the 9th of April 2018, the Joint Committee met with WMMP Steering Group Officers to workshop the preliminary 3-year WMMP implementation plans submitted by each Council. Workshop discussions canvassed a range of issues, including:
 - The extent of new waste minimisation projects proposed by territorial authorities.
 - The possible scope of recommendations in response to each territorial authority action plan.
 - The potential impact of territorial implementation plans on regional waste reduction targets.
 - The need for regional coordination when planning for waste-related infrastructure planning.
 - The opportunity and benefits of researching and, where feasible, developing lawful landfill pricing strategies as a mechanism to reduce waste.
 - The significance of household organics diversion as strategy to promote household-level waste minimisation, and to reduce greenhouse gas emissions.
 - Regional event waste management issues.
12. Informed by the Joint Committee workshop, this report documents the preliminary 3-year WMMP implementation plans submitted by each Council. It also reconciles the Council's implementation plans against available waste target estimates, and explores the potential for regional event waste diversion.

Discussion

TA WMMP Implementation Plans

13. In late 2017, the Councils of the Wellington Region adopted the new Wellington Region WMMP (2016-2023). Shortly after the adoption of the regional plan, the Joint Committee asked officers to prepare preliminary 3-year WMMP implementation plans. These plans have since been prepared by officers and are attached in Appendix 2.
14. As detailed within the suite of implementation plans, the Councils of the Wellington Region intend to advance a range of new projects. For the following Councils, these projects include:
 - **Hutt City Council:**
 - Project scoping regarding an investigation into the options and costs of a two-stream recycling collection, with the findings being potentially relevant to future collection service tender processes.
 - Project scoping regarding an investigation into the use of wheelie bins for kerbside recycling.
 - Project scoping regarding an investigation into the effectiveness, scope and location of hazardous waste management services in Hutt City.
 - Project scoping and investigation into the viability of developing a resource recovery centre in the Hutt Valley.

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- Project scoping regarding the review and optimisation of kerbside collection services. The viability of 'community recycling stations' will be covered as part of this work.

 - **Porirua City Council**
 - Public consultation is currently underway as to whether the Council should support educational institutions in promoting and undertaking waste minimisation, via the provision of school subsidies, to the value of \$50,000 - \$100,000.

 - **Upper Hutt City Council**
 - Council will make waste audits available to businesses in Upper Hutt and promote uptake. In the past this has been done through match-funding, but if sufficient funding is available it could be fully funded through the waste levy.
 - Council will promote kerbside recycling and recycling at the drop-off recycling station.
 - A Zero Waste and Community Garden (Environment) Fund will be made available for community initiatives that promote waste reduction, community resilience and environmental protection.
 - The Council propose to complete a city-wide waste assessment to assess rates of recycling and diversion of waste from landfill. This information will be used to investigate options for improvement.
 - Retention of a Council recycling drop-off facility, supported by increased funding to allow it to be open six days a week from July 2018.
 - Investigation into shared services will occur, as and when required by s17A of the Local Government Act. Shared services (e.g. data management) will also be considered as part of implementing the National Waste Data Framework.

 - **The Wairarapa Councils**
 - The three Wairarapa based Councils are currently publicly consulting on the provision of a kerbside food waste collection service.
 - The Councils are currently publicly consulting on the provision of a centralised recycling sort line and wheelie bin collection service for recycling.
 - The Councils are currently publicly consulting on the establishment of a resource recovery centre, including e-waste diversion facilities and improved hazardous collection capability.

▪ **Wellington City Council**

- Council proposes to undertake an investigation into options for diverting household kitchen waste from landfill.
- Council has allocated provisional capital budget of \$34.6M (allocated to year 9 and 10) for an alternative solution for sludge treatment. The Council will be investigating alternative options following adoption of the LTP in June 2018.
- Council is proposing to investigate opportunities for improvements that increase diversion, supporting the region's resource recovery network at the Southern Landfill.
- Council intends to progress a landfill capacity review (pending regional collaboration).
- An investigation into the resilience of the regions waste management systems has also recently commenced.

Exploring the expansion of our Resource Recovery Network

15. In 2016, preliminary and high-level waste modelling work was undertaken to scope out the possible options available for reducing waste in the Wellington Region. This work highlighted the types of activities that have the potential to promote waste diversion within the region. Amongst engagement, collaboration, lobbying and the use of regulation, these activities included:
 - The establishment of a comprehensive resource recovery network.
 - Optimisation of kerbside refuse and recycling activities, including the provision of food waste collection.
 - Beneficial use of biosolids.
16. It is estimated that approximately 59% of the waste disposed to land in the Wellington Region is disposed to Class 2-4 landfills. These landfill sites accept a range of construction and demolition waste, and/or inert cleanfill materials.
17. Of the total waste sent to landfill within the Wellington Region, only 34% is sent to Class 1 landfills. Approximately 47% of this Class 1 landfill waste is construction and demolition waste, combined with industrial and commercial waste. Approximately 40% of Class 1 waste is kerbside waste, 6% is landscaping waste, and residual 6% residential waste.
18. These figures highlight the significance of industrial, commercial and cleanfill waste as a proportion of the overall quantity of waste being sent to landfill. They also signal the significance and need for comprehensive and targeted resource recovery network facilities within the Wellington Region.
19. As framed by the 2016 waste modelling undertaken for the Council, the development of a resource recovery network in the region has the potential to comprise of the following activities:
 - Commercial and demolition waste processing activities (e.g. concrete crushing)

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- E-waste drop off/refurbishment/dismantling
 - Tyre separation and processing for recovery
 - Two new community recycling, reuse and recovery stores (drop off)
 - Public recycling drop off facilities
 - Other repair and dismantling and other recovery opportunities, and
 - An education centre.
20. As detailed within the WMMP TA implementation plans (see Appendix 2), the territorial authorities of the Wellington Region are collectively progressing work programmes around the development of a new permanent public recycling drop off facility (Upper Hutt), the establishment of a new reuse (and resource drop-off) store (Lower Hutt), and e-waste drop-off facilities (Wairarapa Councils).
21. While these new projects have the potential to be effective in reducing the level of household waste sent to landfill, the issue of commercial and demolition waste diversion primarily remains unaddressed within the proposed approach to WMMP implementation. As such, to progress the achievement of the regional waste reduction targets, this issue will likely need to be addressed in the future.

Regional Waste Targets

22. As detailed within the WMMP, the primary regional waste reduction target is to reduce the total quantity of waste sent to Class 1 landfills from 600 kilograms per person per annum to 400 kilograms per person by 2026. In essence, this will result in a reduction of waste to class 1 landfills by a third within the next nine years. In effect, the achievement of this target would lower the total quantity of waste being sent to Class 1 landfills, from approximately 300,000 tonnes per/year, to 200,000 tonnes per/year.
23. Based on preliminary modelling undertaken during the formulation of the WMMP, this tonnage reduction can be further broken down into district level waste reduction targets as detailed in the table below. It is important to note that the district level tonnage breakdown detailed in the following table is indicative only.

Table 1: Regional Waste Target - Proportional TA Waste Reduction Objectives

	Wairarapa	Hutt City	Kāpiti Coast District	Porirua City	Upper Hutt City	Wellington City	Total
Recycling tonnes	644	1,752	1,077	473	966	1,854	6,766
Food waste tonnes	1,765	3,586	1,920	1,685	1,244	7,108	17,307
Waste reduction	389	918	463	491	378	1,834	4,472
Biosolids tonnes	2,608	6,158	3,103	3,290	2,536	12,304	30,000
General tonnes (Residual Landfill Waste)	3,725	8,796	4,432	4,700	3,622	17,574	42,848
Total (estimated) waste reduction target tonnages	9,131	21,210	10,995	10,638	8,745	40,674	101,394

(Note - Calculated using a population and household breakdown based on Statistics NZ data)

24. Upon review of the table above, the reader should be aware of the following:

- (i) Recycling and food waste tonnage has been calculated on an individual TA basis. In contrast however, other figures were calculated on a regional basis and then applied to each TA on a per capita basis.
- (ii) 'General tonnes' (i.e. the remaining waste being sent to Class 1 landfill) is anticipated to vary, as it is subject to existing TA activities, economic and district/city activity. When modelling these tonnage numbers, it was hypothesised that green waste disposal into the Silverstream Landfill was potentially the biggest variable impacting general tonnage. Related to this point, it is noted that methane gas generated from the Silverstream Landfill is subject to gas recapture, and the recaptured gas acts as an alternate energy source.
- (iii) The provisional nature of the biosolid tonnage numbers must also be stressed. In practice, biosolids are held in sludge-settling ponds in the Wairarapa and therefore do not go to landfill. Wellington and Porirua also have a larger per capita proportion, and that the Hutt Valley and Kapiti Coast proportion will be lower due to biosolid drying processes. The subsequent refinement of these tonnage estimates will therefore impact waste tonnage target estimates in other areas.

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25. Based on available information, the implementation plans submitted by the three Wairarapa Councils, Kapiti Coast District Council and Wellington City Council, suggest that the actions from these five Councils have the potential to result in reduced waste to landfill by up to 42,599 tonnes, or by 42% of the 10 year waste reduction target (see Table 2).

Table 2: Potential for Waste Reduction based on Territorial Authority 3-Year WMMP Implementation Plans

	Wairarapa (3 x Councils)	Kāpiti Coast District	Wellington City	Total
Total (estimated) waste reduction target tonnages	9,131	10,995	40,674	101,393
Estimated potential to reduce waste tonnage* per/year (based on TA Action Plans)	3,515	5,092	33,992	42,599
Estimated potential to achieve the TA waste target based on preliminary 2018 WMMP implementation plans.	Up to 38%	Up to 46%	Up to 90%	Up to 42%

26. In summary, data estimates available from five of the eight territorial authorities within the Region suggest that, if fully realised, Council waste minimisation initiatives have the potential to reduce waste sent to landfill by up to 42,599 tonnes within the next three years. Such a reduction would provide significant inroads towards meeting the regions 10-year waste minimisation target. Future WMMP project initiatives that are effective in increasing the diversion of construction and demolition waste, and industrial and commercial waste, would further support the achievement of the regional waste target.

Event Waste Minimisation and Diversion

27. Public events, such as festivals, parades, concerts, and protests, have the potential to generate a significant amount of waste. While there is a growing awareness nationally and internationally around the environmental sustainability of major events, the quantity of event waste generated across the Wellington region currently remains unknown.
28. The Councils within the Wellington Region currently use a range of mechanisms to encourage event organisers to consider waste minimisation, including the provision of advice, guidelines in some instances, and the provision of event waste resources. Nevertheless, while Councils may offer a range of advice and support to promote zero waste events, event organisers are not currently required to consider the matter of event waste management and minimisation when planning for an event.

29. Furthermore, it has become apparent that when Councils are themselves an event organiser, there is potential for inconsistent and negligible levels of waste minimisation at Council-led events. Council-led event waste reporting is also, at best, ad hoc. As already noted, while the amount of waste being generated at events typically remains unreported, it has been established that effective event waste planning has the potential to divert a substantial amount of waste away from landfill.

- ***Newtown Festival***

30. Based on the limited available data, we know that within Wellington City, the one-day Newtown Festival event held in 2016, diverted approximately 1.3 tonnes of material away from landfill via recycling and composting. This event was privately organised and had approximately 70,000-80,000 attendees. In this instance, successful event waste management planning and practice was driven and undertaken by a team of passionate volunteers. By weight, the diversion rate for this festival's waste was 69%. It was, however, estimated that 90% of the waste produced at the festival could have been diverted.

- ***WOMAD***

31. Beyond the Wellington Region, WOMAD is currently leading the way in event waste minimisation. Located in New Plymouth, this three-day long event accommodates over 10,000 attendees per day. In 2008, WOMAD diverted approximately 10.8 tonnes of material away from landfill. This represented a level of 73% event waste diversion for the three-day event.

32. Ten years on, WOMAD now incorporates reuse as a core concept into their waste minimisation planning. Such planning involves the sale of reusable coffee cups, which in 2016 resulted in the diversion of approximately 55,000 coffee cups away from landfill. It has also resulted in the ceasing of the sale of disposable water bottles at the festival, and introduction of the provision of free-water fountains that can be utilised through the purchase of Globelet reusable drink bottle, or by bringing your own water bottle from home. In 2016 WOMAD diverted approximately 20.1 tonnes of material away from landfill, having a diversion rate of approximately 80%.

Regional opportunities for Enhancing Event Waste Minimisation & Diversion

33. The Councils of the Wellington Region now have the opportunity to lead the way with event waste management best practice within the regional community. The development of a regionally-consistent territorial authority policy, which advocates that the Council adopt best practice event waste minimisation planning, practice and reporting, exists as a logical mechanism for promoting and enhancing effective event waste minimisation and diversion across the region.

34. At its most basic level, such a policy would be specific to Council-led events and could require territorial authorities to:

- Consider how waste generated at Council-led events could be minimised.

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- Take steps to maximise the collection and use of recoverable materials, including recycling, and organics where appropriate services and associated processing facilities are readily available.
 - Ensure that event waste is analysed for its quantity and composition following an event.
 - Keep a record of event waste quantity, composition and diversion rates.
35. Subject to the Joint Committee support of such a policy, the Committee have the ability to request territorial authority approval of policy development. In accordance with the Joint Committee's Terms of Reference, they also have the ability to recommend that territorial authorities agree to the development of such an event waste policy, as means of supporting the implementation of the WMMP, and the achievement of our regional waste reduction target.

Conclusion

36. In conclusion, this report documents the preliminary territorial authority WMMP implementation plans proposed for the next 3-years. Informed by a workshop with Joint Committee Councillors, it provides a background to the waste management and minimisation issues potentially relevant to Joint Committee recommendations to territorial authorities. Such issues include the consideration of the regional waste minimisation target, and the potential effectiveness of territorial authority waste minimisation initiatives in achieving that target.
37. A draft suite of potential Joint Committee recommendations to territorial authorities is contained for the Joint Committee's consideration in Appendix 1. Any agreed Joint Committee TA recommendations will, as necessary, be represented within each respective Council forum, by the Joint WMMP Committee member appointed by that TA.

This report also discusses the potential relevance of the regional Council-led event waste minimisation policy. The implementation of such a policy has the potential to result in the Councils of the Wellington Region providing leadership in event waste minimisation. It would also enable each Council to understand their effectiveness in promoting event waste diversion, and how such diversion will support their efforts in achieving the regional waste minimisation target. It is recommended that the Joint Committee seek TA support for the development of such a policy in accordance with the parameters set out in this report

Attachments

- Attachment 1. Appendix 1 Draft Joint WMMP Committee Recommendations to TAs [↓](#) Page 18
- Attachment 2. Appendix 2: Preliminary 3-Year Territorial Authority WMMP Implementation Plans [↓](#) Page 27

Author	Emma Richardson, Regional WMMP Planner
Authoriser	David Chick, Chief City Planner

SUPPORTING INFORMATION

Engagement and Consultation

Not applicable.

Treaty of Waitangi considerations

The content of this report is not inconsistent with the principles of the Treaty of Waitangi.

Financial implications

There are no direct financial implications associated with the recommendations made within this report. However, should the Joint Committee decide to adopt recommendation #3, and seek territorial authority support for the preparation of a regional event management policy, then the implementation of such a policy may have financial implications for Councils.

The extent to possible financial implications will remain Council specific and will vary as a consequence of current event waste practice, existing funding available, and the level and scope of waste infrastructure and services available.

Policy and legislative implications

There are no direct policy or legislative implications associated with the recommendations made within this report.

Risks / legal

There are no risks, legal or otherwise, associated with the recommendations made within this report.

Climate Change impact and considerations

The local council waste minimisation initiatives detailed within this report will assist to minimise landfill gas emissions, and therefore will reduce the potential for climate change impacts.

Communications Plan

Not applicable.

Health and Safety Impact considered

There will be no adverse health and safety impacts as a result of the recommendations made within this report.

APPENDIX 1: Draft Joint WMMP Committee Recommendations to Territorial Authorities

1) Draft Joint Committee Recommendations to the Hutt City Council

Mayor and Councillors
Hutt City Council
Lower Hutt

25th April 2018

To Mayor Wallace and fellow Councillors,

As you will be aware, the Joint Waste Management and Minimisation Plan (WMMP) Committee have the mandate to monitor and review the management and implementation of the Wellington Region Waste Management and Minimisation Plan (2017-2023), and to report back to the territorial authorities on any aspects of the implementation of the Plan, including recommendations for project funding and plan management.

Within the Wellington Region WMMP (adopted by the Council on 15th August 2017), Hutt City Council have recognised the importance of investigating the potential establishment of a free to use resource recovery facility and shop before the landfill gates, and to establish such a facility if it is found to be economically viable. The potential expansion of available diversion options for reusable and recyclable items has also been acknowledged by Hutt City Council.

These actions form part of the development of a more effective resource recovery network across the Wellington Region. Hutt City Council has further identified a range of other actions that will contribute to the development of a more effective resource recovery network across the Wellington Region.

Currently Silverstream landfill users have the ability to divert a limited range of products prior to disposing of materials into the landfill, but they must first pay for the disposal of these materials into landfill prior to diverting their materials. This arrangement consequently disincentivises waste diversion activities at the Silverstream Landfill.

The establishment of such a more comprehensive, and free to use, waste resource diversion facility has the potential to effectively promote the diversion of household waste away from landfill disposal. The Joint WMMP Committee further recognises that the provision of a free to use recycling waste facility and shop before entering the landfill gates, has the potential to be a driver for public waste minimisation behaviour change, and that such change would have longer term societal benefits.

The Joint WMMP Committee therefore endorses these Hutt City Council resource recovery initiatives, and supports the current activities to scope the work required, such as the development of a business case.

The Joint Committee also encourages Hutt City Council to adopt a regionally coordinated approach when considering any other resource recovery and waste infrastructure-related actions in the future. With Hutt City Council being the owner of Silverstream Landfill, they also encourage the Council to work with other landfill-owning Councils, being Wellington City Council and Porirua City Council, to investigate the potential for lawful landfill pricing mechanisms to achieve waste minimisation.

Through collaborating with other territorial authorities within the region, it will help ensure optimal efficiency when rationalising landfill-related expenditure and expanding the scope of resource recovery facilities available in the future.

Yours faithfully,

Councillor Iona Pannett
Chair of the Joint WMMP Committee
Wellington City Council

[On behalf of the Joint Waste Management and Minimisation Plan Committee].

2) Draft Joint WMMP Committee Recommendations to the Porirua City Council

Mayor and Councillors
Porirua City Council
Porirua

25th April 2018

To Mayor Tana and fellow Councillors,

As you will be aware, the Joint Waste Management and Minimisation Plan (WMMP) Committee have the mandate to monitor and review the management and implementation of the Wellington Region Waste Management and Minimisation Plan (2017-2023), and to report back to the territorial authorities on any aspects of the implementation of the Plan, including recommendations for project funding and plan management.

Within the Wellington Region WMMP, the Council recognise the importance of supporting educational institutions to promote and undertake waste minimisation.

As such, the Joint WMMP Committee are delighted to hear that Porirua City Council are publicly consulting on a proposal to subsidise school and preschool recycling services, via annual grants, to the value of \$50,000-\$100,000. The Joint Committee subsequently endorse this proposal and commend the Council for this initiative.

With the Porirua City Council being the primary owner of the Spicer Landfill, the Joint Committee would like to further encourage the Council to work with other landfill owning Councils within the region to reduce the amount of waste being sent to landfill. Porirua City Council, Hutt City Council, and Wellington City Council have the ability to do this by investigating and implementing lawful landfill pricing mechanisms that promote waste minimisation. As signalled by Porirua City Council¹ in their WMMP, landfill pricing strategies exist as a viable mechanism to reduce waste, and therefore should be implemented by the three landfill owning Councils within the region.

Once again, the Joint Committee congratulate you on your proposed initiative to subsidise recycling services in schools, and in doing so, to be a behavioural waste minimisation change-maker for future generations.

Yours faithfully,

Councillor Iona Pannett
Chair of the Joint WMMP Committee
Wellington City Council

Councillor Lisa Bridson
Deputy-Chair of the Joint WMMP Committee
Hutt City Council

[On behalf of the Joint Waste Management and Minimisation Plan Committee].

¹ See PCC Action Plan, Action LM7.

3) Draft Joint WMMP Committee Recommendations to the Upper Hutt City Council

Mayor and Councillors
Upper Hutt City Council
Upper Hutt

25th April 2018

To Mayor Guppy and fellow Councillors,

As you will be aware, the Joint Waste Management and Minimisation Plan (WMMP) Committee have the mandate to monitor and review the management and implementation of the Wellington Region Waste Management and Minimisation Plan (2017-2023), and to report back to the territorial authorities on any aspects of the implementation of the Plan, including recommendations for project funding and plan management.

Within the Wellington Region WMMP (as adopted by Upper Hutt City Council on 9th August 2017), the Council identify the continuing (post-trial) provision of a drop-off recycling centre to be a project option to potentially be considered by the Council.

As such, the Joint WMMP Committee are delighted to hear that Upper Hutt City Council are publicly consulting on a proposal to retain the Park Street recycling drop-off centre, and to extend its operating times to six days a week. The Joint Committee subsequently endorse this proposal and commend the Council for this initiative.

It is also understood that the Council are currently considering how best to reconfigure the facility to improve operational efficiency. As part of any such considerations, the Joint Committee encourage the Council to consider and investigate the provision of an outlying satellite drop-off station to compliment the Park Street facility.

Once again, the Joint Committee commend you on your proposed initiative to extend recycling services within Upper Hutt, and encourage the Council's ongoing efforts to achieve waste minimisation.

Yours faithfully,

Councillor Iona Pannett
WMMP Joint Committee (Chairperson)
Chairperson)
Wellington City Council

Councillor Lisa Bridson
WMMP Joint Committee (Deputy
Hutt City Council

[On behalf of the Joint Waste Management and Minimisation Plan Committee].

4) Draft Joint WMMP Committee Recommendations to the South Wairarapa District Council

Mayor and Councillors
South Wairarapa District Council
P O Box 6
Martinborough

25th April 2018

To Mayor Napier and fellow Councillors,

As you will be aware, the Joint Waste Management and Minimisation Plan (WMMP) Committee have the mandate to monitor and review the management and implementation of the Wellington Region Waste Management and Minimisation Plan (2017-2023), and to report back to the territorial authorities on any aspects of the implementation of the Plan.

Following a review of the preliminary WMMP implementation plan for the Wairarapa over the next three years, the Joint WMMP Committee wish to congratulate the South Wairarapa District Council for the progressive waste minimisation initiatives that are proposed to be consulted on as part their Draft Long Term Plan.

The Joint WMMP Committee fully endorse the Council's proposal to consult on the possible provision of an e-waste service; kerbside food waste collection service; the potential optimisation of kerbside collection systems; and the establishment of a recycling/resource recovery centre.

The Joint Committee commend the three Wairarapa Council's for working together effectively to reduce the amount of waste being sent to landfill.

Yours faithfully,

Councillor Iona Pannett
WMMP Joint Committee (Chairperson)
Chairperson)
Wellington City Council

Councillor Lisa Bridson
WMMP Joint Committee (Deputy
Hutt City Council

[On behalf of the Joint Waste Management and Minimisation Plan Committee].

**5) Draft Joint WMMP Committee Recommendations to Carterton District
Council**

Mayor and Councillors
Carterton District Council
P O Box 9
Carterton 5743

25th April 2018

To Mayor Booth and fellow Councillors,

As you will be aware, the Joint Waste Management and Minimisation Plan (WMMP) Committee have the mandate to monitor and review the management and implementation of the Wellington Region Waste Management and Minimisation Plan (2017-2023), and to report back to the territorial authorities on any aspects of the implementation of the Plan.

Following a review of the preliminary WMMP implementation plan for the Wairarapa over the next three years, the Joint WMMP Committee wish to congratulate the Carterton District Council for the progressive waste minimisation initiatives that are proposed to be consulted on as part their Draft Long Term Plan.

The Joint WMMP Committee fully endorse the Council's proposal to consult on the possible provision of an e-waste service; kerbside food waste collection service; the potential optimisation of kerbside collection systems; and the establishment of a recycling/resource recovery centre.

The Joint Committee commend the three Wairarapa Council's for working together effectively to reduce the amount of waste being sent to landfill.

Yours faithfully,

Councillor Iona Pannett
WMMP Joint Committee (Chairperson)
Chairperson)
Wellington City Council

Councillor Lisa Bridson
WMMP Joint Committee (Deputy
Hutt City Council

[On behalf of the Joint Waste Management and Minimisation Plan Committee].

**6) Draft Joint WMMP Committee Recommendations to Masterton District
Council**

Mayor and Councillors
Masterton District Council
P O Box 444
Masterton 5840

25th April 2018

To Mayor Patterson and fellow Councillors,

As you will be aware, the Joint Waste Management and Minimisation Plan (WMMP) Committee have the mandate to monitor and review the management and implementation of the Wellington Region Waste Management and Minimisation Plan (2017-2023), and to report back to the territorial authorities on any aspects of the implementation of the Plan.

Following a review of the preliminary WMMP implementation plan for the Wairarapa over the next three years, the Joint WMMP Committee wish to congratulate the Masterton District Council for the progressive waste minimisation initiatives included in their Draft Long Term Plan.

The Joint WMMP Committee fully endorse the Council's proposal to introduce kerbside food waste collections; establish a recycling/resource recovery centre; provide e-waste services; and to optimise kerbside collection systems. They also commend the three Wairarapa Council's for working together effectively to reduce the amount of waste being sent to landfill.

Yours faithfully,

Councillor Iona Pannett
WMMP Joint Committee (Chairperson)
Chairperson)
Wellington City Council

Councillor Lisa Bridson
WMMP Joint Committee (Deputy
Hutt City Council

[On behalf of the Joint Waste Management and Minimisation Plan Committee].

7) Draft Wellington City Council Recommendations

Mayor and Councillors
Wellington City Council
P O Box
Wellington

25th April 2018

To Mayor Lester and fellow Councillors,

As you will be aware, the Waste Management and Minimisation Plan Joint Committee have the mandate to monitor and review the management and implementation of the Wellington Region Waste Management and Minimisation Plan (WMMP) (2017-2023), and to report back to the territorial authorities on any aspects of the implementation of the WMMP, including recommendations for plan management.

Within the Wellington Region WMMP (adopted by Wellington City Council on 30th August 2017), the Council signalled that they may potentially investigate and recommend options for a household food and/or green waste collection service or other alternatives that deliver similar outcomes. As such, the Joint WMMP Committee are delighted to hear that Wellington City Council is publicly consulting on a proposal to undertake an investigation into options for diverting household kitchen waste from landfill.

As part of any such investigations, the Joint Committee would also like to encourage the Council to incorporate a household food waste diversion trial. The findings of such trial will likely provide significant insights into the effectiveness of such a food waste diversion programme within Wellington City.

As already acknowledged by the Council, managing and mitigating the effects of climate change exists as an essential component of strengthening City resilience. Similarly, taking action to reduce the amount of organic waste will align with the Council's efforts to promote City resilience. Given that organic waste currently forms the largest portion of divertable household waste, diverting it waste away from landfill would also make a significant contribution towards meeting the Councils waste reduction targets. Organics diversion would further support a reduction in greenhouse gas emissions.

The Joint Committee further encourages Wellington City Council to adopt a regionally coordinated approach when considering any waste infrastructure-related actions. With the Council being the owner of the Southern Landfill, the Committee ask that the Council work with the other landfill-owning Councils, being Hutt City Council and Porirua City Council, to investigate lawful landfill pricing strategies to achieve waste minimisation.

Through collaborating with other territorial authorities within the region, it will help ensure optimal efficiency when rationalising landfill-related expenditure, and will enable the effective and efficient planning of waste-resource recovery facilities in the future.

Yours faithfully,

Councillor Lisa Bridson
WMMP Joint Committee (Deputy Chairperson)
Hutt City Council

[On behalf of the Joint Waste Management and Minimisation Plan Committee].

APPENDIX 2: Preliminary 3-Year Territorial Authority WMMP Implementation Plans

**[New WMMP actions for implementation are highlighted in the red for the Joint
Committee's attention]**

1.0 Hutt City Council

1.1 Hutt City regulation

Reference & title	Connection to Regional Action
R.2: Actively enforce, control and reduce littering and illegal dumping.	R.R.1 – Bylaw
R.3: Waste minimisation plans are required as part of Council building projects - Work Instruction to be approved by Council's Senior Leadership Team.	R.R.1 – Bylaw

1.2 Hutt City data

Reference & title	Connection to Regional Action
D.1: Implement Waste Data Framework	R.D.1 - Implement National Waste Data Framework

1.3 Hutt City engagement

Reference & title	Connection to Regional Action
E.1: Wellington Regional Waste Education Strategy is implemented, and regional cooperation is strengthened.	R.E.1 – Regional engagement
E.2: Support schools to access the Enviroschools programme.	R.E.1 – Regional engagement
E.3: Improve reporting on where recyclables are sent, how recycled, and improve collection of data on weight and type of recyclables.	R.E.1 – Regional engagement
E.4: Council monitors and reports on its carbon emissions and encourages businesses and organisations to do likewise.	R.E.1 – Regional engagement
E.5: Provide incentives and information for people to access compostable disposable nappies solution, and Sustainable Parenting workshops.	R.E.1 – Regional engagement
E.6: Support and promote waste minimisation certifications for businesses.	R.E.1 – Regional engagement
E.7: Deliver a comprehensive waste minimisation programme to include education, information, incentives, and community engagement.	R.E.1 – Regional engagement
E.8: Deliver annual business sustainability presentations / workshops and engage with local businesses to reduce waste production.	R.E.1 – Regional engagement
E.9: Encourage and support household composting.	R.E.1 – Regional

	engagement
E.10: Increase kerbside recycling tonnages per capita.	R.E.1 – Regional engagement
E.11: Undertake community recycling awareness programmes.	R.E.1 – Regional engagement
E.12: Promote and encourage construction and demolition waste reduction, reuse, and recycling.	R.E.1 – Regional engagement
E.13: Continue World of Waste Bus Tours.	R.E.1 – Regional engagement
E.14: Support and promote reusable nappy programme.	R.E.1 – Regional engagement
E.15: Support and deliver food waste prevention programmes focused on minimising food waste.	R.E.1 – Regional engagement
E.16: Support marae and iwi groups to minimise waste	R.IN.1 – Resource recovery network R.E.1 – Regional Engagement

1.4 Hutt City collections

Reference & title	Connection to Regional Action
<p>C.1: Investigate options and costs of a two-stream recycling collection and potentially include these as the preferred level of service when re-tendering collection services: HCC is scoping a project to review HCC's kerbside collection approach and to produce a business case for a preferred option for kerbside collection of recycling and waste, for implementation from early 2019 – C1 to be covered as part of this work.</p>	R.C.1 - Optimised kerbside systems.
<p>C.2: Investigate use of wheelie bins for kerbside recycling. (WDE4) HCC is scoping a project to review HCC's kerbside collection approach and to produce a business case for a preferred option for kerbside collection of recycling and waste, for implementation from early 2019 – C2 to be covered as part of this work</p>	R.C.1 - Optimised kerbside systems.
C.3: Investigate methods to prevent recycling from being put in Council rubbish bags.	R.C.1 - Optimised kerbside systems.
C.4: Provide city-wide weekly refuse and recycling collection service plus recycling stations.	R.C.1 - Optimised kerbside systems.
C.6: Continue to offer and promote free e-waste collection service for Hutt City residents.	R.C.1 - Optimised kerbside systems.
C.7: Maintain annual or biennial Hazmobile collection day.	R.C.1 - Optimised kerbside systems.
<p>C.8: Review effectiveness, scope and location of Hazmobile (hazardous waste) collection day. (WPCT2)</p>	R.C.1 - Optimised kerbside systems.

HCC is scoping a project to review HCC's approach to hazardous waste management and to develop a business case for a preferred option for hazardous waste management in Hutt City, for implementation from early to mid 2019 – C8 to be covered as part of this work	
C.9: Council provides a comprehensive network of litter bins across the city, and also provides street cleaning and park and reserves maintenance services. These services are supported by a litter waste bylaw and Council enforcement.	N/A

1.5 Hutt City infrastructure

Reference & title	Connection to Regional Action
IN.1: Improve signage and layout for recycling bays at landfill. (WDC2) HCC is scoping a project to develop a business case for a resource recovery centre in the Hutt valley, potentially to be completed by end of 2018, with implementation to follow later – IN.1 to be covered as part of this work	R.IN.1 - Resource recovery network
IN.2: Investigate and, where feasible, implement measures to prevent recyclables from being put into the landfill.	R.IN.1 - Resource recovery network
IN.3: Investigate the establishment of a free to use recycling waste facility and shop before the landfill gates, implement if found to be economically viable. (WDE3) HCC is scoping a project to develop a business case for a resource recovery centre in the Hutt valley, potentially to be completed by end of 2018, with implementation to follow later – IN.3 to be covered as part of this work	R.IN.1 - Resource recovery network
IN.4: Review effectiveness, number, and positions of community recycling stations. Implement agreed changes (if any). (WDT1) HCC is scoping a project to review HCC's kerbside collection approach and to produce a business case for a preferred option for kerbside collection of recycling and waste, for implementation from early 2019 – "community recycling stations" to be covered as part of this work	R.IN.1 - Resource recovery network
IN.5: Manage community recycling stations to reduce illegal dumping.	R.IN.1 - Resource recovery network
IN.6: Maintain public place recycling bins service and increase or relocate bins where appropriate.	R.IN.1 - Resource recovery network
IN.7: Maintain or improve methane capture rate at Silverstream Landfill (based on available resource).	Not directly related regional actions
IN.8: Silverstream Landfill -Council will continuously look at ways to improve the service levels and operations at its landfill (s) where efficient in an effort to reduce harm.	Not directly related regional actions
IN.9: Aftercare of Closed Landfills	Not directly related regional actions

<p>IN.10: Recycling and Hazardous waste facilities at the landfill transfer station: HCC is scoping a project to review HCC's approach to hazardous waste management and to develop a business case for a preferred option for hazardous waste management in Hutt City, for implementation from early to mid 2019 – IN.10 to be covered as part of this work.</p>	R.IN.1 - Resource recovery network
<p>IN.11: Increase waste diversion at landfill and increase collection and diversion of reusable and recyclable items. (WDE5) HCC is scoping a project to develop a business case for a resource recovery centre in the Hutt valley, potentially to be completed by end of 2018, with implementation to follow later – IN.11 to be covered as part of this work</p>	R.IN.1 - Resource recovery network

1.6 Hutt City leadership and management

Reference & title	Connection to Regional Action
LM.1: Regional Waste Minimisation Plan is efficiently implemented, and deliverables strengthened.	Resourcing for regional actions
LM.2: Maintain and renew contract with an appropriate supplier to assist with waste diversion at landfill and around Lower Hutt.	R.IN.1 - Resource recovery network
LM.4: Reduce amount of waste going to landfill through increased landfill diversion, and working with businesses to encourage recycling and use of recyclable materials.	R.E.1 – Enhanced regional engagement
LM.8: Strengthen and support Bike Tech initiatives.	R.LM. 3 – Collaborate R.LM.4 – Lobby
LM.9: Maintain external contract to offer free waste audits and solutions for local businesses	R.LM. 3 – Collaborate R.LM.4 – Lobby
LM.11 Resourcing waste management & minimisation initiatives	R.LM.3 - Resourcing for regional actions

2.0 Kāpiti Coast District Council

2.1 Kāpiti Coast regulation

Reference and title	Connection to Regional Action
R.1: Licensing under the current Solid Waste Bylaw: Review	R.R.1 - Bylaw R.D.1 – Implement the National Waste Data Framework

2.2 Kāpiti Coast data

Reference and title	Connection to Regional Action
D.1: Collect and manage data in accordance with the National Waste Data Framework	R.D.1 - Implement National Waste Data Framework

2.3 Kāpiti Coast engagement

Reference and title	Connection to Regional Action
E.1: Provide educational support to educational institutions on waste minimisation	R.E.1 - Deliver enhanced regional engagement
E.2: Assist educational institutions with waste minimisation projects	R.E.1 - Deliver enhanced regional engagement
E.3: Support residents to minimise waste through education and information	R.E.1 - Deliver enhanced regional engagement
E.4: Support community projects and events	R.E.1 - Deliver enhanced regional engagement R.IN.1 - Resource recovery
E.5: Targeted educational campaigns and projects	R.IN.1 - Resource recovery network R.E.1 - Deliver enhanced regional engagement
E.6: Optimise regional communications	R.E.1 - Deliver enhanced regional engagement
E.7: Work with local businesses to achieve waste minimisation	R.E.1 - Deliver enhanced regional engagement R.IN.1 - Resource recovery network
E.8: Support marae and iwi groups to minimise waste	R.IN.1 - Resource recovery network R.E.1 - Deliver enhanced regional engagement

2.4 Kāpiti Coast collections

Reference and title	Connection to Regional Action
C.1: Review kerbside collections and investigate improvement options	R.C.1 - Determine and commit to implementing optimised kerbside systems

2.5 Kāpiti Coast infrastructure

Reference and title	Connection to Regional Action
IN.1: Enhance waste diversion from transfer stations	R.IN.1 - Resource recovery network
IN.2: Greenwaste Recovery and recycling	R.IN.1 - Resource recovery network
IN.4: Provide clean Public Places	
IN.5: Effluent Waste	R.IN.2 - Collaborate on options to use biosolids beneficially
IN.6: Aftercare of Closed Landfills	

2.6 Kāpiti Coast leadership and management

Reference and title	Connection to Regional Action
LM.1: Contestable Waste Reduction Grants	R.E.1 – Deliver enhanced regional engagement
LM.2: Waste Minimisation Staff	R.E.1 – Deliver enhanced regional engagement R.LM.4 – Lobby for product stewardship and possible priority products
LM.3: Internal Waste Minimisation	R.LM.3 – Collaborate

3.0 Porirua City Council

3.1 Porirua City regulation

Reference and title	Connection to Regional Action
R.1: Implement regionally consistent bylaw	R.R.1 - bylaw

3.2 Porirua City data

Reference and title	Connection to Regional Action
D.1: Implement Waste Data Framework	R.D.1 - Implement National Waste Data Framework

3.3 Porirua City engagement

Reference and title	Connection to Regional Action
E.1:Enviroschools programme	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.2: Resource Recovery Education Programme	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.3: School organic waste programme	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.4: Supporting educational institutions to promote and undertake waste minimisation: The Council are publicly consulting on subsidising school recycling to the value of \$50,000 - \$100,000.	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.5: Supporting residents to promote and undertake waste minimisation	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.6: Supporting community-based and other organisations and groups to promote and undertake waste minimisation:	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.7: Waste minimisation grants	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.8: Promoting and supporting waste minimisation at events and festivals	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.9: Love Food Hate Waste NZ Campaign	R.E.1 - Deliver enhanced regional engagement,

Reference and title	Connection to Regional Action
	communications and education.
E.10: Targeted educational campaigns and projects	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.12: Work with local business to achieve waste minimisation	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.13: Support waste and recycling services and facilities with appropriate information	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.14: Optimise regional communications	R.E.1 – Deliver enhanced regional engagement

3.4 Porirua City collections

Reference and title	Connection to Regional Action
C.1: Implement improvements to recycling collection	R.C.1 - Optimised kerbside systems.
C.2: Implement improvements to rubbish collection	R.C.1 - Optimised kerbside systems.

3.5 Porirua City infrastructure

Reference and title	Connection to Regional Action
IN.1: Develop Local Resource Recovery Centres	R.IN.1 - Resource recovery network
IN.2: Support the sustainable reduction and diversion of organic waste at landfills and transfer stations, and the sustainable beneficial reuse of recovered organic materials.	R.IN.1 - Resource recovery network
IN.3: Work with local business to achieve waste minimisation	R.LM.4 – Lobby for product stewardship and possible priority products R.IN.1 - Resource recovery network
IN.4: Landfill gas beneficial use	R.IN.2 - Collaborate on options to use biosolids beneficially.
IN.5: Collaborate with Wellington Water and other stakeholders to investigate options that would divert biosolids from Landfill.	R.IN.2 - Collaborate on options to use biosolids beneficially.

3.6 Porirua City leadership and management

Reference and title	Connection to Regional Action
LM.1: Internal waste minimisation	R.L.M. 3 – Collaborate R.L.M.4 – Lobby
LM.2: Professional development and subscriptions	R.L.M. 3 – Collaborate R.L.M.4 – Lobby
LM.3: Collaborate with private sector and community.	R.L.M. 3 – Collaborate R.L.M.4 – Lobby
LM.4: Waste Minimisation Staff	R.L.M.3 - Resourcing for regional actions
LM5: Shared Services	Supports initiatives that make direct contribution to targets
LM6: Advocacy and lobbying	Continue to advocate and lobby for progressive waste management and minimisation policy (government and other relevant stakeholders) and action (all stakeholders).
LM7: Landfill pricing	Investigate and implement landfill pricing strategies that promote waste minimisation and environmentally, socially and financially sustainable landfill operations

4.0 Upper Hutt City Council

4.1 Upper Hutt City regulation

Reference & Title	Connection to Regional Action
<p>R.1: Investigate and if appropriate implement a regionally consistent bylaw:</p> <p>The regional investigation is being led by the Regional WMMP Planner at the moment to determine whether a bylaw will be appropriate. The investigation will involve assessing other bylaws in NZ to determine possible approaches.</p>	R.R.1 - Bylaw

4.2 Upper Hutt City data

Reference & Title	Connection to Regional Action
<p>D.1: Implement Waste Data Framework:</p> <p>The implementation plan is now being worked through by officers.</p>	R.E.1 - Deliver enhanced regional engagement, communications and education.
<p>D.2: Waste audit specific to industry:</p> <p>Council will make waste audits available to businesses in Upper Hutt and promote uptake. In the past this has been done through match-funding, but if sufficient funding is available it could be fully funded through the waste levy.</p>	R.E.1 - Deliver enhanced regional engagement, communications and education.

4.3 Upper Hutt City engagement

Reference & Title	Connection to Regional Action
<p>E.1: EnviroSchools programme is supported: Funding for EnviroSchools will continue.</p>	R.E.1 - Deliver enhanced regional engagement, communications and education.
<p>E.2: Kerb side recycling and education marketing campaign:</p> <p>Council will promote kerbside recycling and recycling at the drop-off recycling station. Targeted education campaigns will be run.</p>	R.E.1 - Deliver enhanced regional engagement, communications and education.
<p>E.3: Zero Waste and Community Garden (Environment) Fund:</p> <p>The Fund will be made available for community initiatives that promote waste reduction, community resilience and environmental protection.</p>	R.E.1 - Deliver enhanced regional engagement, communications and education.
<p>E.4: Supporting community-based and other organisations and groups to promote and undertake waste minimisation: Financial support is also available through the Zero Waste and</p>	R.E.1 - Deliver enhanced regional engagement,

Community Environment fund. Officers will continue to run educational programmes.	communications and education.
E.5: Promoting and supporting waste minimisation at events and festivals: Officers will investigate ways to improve waste minimisation at events (e.g. through the investigation and development of a bylaw).	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.6: Support waste and recycling services and facilities	A R.E.1 - Deliver enhanced regional engagement, communications and education.
E.7: Optimise regional communications	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.8: Support marae and iwi groups to minimise waste: Council will continue to support marae and iwi groups to minimise waste.	R.E.1 - Deliver enhanced regional engagement, communications and education.

4.4 Upper Hutt City collections

Reference & Title	Connection to Regional Action
C.1: Support private sector operators	R.L.M. 3 – Collaborate R.L.M.4 – Lobby
C.2: Undertake a waste assessment: Proposed by the WMMP in 2021 to “Complete a city-wide waste assessment to assess rates of recycling and diversion of waste from landfill. Use this information to investigate options for improvement”. Council could consider bringing this action forward.	R.C.1 - Determine and commit to implementing optimised kerbside systems

4.5 Upper Hutt City infrastructure

Reference & Title	Connection to Regional Action
IN.1: Investigate developing a drop-off recovery centre at Silverstream Landfill, with Hutt City Council. [Funding for this project is not being consulted on as part of the LTP].	R.IN.1 - Resource recovery network
IN.2: Provision of recycling drop-off facilities: Proposed LTP: In response to the successful one year trial completed in January 2018 the facility will be retained and funding increased to allow it to be open six days a week from July 2018. The current set-up of the facility will be reconsidered	R.IN.1 - Resource recovery network

to improve how it operates. This represents an increased level of service.	
IN.3: Provide yearly hazardous waste disposal drop-off day: Hazardous waste collection will be provided annually.	R.IN.1 - Resource recovery network

4.6 Upper Hutt City leadership and management

Reference & Title	Connection to Regional Action
LM.1: Collaborate with private sector and community	R.LM. 3 – Collaborate R.LM.4 – Lobby
LM.2: Internal waste minimisation	R.LM. 3 – Collaborate R.LM.4 – Lobby R.E.1 - Deliver enhanced regional engagement
LM.3: Professional development and subscriptions	R.E.1 - Deliver enhanced regional engagement
LM.4: Shared services: Shared services can be investigated as part of Council's s17A review under the Local Government Act – Delivery of Services. Shared services (e.g. data management) will also be considered as part of implementing the National Waste Data Framework.	R.C.1 - Determine and commit to implementing optimised kerbside systems

5.0 Wairarapa Joint Implementation Plan

5.1 Wairarapa regulation

Reference and title	Connection to Regional Action
R.1: Implement regionally consistent bylaw	R.R.1 - Bylaw
R.2: New buildings recycling facilities: Centralised recycling sort line and wheelie bin collection for recycling – proposed for year 1 subject to consultation.	R.C.1 - Determine and commit to implementing optimised kerbside systems
R.3: Future recycling facility provisions Centralised recycling sort line and wheelie bin collection for recycling – proposed for year 1 subject to consultation.	R.C.1 - Determine and commit to implementing optimised kerbside systems
R.4: Safe collection and storage of hazardous wastes Resource recovery centre, including improved hazardous collection capability proposed for year 2 subject to consultation.	R.IN.1 - Resource recovery network

5.2 Wairarapa data

Reference and title	Connection to Regional Action
D.1: Implement Waste Data Framework	R.D.1 - Implement National Waste Data Framework
D.2: Reduce construction & demolition waste	R.D.1 - Implement National Waste Data Framework
D.3: Material diverted to recycling	R.D.1 - Implement National Waste Data Framework
D.4: Collection of hazardous chemicals	R.D.1 - Implement National Waste Data Framework
D.5: Recovery and recycling rates	R.C.1 – Optimise collection systems R.IN.1 – Resource recovery network

5.3 Wairarapa engagement

Reference and title	Connection to Regional Action
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E.1: Community minimisation practices	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.2: Publicise waste management in Wairarapa	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.3: Education and Promotion	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.4: Encourage the market for reusable goods, recycled goods and composting products	R.LM.3 & 4 - Collaborate on and lobby for waste minimisation policies and strategies, for example product stewardship.
E.5: Use of hazardous materials	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.6: Industrial and commercial waste reduction Resource recovery centre proposed for year 2 subject to consultation.	R.IN.1 - Investigate and develop a region-wide resource recovery network
E.7: Education on minimisation and recycling	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.8: Public waste reduction information	R.E.1 - Deliver enhanced regional engagement, communications and education.
E.9: Reduced use of hazardous materials	R.IN.1 - Investigate and develop a region-wide resource recovery network

5.4 Wairarapa collections

Reference and title	Connection to Regional Action
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<p>C.1: Effective collection of recycled material and residual waste</p>	<p>R.C.1 - Determine and commit to implementing optimised kerbside systems that maximise diversion and are cost-effective to communities.</p>
<p>C.2: Waste management practices in rural and holiday areas: Wheelie bins for recycling in holiday areas – proposed Year 1 subject to consultation.</p>	<p>R.C.1 - Determine and commit to implementing optimised kerbside systems that maximise diversion and are cost-effective to communities.</p>
<p>C.3: Support the reduction and diversion of organic waste: Food waste collection service proposed in Year 2 subject to consultation – potential 1700 t/y reduction.</p>	<p>R.C.1 - Determine and commit to implementing optimised kerbside systems that maximise diversion and are cost-effective to communities.</p>
<p>C.4: Collection and disposal charges: Centralised recycling sort line and wheelie bin collection for recycling – proposed for year 1 subject to consultation – potential 300 t/y reduction.</p>	<p>R.C.1 - Determine and commit to implementing optimised kerbside systems that maximise diversion and are cost-effective to communities.</p>
<p>C.5: Kerbside recycling: Centralised recycling sort line and wheelie bin collection for recycling – proposed for year 1 subject to consultation – potential 300 t/y reduction.</p>	<p>R.C.1 - Determine and commit to implementing optimised kerbside systems that maximise diversion and are cost-effective to communities.</p>
<p>C.6: Collection of hazardous chemicals: Resource recovery centre, including improved hazardous collection capability proposed for year 2 subject to consultation – 10 t/y.</p>	<p>R.IN.3 - Investigate and develop a region-wide resource recovery network</p>
<p>C.7: Management of Polystyrene</p>	<p>R.IN.3 - Investigate and develop a region-wide resource recovery</p>

	network
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5.5 Wairarapa infrastructure

Reference and title	Connection to Regional Action
IN.1: Green waste and recycling	R.IN.3 - Investigate and develop a region-wide resource recovery network
IN.2: Promote private and community facilities	R.E.1 - Deliver enhanced regional engagement.
IN.3: Regional resource recovery: Resource recovery centre proposed for year 2 subject to consultation – potential 400 t/y reduction.	R.IN.3 - Investigate and develop a region-wide resource recovery network
IN.4: Accessible recycling facilities Recycling bins in Masterton CBD in Year 1. Further options to be investigated.	R.IN.3 – Investigate and develop a region-wide resource recovery network
IN.5: Reduce land filled organic waste: Food waste collection service proposed in Year 2 subject to consultation.	R.IN3 - Investigate and develop a region-wide resource recovery network
IN.6: Signage at landfills and transfer stations	R.E.1 - Deliver enhanced regional engagement, communications and education.
IN.7: Future residual disposal needs of the Wairarapa	R.IN.3 - Investigate and develop a region-wide resource recovery network waste.
IN.8: Council transfer station and landfill management plans	R.R.1 - Bylaw

5.6 Wairarapa leadership and management

Reference and title	Connection to Regional Action
LM.1: Collective approach to waste management	R.LM.3 – Collaborate R.LM.1 – Shared governance

LM.2: Costs of collective approach: Centralised recycling sort line and wheelie bin collection for recycling – proposed for year 1 subject to consultation.	R.C.1 - Determine and commit to implementing optimised kerbside systems
LM.3: Waste minimisation staff	R.E.1 -Deliver enhanced regional engagement
LM.4: Partnering with groups	R.E.1 – Deliver enhanced regional engagement
LM.5: Participation with Tangata Whenua	R.E.1 – Delver enhanced regional engagement
LM.6: Waste Levy funding from MfE	R.LM.2 - Fund regional resources
LM.7: National approach to Waste Policy	R.LM.3 - Collaborate
LM.8: Consistent policies across regional and territorial councils	R.LM.3 - Collaborate
LM.9: Adopt the MfE Cleanfill Guidelines	R.IN.1 - Investigate and develop a region-wide resource recovery network waste.
LM.10: Event recycling and zero waste events	R.E.1 - Deliver enhanced regional engagement, communications and education.

6 Wellington City Council Implementation Plan

6.1 Wellington City regulation

Reference and title	Connection to Regional Action
R.1: Bylaw development, implementation and enforcement	RR1 – Bylaw RIN1 – Resource Recovery RIN2 – Beneficial use of biosolids
R.2: Investigation of additional regulatory measures	RR1 – Bylaw RIN1 - Resource Recovery Network RIN2 - Beneficial use of biosolids
R.3: Building Waste Management Facilities	R.C.1 – Optimise Collection Systems
R.4 Actively enforce, control and reduce littering and illegal dumping.	R.E.1 - Enhanced regional engagement. RD1 - Implement National Waste Data Framework and utilise the Framework to increase strategic information

6.2 Wellington City data

Reference and title	Connection to Regional Action
D.1: Implement Waste Data Framework	R.D.1 - Implement National Waste Data Framework and utilise the framework to increase strategic information

6.3 Wellington City engagement

Reference and title	Connection to Regional Action
E.1: Working with schools	R.E.1 - Deliver enhanced regional engagement
E.2: Support for recycling in schools and early learning centres	R.E.1 - Deliver enhanced regional engagement
E.3: Promoting and supporting waste minimisation at events	R.E.1 - Deliver enhanced regional engagement

E.4: Promote and support the reduction and diversion of organic waste	R.E.1 - Deliver enhanced regional engagement
E.5: Support marae and iwi groups to minimise waste	R.E.1 - Deliver enhanced regional engagement
E.6: Promote, educate and support residents to minimise waste	R.E.1 - Deliver enhanced regional engagement
E.7: Optimise regional communications	R.E.1 - Deliver enhanced regional engagement
E.8: Wellington Regional Waste Education Strategy	R.E.1 - Deliver enhanced regional engagement

6.4 Wellington City collections

Reference and title	Connection to Regional Action
C.1: Household recycling collection	R.C.1 - Optimise collection systems
C.2: CBD recycling collection	R.C.1 - Optimise collection systems
C.4: Household food and/or green waste collection: Using waste levy funding, WCC is planning to undertake an investigation into options for diverting household kitchen waste from landfill.	R.C.1 - Optimise collection systems

6.5 Wellington City infrastructure

Reference and title	Connection to Regional Action
IN.1: Biosolids: The WCC draft LTP has allocated provisional capital budget of \$34.6M allocated to year 9 and 10 for an alternative solution for sludge treatment. Wellington Water Ltd. will be investigating alternative options following adoption of the LTP in June 2018.	RIN1 - Investigate and develop a region-wide resource recovery network – including facilities for construction and demolition waste, food and/or biosolids, and other organic waste
IN.2: Resource recovery centre: Using waste levy funding, WCC is planning to undertake investigations to identify opportunities for improvements that increase diversion, supporting the region's resource recovery network at the Southern Landfill	RIN1 - Investigate and develop a region-wide resource recovery network – including facilities for construction and demolition waste, food and/or biosolids, and other organic waste

IN.3: Compost operation	RIN1 - Investigate and develop a region-wide resource recovery network – including facilities for construction and demolition waste, food and/or biosolids, and other organic waste
IN.6: Public place recycling (trial)	R.IN.1- Investigate and develop a region-wide resource recovery network
IN.8: Signage at waste/ recycling facilities	R.E.1 - Deliver enhanced regional engagement
IN.9: Recovery of energy from landfill gas	Not applicable
IN.10: Closed landfills	Not applicable

6.6 Wellington City leadership and management

Reference and title	Connection to Regional Action
LM.1: Support community groups and the business sector	R.E.1 - Deliver enhanced regional engagement, communications, and education
LM.2: Provide grants for community and business development projects	R.E.1 - Deliver enhanced regional engagement, communications, and education
LM.3: Industry-based reuse	R.IN.1 - Investigate and develop a region-wide resource recovery network
LM.4: Behaviour change	R.E.1 - Deliver enhanced regional engagement
LM.5: Advocacy and lobbying	R.LM.2 – Resourcing regional actions R.LM.3 - Collaboration R.LM.4 – Lobbying
LM.6: Collaborate with private sector and community to work with local groups and waste companies	R.IN1 - Resource Recovery Network R.LM.3 - Collaboration R.LM.4 – Lobbying
LM.7: Funding options	Supports initiatives that make direct contribution to targets
LM.8: Shared Services	Supports initiatives that make direct contribution to targets

LM.9: Innovation and technology	Supports initiatives that make direct contribution to targets
LM.10: IN.11 Landfill capacity review	Supports initiatives that make direct contribution to targets
LM.11: Waste levy funding from MfE	Supports initiatives that make direct contribution to targets
LM.13 Limiting adverse environmental impacts	R.R.1 - Develop and implement a regional bylaw
LM.14: Managing hazardous waste	R.R.1 - Develop and implement an regional bylaw
LM.15: Reducing junk mail	Supports initiatives that make direct contribution to targets
LM 16: Resilient waste management systems: An investigation as to what currently is in place across the region has recently commenced.	Not applicable