

Director City Services Report No. CS15/18



Subject: **Waste Management Strategy -
Stakeholder and Community
Feedback**

Folder No: F2004/07280

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Introduction

At the Environment Committee meeting held on 13 February 2018 Council considered Randwick's Draft Waste Management Strategy, 2017-2030. This draft Strategy details Council's waste management vision, goals, targets and action plan to achieve the goals, and it was resolved:

(Stavrinos/Da Rocha) that:

1. *the Draft Waste Management Strategy 2017-2030 shown in attachment A be placed out for public exhibition for six (6) weeks; and*
2. *the General Manager bring back a report to Council following this public exhibition with stakeholder and community feedback. The report is also to include details of the effect of the Chinese government decision in relation to acceptance of recyclables.*

The purpose of this report is to present the stakeholder and community feedback received through the public exhibition for six weeks and seek Council's adoption of Randwick's Waste Management Strategy, 2017-2030.

Issues

Consultation activities conducted

The consultation was open for six weeks from Friday, 23 February 2018 to Friday, 6 April 2018. The consultation strategy aimed to inform Randwick residents about the draft Waste Management Strategy and gather feedback from the community on Council's planned waste management to 2030.

The consultation activities undertaken included:

- A dedicated Have Your Say Randwick project page:
<https://www.yoursayrandwick.com.au/waste2030>

The site included the draft strategy, online survey and submission, and Q&A forum

- Media release
- A Facebook post to Council's 16,800+ strong Facebook page on 1 March 2018;
- Twitter post to Council's 2,500+ followers on 1 March 2018;
- Notification in *The Southern Courier* 6 March 2018;
- A story in Council's weekly Randwick News email sent to 21,000+ subscribers on 28 February 2018;
- The Spot Festival 11 March 2018; iPads with the survey for residents to complete
- Notification on customer service centre QFlow screens

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- Notification on the front page of Council's website and on the Current Consultations page; and
- Notification to all Resident Precinct Committees
- Memo to Councillors.

Results summary:

- 637 visits to the Your Say website
- 199 surveys completed
- 1 question asked on the Q&A page
- 144 downloads of the Strategy document

In addition, Council received three written submissions via email.

Facebook post 1/3/18:



Twitter post 1/3/18:



Randwick News 28/2/18:



Have your say on our Waste Management Strategy 2017-2030

We know how important recycling is to the community and we want to know what you think about our Draft Waste Management Strategy. Have your say by completing our survey before 6 April. [\[More\]](#)

Southern Courier 6/3/18:



The consultation included a number of specific questions and free text. The results of the specific questions are detailed in Attachment 1. The summary of the results are shown below.

The free text responses are included in Attachment 2, together with officers' responses/ remarks.

Overall responses to survey questions

Whilst there is very high community support relating to the targets set by the strategy, the free text submissions indicate a wide variety of opinions and suggestions; in particular to the costs associated with the delivery of meeting proposed targets.

Question	Support or strongly support (%)
1. How supportive are you of the targets set by the Draft Waste Management Strategy?	
Reduce waste generation per capita	93.97
Increase recycling rate to 70%	95.48
Divert 75% waste from landfill by 2022	94.47
Treat all waste prior to landfill disposal by 2025	90.45
Reduce incidents of problem waste (e.g. chemicals, etc.) in household collections	95.48
Reduce illegal dumping and littering	95.98
2. How important is it to you that Council addresses the issue of waste management as identified in the Draft Waste Management Strategy?	95.48
3. To achieve Council's target of diverting 75% of our waste from landfill, we require new technology commonly called Energy from Waste technology. If such technology is introduced in Sydney it could increase Randwick Council's landfill diversion rate from 56% to 94%. How strongly should Council explore this option?	91.46

The table above shows that the community support for the targets defined in the Draft Waste Management Strategy is very high (90% to 96%). More than 95% of the residents who made a submission feel the issues identified in the Draft Waste Management Strategy are important or very important to them.

More than 91% of the respondents strongly or very strongly support that Council should explore Energy from Waste technologies to achieve 94% landfill diversion.

Changes to the recycling industry in NSW – Energy from Waste

In relation to Energy from Waste as a future potential option for the recovery of waste, a parliamentary inquiry into Energy from Waste has recently handed its recommendations to the NSW Government.

The terms of reference looked broadly at waste management issues in NSW, seeking to understand the impact of waste levies, the role of waste to energy and its impact on the recycling industry, regulatory standards, guidelines and policy statements on this and references to regulations overseas. In addition, it focused on illegal dumping

and actions to prevent it, impacts of landfilling and the transport of waste out of the state.

The committee supports energy from waste in some circumstances and considered the current application received by Government for an energy from waste facility at Eastern Creek. With regard to this proposal the committee took into account the regulatory and policy framework established in NSW via the Protection of the Environment Operations (PoEO) Act, 1997, the Waste Avoidance and Resource Recovery (WARR) Act, 2001 and the NSW EPA's 2015 Energy from Waste Policy.

Utilising specialist, expert and community advice on the Eastern Creek Energy from Waste proposal, the committee has indicated it does not support the development for a number of reasons including:

- insufficient confidence in the performance of such a facility in terms of air quality and potential human health impacts and
- lack of certainty in the proposed facility to satisfy requirements of the NSW EPA's Energy from Waste policy, particularly in terms of type of waste providing fuel stock for the operation of the facility.

The NSW Government has indicated it will consider all the recommendations presented on waste management and energy from waste presented by the parliamentary inquiry.

A key element of the NSW EPA's Energy from Waste policy which enables local Councils to consider implementation or involvement of this technology is the provision of services that include red-lid rubbish services, yellow-lid recycling services, green organics recovery and food waste recovery. While the commencement of Energy from Waste on a wider scale in NSW remains at a very early stage, Randwick's Waste Management Strategy is largely compatible with the recommendations of the Parliamentary inquiry.

Changes to the recycling industry in NSW – China's National Sword Policy

At the start of January 2017, China began to stringently enforce restrictions on the importation of recycled materials under its National Sword policy. This policy has impacted the global market for recyclable material, including the recyclable material that is currently collected across Australia and including NSW.

Until recently, China was a large importer of recyclable materials, accepting more than 30 million tonnes of recyclables from all over the world every year. Australia alone sent 1.25 million tonnes of recycled material to China in 2016-17 which is now impacted by China's National Sword policy. A stand-out point with regards to the Chinese Government decision is that one of its main criticisms behind its ban on imports is the extent of contaminated material being sent with the recycling from countries such as Australia.

While industry faces immediate pressures to find alternative markets for recycled materials and improved processing to reduce the extent of contamination in recycling, this is seen nationally and across States and Territories as an opportunity to strengthen Australian markets and our own local recycling industry.

In March, the NSW Government announced a support package of up to \$47 million to help local government and industry respond to these global changes. The support package is being funded by the Waste Less, Recycle More initiative and provides a range of short, medium and long-term initiatives to ensure kerbside recycling continues and to promote industry innovation.

The funding will initially:

- enable councils to off-set some extra costs associated with kerbside recycling collections subject to guidelines
- improve council tendering processes to increase the production and use of recycled products
- fund community education initiatives to reduce kerbside recycling contamination.

The package also includes \$4.5 million to support co-investment in infrastructure projects to improve the quality of recycled materials produced by MRFs and reduce the amount of unrecyclable material left at the end of the recycling process, and \$5 million to fund grants and programs that identify new uses for recyclable materials and increase the production and use of recycled products.

The global changes to the recycling market means that recyclers are currently working to find new places to sell their recyclable materials. To assist industry, and to stop recyclable material from going to landfill, the EPA will consider temporary increases to stockpiling limits on a case-by-case basis.

This contract currently continues between Council and its service provider, but may change in the future. Council has allocated funds in the draft budget to dispose of the recyclables at a cost, if required, as has occurred in some regional areas and other States. At this point in time, Council's current recycler is largely stockpiling the material at its facilities in accordance with its EPA licence. Council officers are continuing discussions with our recycler to stay up-to-date on any future impacts on our contract.

More recently, Commonwealth, State and Territory environment ministers have met and agreed to cut Australia's supply of waste and to increase Australia's recycling capability and demand for recyclable products in response to China's new restrictions on recyclable waste.

Ministers agreed to the ambitious target that 100 per cent of packaging be recyclable, compostable or reusable by 2025 or earlier to cut down on the amount of waste produced in Australia. The 100 per cent target will be delivered by the Australian Packaging Covenant Organisation, working with its 950 member companies.

Nationally, Governments aim to examine opportunities to further develop Australia's recycling industry to process the four per cent of recyclable waste that would have previously gone to China. This included to advocate, where appropriate, to increase the amount of recyclable materials in goods purchased by governments, such as paper, road base and construction materials.

Food waste collection and processing

An opt-in food waste collection and processing has been underway for multi-unit dwellings in Randwick on a trial basis since around 2012. While this trial was established through external funding provided to Council, its main purpose was to establish and then refine 'best practice' methodology for food waste to be collected from the diverse dwelling type of multi-units across the City.

Current volumes of this type of waste are typically around 6 tonnes per month from a current group of 4,000 multi-unit households spread across Randwick. In keeping with the keen interest of residents in this form of resource recovery, including submissions received to our draft Waste Management Strategy, it is proposed to adjust Council's approach to food waste collection and processing.

Food waste service investigation and provision has been brought forward from the 5 to 10 year timeframe of Randwick's draft Waste Management Strategy and is proposed to form one of the key actions over years 1 to 5 of our Waste Management Strategy. As a result, the trial of food waste collection from multi-unit households would end and an opt-in food waste collection scheme would be adopted and phased in for those interested multi-unit households.

Delivery of this service would keep Randwick Council at the forefront of local government innovation in waste recovery services and enable Randwick Council to remain eligible for entering into an agreement with an Energy from Waste provider if such a service was approved by the NSW Government and satisfying requirements of the NSW EPA's Energy from Waste policy. Accordingly, if and when this new technology was available for local Councils, our waste diversion target is capable of moving from a likely rate of approximately 60 per cent diverted from landfill to more than 90 per cent.

An important feature in gaining acceptance of food waste opt-in options for households, understanding energy from waste benefits and its related technologies, and increasing Randwick residents' contribution to minimising contamination of recyclable materials is education and raising awareness amongst our changing and diverse population throughout the timeframe of our Waste Management Strategy.

Relationship to City Plan

The relationship with the City Plan is as follows:

Outcome 10: A Healthy Environment.

Direction 10e: Waste is managed sustainably to ensure highest level of resource recovery.

Financial impact statement

Any savings or additional costs in implementing the Action Plan following the first five years will be reflected in the reasonable cost calculation for Randwick's annual Domestic Waste Management Charge as required under section 504(3) of the *Local Government Act 1993*.

Any costs or savings associated with the introduction of any initiatives associated with the strategy will be incorporated into future budgets for consultation.

Given the recent impact on the market for recyclables, sales of recyclable commodities cannot adequately offset the cost of performing recycling processing, particularly in the short term. Depending on legal advice, it is likely that Council and our recycling contractor will need to consider renegotiation of a charge that it is different to its current pricing. This has been accommodated in the draft budget for the forthcoming financial year.

Conclusion

The draft Waste Management Strategy was on public exhibition for six weeks. Between 90 per cent and 96 per cent of the respondents either support or strongly support the waste management targets set out in the Draft Waste Management Strategy 2017-2030.

More than 91 per cent of respondents strongly or very strongly support Council's investigation of Energy from Waste technologies for processing of residual waste following high level of recycling which could potentially lead to more than 94 per cent landfill diversion.

Considering the community feedback received during the public consultation, the Draft Waste Management Strategy has been finalised for Council consideration and approval.

References

1. NSW EPA – NSW Waste Avoidance and Resource Recovery 2014-21
2. City of Sydney – Waste Strategy and Action Plan 2017-2030
3. Waverley Council – Sustainable Waste Strategy 2015-2020

Recommendation

That Council adopt Randwick's Waste Management Strategy, 2017-2030.

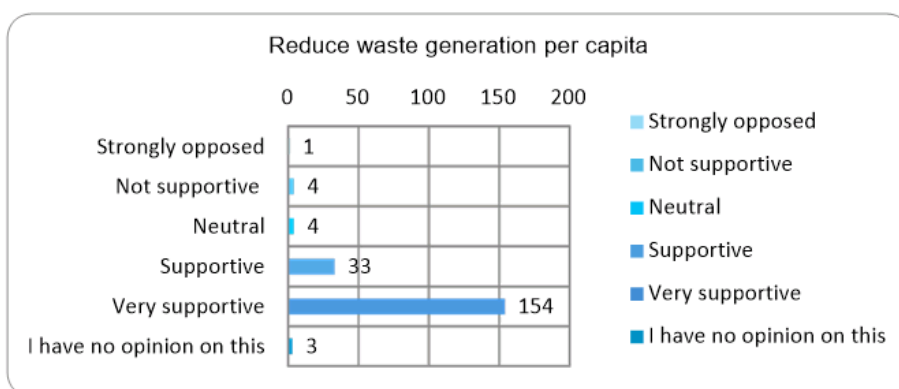
Attachment/s:

1.   Public Consultation Results - Waste Management Strategy 2017-2030
2.   Public Consultation Submissions
3.   Waste Management Strategy 2017-2030

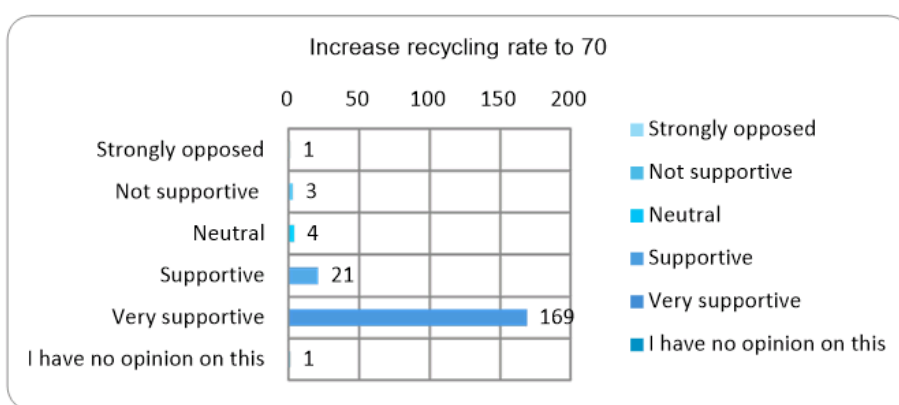
ATTACHMENT 1**WASTE MANAGEMENT STRATEGY 2017-2030
PUBLIC CONSULTATION RESULTS****SURVEY RESPONSES**

1. How supportive are you of the targets set by the Draft Waste Management Strategy?

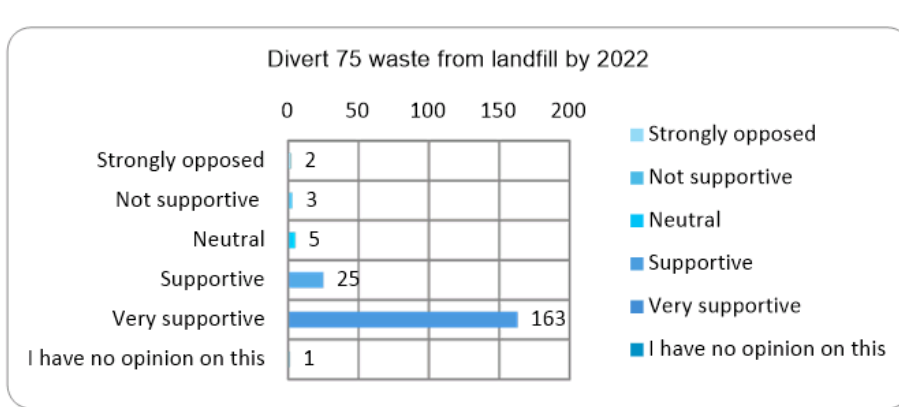
Reduce waste generation per capita	
Strongly opposed	1
Not supportive	4
Neutral	4
Supportive	33
Very supportive	154
I have no opinion on this	3



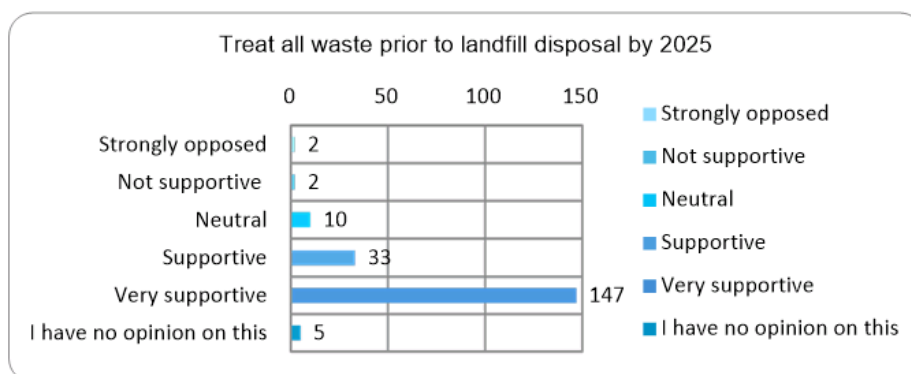
Increase recycling rate to 70%	
Strongly opposed	1
Not supportive	3
Neutral	4
Supportive	21
Very supportive	169
I have no opinion on this	1



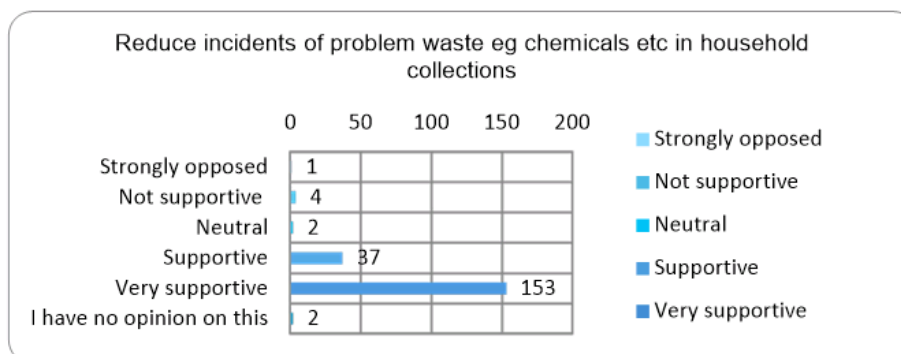
Divert 75% waste from landfill by 2022	
Strongly opposed	2
Not supportive	3
Neutral	5
Supportive	25
Very supportive	163
I have no opinion on this	1



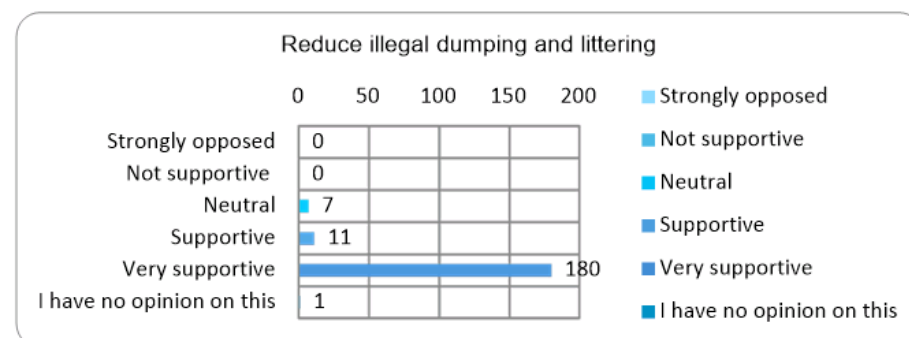
Treat all waste prior to landfill disposal by 2025	
Strongly opposed	2
Not supportive	2
Neutral	10
Supportive	33
Very supportive	147
I have no opinion on this	5



Reduce incidents of problem waste (e.g. chemicals, etc.) in household collections	
Strongly opposed	1
Not supportive	4
Neutral	2
Supportive	37
Very supportive	153
I have no opinion on this	2

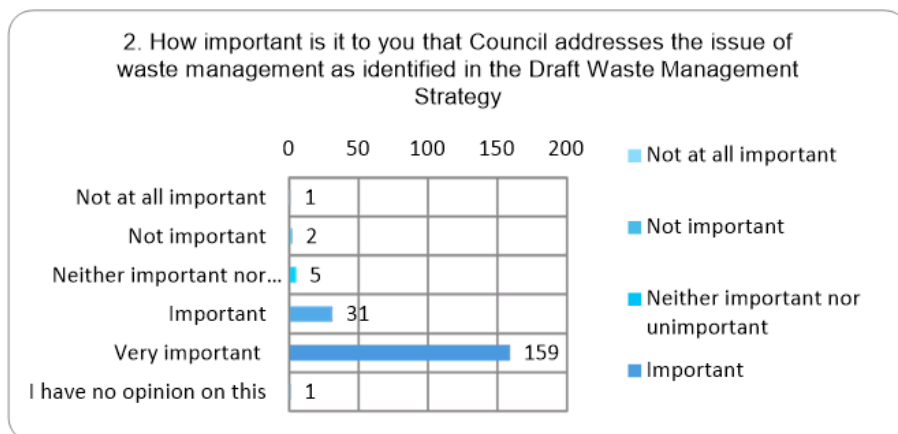


Reduce illegal dumping and littering	
Strongly opposed	0
Not supportive	0
Neutral	7
Supportive	11
Very supportive	180
I have no opinion on this	1



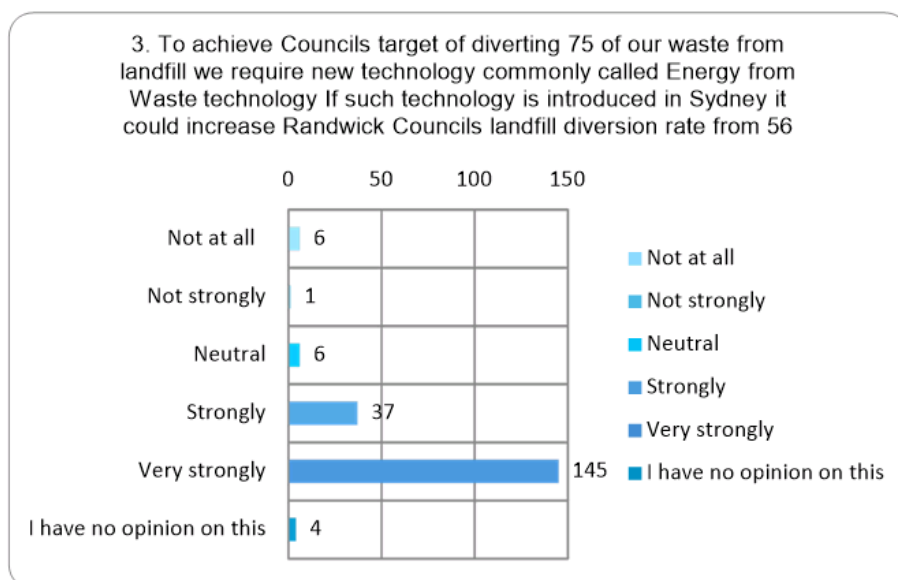
2. How important is it to you that Council addresses the issue of waste management as identified in the Draft Waste Management Strategy?

2. How important is it to you that Council addresses the issue of waste management as identified in the Draft Waste Management Strategy?	
Not at all important	1
Not important	2
Neither important nor unimportant	5
Important	31
Very important	159
I have no opinion on this	1



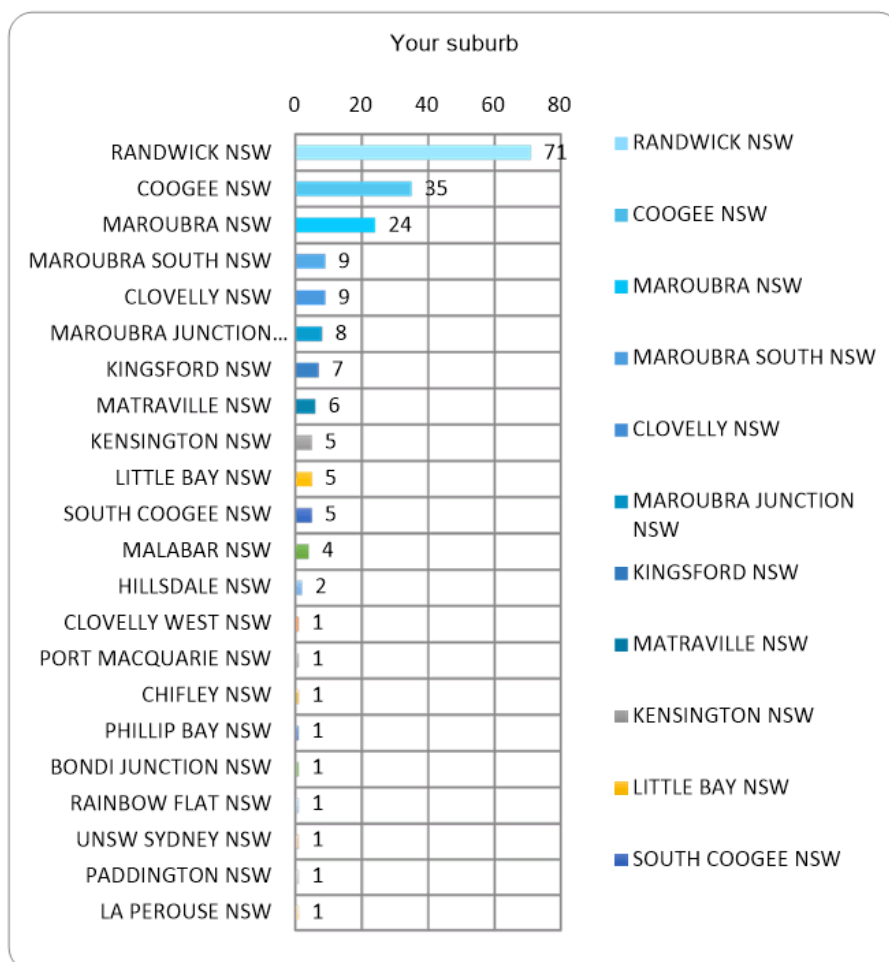
3. To achieve Council's target of diverting 75% of our waste from landfill, we require new technology commonly called Energy from Waste technology. If such technology is introduced in Sydney it could increase Randwick Council's landfill diversion rate from 56% to 94%. How strongly should Council explore this option?

3. To achieve Council's target of diverting 75% of our waste from landfill, we require new technology commonly called Energy from Waste technology. If such technology is introduced in Sydney it could increase Randwick Council's landfill diversion rate from 56% to 94%. How strongly should Council explore this option?	
Not at all	6
Not strongly	1
Neutral	6
Strongly	37
Very strongly	145
I have no opinion on this	4



4. Responses by suburb

Your suburb	
RANDWICK	71
COOGEE	35
MAROUBRA	24
MAROUBRA SOUTH	9
CLOVELLY	9
MAROUBRA JUNCTION	8
KINGSFORD	7
MATRIVILLE	6
KENSINGTON	5
LITTLE BAY	5
SOUTH COOGEE	5
MALABAR	4
HILLSDALE	2
CLOVELLY WEST	1
PORT MACQUARIE	1
CHIFLEY	1
PHILLIP BAY	1
BONDI JUNCTION	1
RAINBOW FLAT	1
UNSW SYDNEY	1
PADDINGTON	1
LA PEROUSE	1



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ATTACHMENT 2**WASTE MANAGEMENT STRATEGY 2017-2030
PUBLIC CONSULTATION SUBMISSIONS**

#	Submissions	Comments
1	Clearly increasing recycling and using other strategies to reduce waste going to landfill are very desirable aims, but presumably they will involve significant additional costs, which may differ significantly according to the strategy adopted. Thus I found it very disappointing not to see any estimation of the costs involved. These would obviously affect responses to the above survey.	This document is intended to set the strategic direction for Council over the next decade. Any additional costs to ratepayers will be subject to additional community consultation and approval by Councillors during budget process.
2	You should concentrate on garbage collection not spilling bins over and leaving all waste for residents to clean up	Noted. Council does it best to reduce bin spillage when collecting bins and the rate of spillage overall is very low.
3	I strongly support any initiative by council that diverts waste from landfill. Burning it in a high temperature incinerator to generate energy as is done in Denmark would be a great start.	Noted, thank you for your comments. Waste to Energy is extensively used in Europe.
5	OUR HOUSE HOLD STRONGLY SUPPORTS RANDWICK CC AND ITS DRIVE FOR MORE SUSTAINABLE LIVING THROUGH MAXIMUM RECYCLING AS OUTLINED IN THE REPORT	Noted, thank you for your comments.
6	If it does not place any extra charges on our rates then go for it BUT if it means placing more financial stress on households then leave it as it is. We don't need council raising our rates more than allowed.	There is no immediate extra cost for ratepayers to pursue the directions outlined in the strategy. Should new technologies become available which have benefit to community but cost more, additional community consultation will be carried out.
7	It all depends on cost Also many apartments do not sort rubbish well for recycling. Need more incentives and penalties	Noted, Council will continue with its education programs. Any increases in Future costs will be after consultation.
8	Looking for Council support in relation to the container deposit scheme including making sure there are reverse vending machines widely and readily available to residents (within walking distance) and/or ensuring deposit refunds through council recycling are fully passed on to ratepayers	There are a number of places within Randwick City to obtain refunds for the CDS legislation. Council is currently negotiating.

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#	Submissions	Comments
9	I have read over Council's draft management strategy and I am disappointed by the lack of innovation around Council's response to Bulky waste - especially given that Council acknowledges that this area has great potential for increased resource recovery and landfill diversion. At the moment this draft plan relies upon an as yet unbuilt facility in Sydney that can process the highly calorific value of bulky waste that can be recovered in an energy from waste facility. This is a very limited perspective on what is such a huge problem area. There are so many innovative solutions around bulky waste eg Upcycling and creative reuse -I'm adding the definition here as it seems to have been so overlooked in this draft management plan: def: the process of transforming by-products, waste materials, useless, or unwanted products into new materials or products of better quality or for better environmental value. Just about all of the items listed in your bulky waste audit have been upcycled in innovative ways by organisations such as the Bower, Reverse Garbage, Reviva Centre Moss Vale etc etc Wood 15.3% Mattress 4.6% Furniture 32% E-waste 6.4% Plastic 5.4% Carpet and textile 4.6% Paper and cardboard 3.6% Metal and whitegoods 6.7% Building waste 3.2% Vegetation 1.6% Glass 1.9% Other 13.7% Hazardous 0.9% Graph 5: Composition of Composition of bulk waste (clean-up) First-Hand Solutions did work with Council many years ago and did bike building workshops at La Perouse school and the PCYC with bikes thrown out in clean-up. I've personally undertaken upholstery courses to renovate furniture I've found on Council kerbside on the suggestion of your sustainability team and can recommend people who could run this in the Randwick Council area. I attach a very old submission we made to Botany Council in 2014 after an unsatisfying meeting with Randwick Council with the former Mayor and current Co-ordinator of strategic waste in the hope that some of the ideas in it might get people thinking more creatively around bulky waste - especially around clean-ups when on any given street you can find perfectly good items that could be re-used and upcycled that instead get crushed in the dumpster.	Thank you for your detailed consideration of Council's Waste Strategy. Council is proposing to continue offering residents two free on call clean-ups and two free scheduled clean-ups a year. Material collected through the on-call cleanouts is recycled to the best of Council's ability. We arrange for different trucks to collect different material based on whether it's normal recyclable material, metal, mattresses or general waste. We will continue to explore creative ways to reduce our waste. Metals and white goods are recycled. Mattresses are recycled. Paper and cardboard are recycled (currently stockpiled). Glass is recycled (currently stockpiled). Vegetation is recycled.

#	Submissions	Comments
	Indeed its not uncommon to find completely new electricals that haven't even been taken out of their packaging. Obviously, consumer education around packaging and consumption would help, as might incentives to upcycle or recycle the items themselves. I am happy to contribute to discussions around this area as when I read this draft management plan about how much Council has diverted from landfill yet follow your trucks around on Clean-up days and see how much is crushed, I am surprised there is any reduction in this area at all.	With any future contracts more bulky goods including items such as timber will be recycled.
10	I am opposed to anything that would increase cost to council or ratepayers. I note that a waste incineration scheme was tried by Waverley and Woollahra councils some years ago. The Waterloo incinerator. This was unsuccessful and I have read nothing in the press or scientific literature that suggests technology has caught up. I note that your questionnaire is very loaded and I don't think the results would be valid.	Thank you for your comments. Technology around waste to energy has changed and improved dramatically in the past decades making it potentially viable. Any additional costs to ratepayers will be subject to additional community consultation and approval by Councillors.
11	Energy from Waste technology: cost must be kept reasonable. I witness a general lack of recycling enthusiasm by residents, especially at home when selectively disposing of waste. I believe a lot of plastic and paper goes to red bins whereas it could go to the yellow ones.	Thank you for your comments. Better sorting of material at the source is important as it results in higher diversion rate. Council will continue to educate and talk with residents to improve recycling rates.
12	The management of land waste and sea waste is possibly the most urgent issue facing society, after addressing the effects of climate change. They are intrinsically linked. We need to understand how to control waste, how to better re-use resources, to adopt a communal approach to disposal of organic waste. I am very encouraged Randwick Council is taking these steps. Thank you. We can lead the way to a better quality of life for all in our communities.	Thank you for your comments, we appreciate your support. Council provides free mulch days and supports community gardens.
13	I think it is very important to reduce our landfill but I would like to see some comparisons of costs and benefits (i.e. how much will it cost ratepayers?)	The immediate actions in this strategy do not involve any increases in Council's fees and charges. As technology becomes available, Council will at this point undertake a feasibility of costs and benefits

#	Submissions	Comments
		and conduct additional community consultation.
14	Energy from Waste technology can have really toxic consequences for air quality so I do not support it.	Modern waste to energy facilities use some of the most advanced filtration and extraction techniques known. In many countries they operate in residential areas. Council would undertake more investigation of the technology and costs should it become available for Council's use and environmental and health considerations would be of utmost importance.
15	Energy from waste has much zero experience in other countries. It would be risky to attempt this on commercial scale in Australia at present with so much uncertainty around energy policy.	Council would require a private or government operator to setup a waste to energy facility to take Council's waste stream. Should this occur there would be minimal risk to Council.
16	Waste to Energy is not a Waste Policy. And you need to be honest with the community- I am not suggesting that you aren't- that this is what you are proposing. Waste to Energy is a waste of resources as it reduces what we call Waste to a last single use: burning. The technology adds to the levels of particulates in to the atmosphere, particularly in the area where the Incinerator is operating. These have considerable negative health consequences for people who live nearby. Do we simply want to shift our responsibilities for what we produce onto other communities It is part of our emissions that count towards the GHGs we release. WtE avoids a better discussion with the local community about approaches to consumption and there communities' willingness to engage in a better level of source separation. Randwick CC has an enviable record for community engagement and community care. This is the worst idea I have ever been aware of that it has proposed.	Thank you for your feedback. The environmental and health impacts of a waste to energy facility would be of utmost importance for Council to explore further should a facility become available in Australia. More community consultation would be undertaken.

#	Submissions	Comments
17	fully in support of the approach a positive move. Does it have any financial implications and negative enviro impacts	Thank you for your support. There is no immediate extra cost for ratepayers to pursue the directions outlined in the strategy.
18	We should advance the technology with waste management, I especially like the recycling and repurposing materials which can reduce a vast amount of landfill.	Thank you for your comments.
19	In Europe and Japan they burn as much waste as possible which generates energy for use. While this costs money to implement we should follow their example to reduce the amount if waste going to landfill.	Thank you for your comments. Council will pursue this technology option further should it become available in Australia.
20	Randwick Council have been at the forefront of recycling for some time and residents in other councils (and countries) are envious of what we do. We must continue to be as green as possible and make it as easy as possible for the community to participate.	Thank you for your comments. We will continue to reduce our waste and work closely with residents.
21	Note that illegal dumping is probably occurring partly due to the high cost of non-council disposal, with Viola shutting down the other options are prohibitively expensive. The Randwick recycle centre is great, yet doesn't cover off enough materials (i.e. dirt).	Thank you for your comments. We will explore the option of accepting further materials at the Recycling Centre.
22	I am very supportive of reducing our landfill. I find it frustrating though that the recycling bin is only emptied every 2 weeks. My family of 5 works hard to increase our recycling and we regularly struggle to not overflow the recycling bin over 2 weeks. We came from the Waverley council where they not only provided a blue bin for paper and a yellow bin for plastics/bottles but they also took both every week. If we are serious about recycling we need to give people weekly recycling opportunities.	Thank you for your comments. Our feedback shows one large yellow-lidded bin is sufficient for many households over a two week period. We are proposing to provide an extra service around the Christmas period.
23	We could be doing so much more to reduce our impact. Can you introduce a council compost bin for those who don't have space to do themselves?	Council provides residents with the ability to access a heavily subsidised compost bin our worm farm through our Compost Revolution program.

#	Submissions	Comments
24	Sydney is far behind rest of the western world in many areas of waste management. I would strongly support initiatives such as: - Plastic bags fees for all retailers (minimum 25c) - Tax on single-use plastics - High fee (minimum 20c) container deposit scheme for all glass bottles and aluminium cans - Allow plastic bags in regular household recycling collection (currently they have to be taken to specialized collection points such as supermarkets). - Allow additional types of plastic in household recycling such as clear produce packaging, and other grocery plastic packaging - Kitchen waste collection It is hard to believe that our beautiful coastal city is not doing much more to protect the environment and fight ocean pollution. I lived previously in Toronto, Canada (comparable demographics, culture, economy size etc.) and all above options have been available for many years there.	Thank you for your feedback. These suggestions are innovative and we welcome your ideas. Changes such as plastic bag fees, taxes, higher CDS charges etc are a matter beyond Council's control. We currently provide residents to recycle all material that is able to be recycled by our contractor. As technology improves and more material is able to be recycled, we will include this in the material that can be put in your yellow-lidded bin.
25	My concern is that the current articles placed into recycling bins are not actually being recycled but end up in Landfill.	Material placed in your yellow-lidded recycling bin is collected by our nominated recycling contractor who is required to recycle the materials. Until recently, majority of material collected is recycled.
26	There should also be more effort in educating people about recycling. Possibly recycling should also be incentivized, as unfortunately people only care once there is a monterrey benefit for them.	This is an interesting idea and Council will pursue this further. Education has been included in strategy.
27	We would need to know the cost of diverting so much waste, but it would certainly be worth exploring as an option.	The immediate actions in this strategy do not involve any increases in Council's fees and charges. Council would investigate the cost and benefits of taking up any future technologies before deciding whether to proceed.
28	I live in a small block of flats, 3 of which are rented by young people from OS. In spite of my efforts to inform the tenants of the correct sorting of recycling vs landfill via colourful posters obtained from my workplace, they seem to ignore	Thank you for your comments. Getting students and new residents to recycle is an ongoing challenge for Council. We have a

#	Submissions	Comments
	it. I suspect it's laziness. I don't want to be 'that person' who berates other tenants & am a bit frustrated by their lack of interest.	range of education and communication programs to target this in the strategy.
29	Food waste is a huge component of the waste stream; there is progress with technologies including anaerobic digestors, which should be introduced to NSW and council could support - its time to initiate kitchen/food waste collection as councils are doing world wide see Edinburgh City Council in Scotland.	Thank for your comments. Council is continuing with its kitchen food waste program targeting apartments and we will consider future disposal options such as anaerobic digestion as these facilities become available.
30	The Council is powerless to reduce the production of waste, i.e. reduce waste from packaging, plastic bags, getting manufacturers to take waste back etc. reducing the production of waste is the best way to achieve high targets. Next is to make more packaging recyclable and make it easy to recycle materials. I leaved in The Netherlands nearly 30 years ago and this was in place there so what are the legislative barriers, national or state, to implement proven strategies here. While I agree that Waste to Energy is a valid long term strategy to achieve 90%+ recycling if we do not attack waste at source first then these facilities will be far to expensive and never get off the ground.	Thank you for your comments. We agree! The strategy requires a detailed education program to be developed.
31	I support any initiatives that reduce waste going to landfill	Thank you for your comment and support.
32	Living in a large complex of units we have the problem of dumping due to the constant movement out of residents leasing property. Contacting Council is rarely used for a pick up. Trying to get all residents to place the appropriate items in the correct bins esp. Red and Yellow is often flouted ignoring notices etc. Green bins are not a problem. This can be monitored. We are a real challenge regarding the Strategy which is an excellent document.	Thank you for your comments. Getting students and new residents from other countries to recycle is an ongoing challenge for Council. This strategy requires an education program.
33	A brilliant idea for Randwick and possible as some countries have been using this method of diverting waste into energy for years. I'd like to see more re-cycling or re-using. It is a shame that a great deal of dumped 'rubbish' on the streets could be used rather than squashed in the rubbish trucks. Can't council do something about banning all plastic bags from the municipality? Well done council for using re-cycled plastic for the boardwalks in the Fred Hollows Reserve, a good start!	Thank you for your comments and support. Unfortunately we have no legislative power to ban or prohibit plastic bag usage. We encouraged to see more and more retailers saying no to plastic bags.

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34	It is one thing to manage waste. Perhaps it is going to become more important to reduce the amount of waste we produce. A book written a few years ago created the paradigm, "Waste = Food". In other-words the only material we will one day put out into nature will be biodegradable. Nature knows not waste. ALL products of the living world must be able to be processed by the micro-fauna and flora. The only answer is education at schools and in the community, and by businesses working within the city boundaries.	Thank you for your astute comments. We will continue to work hard on our education programs. The strategy requires the development of a new education program.
35	Dear City of Randwick, I'm so proud to say that I'm a resident of a local council that is so strongly committed to reducing human impact on the environment through waste avoidance and management. I just had a few points to raise: a) SOFT PLASTICS I read that this waste type is accepted for drop off at the Randwick Recycling Centre in Matraville, however, this of course involves people (a) knowing the service is available and (b) making the effort to separate the waste and drop it off. I don't think we're anywhere near that stage on a grand scale yet so it may need to become part of the collection service, or be put into the standard recycling bins and separated by the recycling facilities. Anecdotally I can tell you this though - the Hobson's Bay City Council (Victoria) where my parents live in is already providing a separate bag for soft plastics. For me - none of the councils I've lived in have provided this service so I take all of my soft plastics to the supermarket bins (which are now overflowing). Before watching the ABC's War on Waste series I thought these were just for plastic bags, but it turns out the list is huge. And I can confirm, through my own experiment - that I reduced my landfill by FIFTY PER CENT by separating my soft plastics and I don't even compost my food waste (yet!). Honestly - there were more soft plastics than food waste and I cook meals with fresh food at home nearly every day. b) EDUCATION Keep up the good work with the awareness campaigns and fines for littering on beaches. Unfortunately there will always be a percentage of people who are apathetic, ignorant and disrespectful, so they're the ones who need policing,	Thank you for your submission and detailed comments. a) the different collection points is because only a few organisations are able to recycle these bags. We will continue to explore options for more convenient collection and on a larger scale. We will explore a Council mobile facility. b) Thank you for your comments. We will continue to do our best to educate and inform residents about best recycling practices.

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	punishment and public shaming for their actions. At the end of the day, we don't police what people put in their bins so there'll always be a group who will contaminate the system. I remember learning about how to recycle in primary school in the 1990s, yet I know many adults who don't know or don't care what goes into the recycling bin and what doesn't (and actually needs to go to the recycling depot like electronic waste). Council public bins and apartment blocks are particularly notorious for this, and even worse if there's no clear signage about what goes where. c) NAPPIES AND SANITARY WASTE Not addressed: long term solution for the collection and composting of children/adult nappies and period pads and tampons. Reusable nappies and pads (or menstrual cups) exist but are not widely used yet, so up until then we need a solution that can deal with the waste of the huge amount of existing disposable products - which I assume would be via a bulk collection service followed by composting. On a related note - PET POO. While there may be a tiny percentage of people who would flush this waste or compost it, the majority is wrapped in soft plastics and thrown into landfill bins. This is a major contaminant, just like the human waste (as mentioned above in nappies/sanitary items) and needs to be considered. d) And in closing: Who's responsibility is it to educate people on waste avoidance? It's your 'Most preferred' option in your Waste Hierarchy inverted pyramid, however, even though I realise how much waste we currently create and need to deal with on the spot, I don't feel like your strategy reflects any strong solutions for avoiding it in the first place. I don't mean in the sense of transforming the waste so it is diverted from landfill (which is a fantastic solution for now and one that council will excel at), but actually rethinking the products and packaging we produce, the materials they're made from, how we use them, how we sell food and forcing people to BYO a lot more than what	c) There is no current recyclable option for this waste. However some manufacturers are increasingly making disposal nappies which break down more quickly. Doggie do bags also typically are made from plastic that is biodegradable. d) this continue to be a responsibility and major priority for Council. We'll keep doing our best to address this important issue. Education on consumer choices is required.

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	they do (e.g. food containers and bags/boxes to supermarkets, reusable food wraps, coffee cups, straws, water bottles, drink cups etc). There's so much exciting and fun stuff we can do - do let me know if I can get involved - somehow waste management and sustainable/non-toxic products have become great passions in my life! Thank you for listening, and good luck.	
36	I think any attempt to recycle, re-purpose or reuse waste should be explored fully. The continued practice of waste into landfill or incineration should be drastically cut.	Thank you for your comments. We agree that avoiding waste or recycling or reusing are the priorities.
37	Please increase the ratio of yellow bins to red bins in households especially for unit dwellings. I think it could be the starting point to increasing recycling rate as no additional workforce is needed. There is always a problem with overfilling of yellow bins in our six-unit house so great part of recyclable rubbish eventually goes to red bins.	We would be happy to provide more yellow bins for your premises. Council provides extra recycling bins free of charge at this stage.
38	I'm very supportive of anything that we can do to reduce, reuse, recycle...	Thank you for your comments.
39	Interested in food and garden organics being rolled out to houses too. Currently compost, but would be good to have collection of non-recommended compostable food items (e.g. meat/bones/etc) in the green bin. Would be good if this option can be expedited.	Thank you for your feedback. This option will be considered as part of the strategy when the technology permits. We will offer opt-in food waste service as part of strategy.
40	Perry St Recycle needs more advertising Add Smaller recycling locations elsewhere in Randwick	Thank you for your feedback. We are currently working on additional communication for the Recycling Centre. It would be difficult to create another centre elsewhere in Randwick City as it needs to be located in an industrial area.

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41	More recycling, less plastic, less packaging. Let's go back to basics!! We need to act FASTER!	Thank you for your comment.
42	It is scary to think that council believes by burning waste it disappears... ever heard of CO2 emissions? What happened to the food waste trial. A) how many more years do you want to trial this before making a decision to roll this out? Australia is about 30 years behind Europe on this topic... B) where did the food waste bins go? Ours disappeared twice in the last 3 or so months. First bin was replaced with different colour lid (green), soon after disappeared again. You make bold statements about keeping residents informed - what is going on? I have not had any Informationen about this in months and keep throwing food waste into green garden organically. Why you feel the need for different bins for garden and food organically is beyond me. Study what is being done overseas and copy it. That shouldn't take years to implement!	Thank you for your comment. Council would look into the environmental and health implications of waste to energy prior to considering using this new technology. The food waste trial is continuing. Council will explore rolling out food waste more broadly once there is the ability to collect it in the green waste bin without the need for an additional burgundy lid bin.
43	After reading draft strategy, I would like to make a couple of suggestions. I live in a multi unit dwelling (66%) and I agree with what is in strategy. Can I suggest to make stick on notices on bins bigger/brighter/'louder'..and so they can be molded around the grooves of bin, they are too small. Also, majority of unit dwellers are uni students. Can you get Real Estate agents on board with strategy actions...give them waste calendars & council publications to distribute with leases, advise of penalties/reduction of bond return for illegal dumping on nature strips when they move out. This is a frequent occurrence in my unit block. Thank you.	Thank you for your suggestions. They are good ideas and our Waste Education Officers will take them up as part of our future education activities.
44	Seperate compostables (food scrapes) from regular rubbish (seperate bin). Treat the compostables so it becomes compost and sold or used by council. This is done overseas and it reduces the garbage going to landfill by 50%	Thank you for your comments. Collecting food waste on a large scale is part of the strategy for future consideration.
45	The research does not show that large recycling is cost effective. Properly organised multi-Council landfill and associated electricity production at remote sites would be far more cost effective and revitalise country rail and employment. it is doubtful that there is going to be an on-going economically sound recycling market , eg. plastics. Australia, NSW in particular is blessed with railway lines to nowhere , huge vacant land with little economic value , esp. old mines needing rehabilitation.	Thank you for your comments. Recent events suggest that State Government funding is required for a sustainable recycling industry.

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46	Good luck. Not sure how you'll police it	Noted.
47	Council needs to provide more recycling bins to unit blocks- 1 per 2 apartments or fewer is not sufficient	Thank you for your comments. More recycling bins can be provided upon request.
48	3. How do we know that this is the only option, and that it is required? That is why I am undecided. Sorry if I missed this in your information.	Noted.
49	I am afraid that Energy from Waste is going to: 1) increase air/water/soil pollution; 2) hide the real problem - large amount of waste generated - by burning it. In short, it should be the last thing to do. If you have waste which is unavoidable, cannot be reduced, reused or recycled, then generate energy from it, and turn the resulting soot into fertiliser or otherwise find a way to utilise it. Do not dump potentially poisonous substance into landfill, however well-fenced. Hold fast-food (7-11, McDonalds) and other shops responsible for wasteful packaging (coffee cups, slurpees, plastic and even paper bags). Support "Take 3 for the Sea". initiative. Put rubbish bins at every bus stop. Encourage people to Reduce, Reuse, Recycle. Make sure that rainwater-catching structures such as road-side gratings are well-capable of filtering out rubbish, and do not allow plastic to reach the sea. Bins for household food waste sound like a nice idea.	Thank you for your comments. Technology around waste to energy has changed and improved dramatically in the past decades making it a viable and sustainable option. Any additional costs to ratepayers will be subject to additional community consultation and approval by Councillors. Council operates approximately 30 Gross Pollutant traps on our stormwater network. These very large pits collect rubbish and debris collected by stormwater runoff and prevent it being washed out to sea. As part of the strategy, Council will allow an opt-in food waste bin.
50	I have recently holidayed on the south coast and Kiama council (or whatever they are called now?) have a great program aimed at all compostable waste including meat. All food scraps are put in a green bin which is collected weekly the other bins fortnightly. it was amazing to see how much we put in the green bin which if we were at home would have gone into the red bin and landfill. I would love to compost but simply do not have the space or the use for the compost created. This sort of program would be one i would wholeheartedly support.	Thank you for your feedback. Council has trialled food scraps collection for a few years now and it has benefits. We are considering expanding it once technology provides for collection and processing within the green waste bin to avoid having to have a fourth bin. In the meantime,

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		Council will allow an opt-in food waste bin in the interim term.
51	Recycling is incredibly important and something the whole community can get behind and participate in. I despair at seeing rubbish sticking out of yellow bins and wonder what more we can do to educate and engage people about doing the right thing with waste. Not hard!	Thank you for your comments. 1) We agree and are currently looking at updating our customer service system to allow faster and wider range of response mediums. 2) Council Waste Education Officers will include this idea for consideration as part of development of any future waste education strategies. 3) Council employs two fulltime Public Place Officers whose role it is to proactively identify issues or matters for Council to respond to. These officers currently identify and proactively report the majority of illegal dumping incidents in the community. We also receive good feedback from local residents too which helps us keep the streets clean.
52	I routinely email council to report dumped items along Randwick streets. It is frustrating how many short term visitors treat our neighbourhoods like a tip. After using this process for several years, I would like to offer a few improvements which could most cost effectively identify the issue and save time, paper and resources. Council communications procedures 1.) if I email an issue, an email reply is sufficient. If I send a snail mail letter with an issue, a snail mail letter reply would be appropriate. Weeks after I report dumping, I receive a snail mail letter outlining that the measure has	1) Comments of email responses to customer request has been noted. We will work with IT on this.

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	been addressed. Surely, if I send an email an email reply is sufficient or really, just removing the dumped items would show that the message has been received. This is a waste of paper, postage and time to the officer writing, printing, signing and mailing this letter and to the post man, me, the recycling team. Council - real estate agent communications 2.) this dumping intensifies at the end of the month, when short term leases expire. As the waste strategy identifies this pattern, perhaps a monthly end-of-month reminder could go to the real estate agents within Randwick and request that they remind tenants that dumping is illegal and that they can book a free removal. Real estate agents have an end-of-lease check and would surely notice the pile of rubbish out adjacent to or in front of their tenancy, it is frustrating that no one is penalised for this behaviour. Council ranging process 3.) as Council rangers are already making rounds of our community, they could note dumping and schedule removal much quicker than waiting for one environmentally aware resident to see the issue, photograph it and email it to council for response within 15 days. The rangers have been very active in Coogee, ticketing illegally parked cars. Whilst they are on the same street, perhaps they could lodge / request the clean up? I hope that this is an issue can be addressed, it seems like a pretty obvious, comprehensive approach to get the council rangers to help identify dumped items and schedule a pick up.	2) Council education officers contract local real estate agents to provide them with information. 3) Your comments regarding the rangers is noted.
53	Waste management, including litter minimisation and remediation should be one of council's highest priorities. Energy from waste is not the only option to reduce landfill, though done optimally it does have merit. High temperature incineration can have disastrous consequences if not managed correctly and errors can and do occur. Converting waste via plasma gasification technology is far safer and more effective, if more expensive. No incineration should take place in or near to populated areas . The Sydney Water treatment plant site at Fisherman's Road/Franklin St is not an option.	Thank you for your comments. Council will consider all associated health and environmental considerations with waste to energy technology should it become available in Australia. Other options like the one you mention will also be explored.

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54	It is logical and sensible to reduce waste and consider new ways to do this. Start with council clean up. We should divert this waste to recycling rather than landfill where possible.	Noted. Thank you for your comment. A large amount of clean up waste is currently diverted.
55	We are quite supportive of the above, but not if it means a huge increase in our rates!	Thank you for your comment. There is no immediate extra cost for ratepayers to pursue the directions outlined in the strategy. Should new technologies become available which have benefit to Council but cost more, approval is required by Councillors and additional community consultation will be carried out.
56	We need a local solution for soft-plastic recycling and collection from households.	Council and a number of local retailers currently collect soft plastics for recycling.
57	Could Randwick City Council instal one those NSW Government recycling machines in the Council depots in Storey Street and Perry Street to enable residents to deposit the bottles.	Council has made the centre available to for a recycling machine but the operator of the scheme has not taken our offer up.
58	Spend more time reducing your cost,rather than increasing our rates.	Thank you for your comments. Council tries hard to keep our costs low. We are highly efficient with our resources and use technology to do more with less. As an example, we have fewer staff than our neighbouring council areas and yet we have a larger geographic area and population base. Our customer satisfaction rating continues to be high.
59	Recycling should be a lot higher up the agenda. Shipping our recycling to China is bordering on criminal. About time we started being ambitious and be one of the leaders in the recycling field! I hope you get the support for the plans	Thank you for your comments and support.
60	Why wait till 2025?	Thank you for your comment. Should the technology become available earlier,

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		Council will prioritise our strategy to explore it.
61	Polystyrene is a problem, especially the small beads that you currently do not recycle. I also think you should have kerbside collection of polystyrene.	Thank you for your comments. Council accepts polystyrene for recycling at our Randwick Recycling Centre in Perry St, Matraville.
62	The council also needs to educate residents re what goes into each bin. I am disgusted with what I see falling out of recycling and green waste bins. Also. Bins need to better stored off the street between collection.	Thank you for the comment. We will continue to prioritise our education activities.
63	It is interesting that these questions are posed to obtain positive answers. I am aware of several problems associated with the suggested collection methods, especially with food stuff. There are no suggestions on how to deal with the problem of how to deal with the growing problem of rats and other vermin attracted by the smell of rotting food. I also would not be keeping it near my house. How does the council suggest that people without cars get their goods to recycling centres. This would also include bottles etc. This going to be a growing problem with the council discouraging car ownership and lack of parking.	Comments are noted. Food waste service will be an opt-in service.
64	We need lots of second hand clothing bins like the green lid bins. Renters of unit blocks move all the time and dump clothes in the red / yellow bins. They don't want to carry them due to not having a car and so put them anywhere. If a bin was put on each block for this it would reduce waste.	Thank you for your comment. There are clothing recycling bins located in most town centres and they are managed by charities. We appreciate the positive sentiment behind your comment, but it would not be feasible to implement on this scale. Education on disposing of clothing.
65	I would like to see it go further: Need to address single use plastic issue particularly with local business. Regular street cleaning to deal with organic waste in gutters More details on keeping beaches and ocean clean	Regulating use of materials by business is more of a state or federal issue. Council regularly cleans gutters by hand and with mechanical street sweepers. We are currently developing a stormwater education and communication campaign.

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66	I strongly support any reduction in waste as well as developing systems which harness energy, from as many sources as possible, prior to, or as an alternative to disposal and this extends to the management of stormwater. As many local and global examples show, with adjustments of attitude and design, it can also be considered as a resource and generator.	Noted. Council has installed many stormwater recycling facilities across the City to water open space.
67	I strongly believe that council should do its utmost to reduce the overall amount of waste generated, not just measure recycling vs rubbish. Provide residents and businesses with incentives (perhaps by way of reduced rates) to reduce the amount of stuff that goes into their bins. Provide conveniently located reverse vending machines.	Council attempts to keep our rates as low as possible. Our Waste Management Charge for rubbish and recycling services is based on the minimum actual costs of collecting and processing this material. Should future technological changes result in more cost efficient practices, than any savings would result in a lower waste charge.
68	Community education would be great even in terms of clothes sustainability.	Comment is noted and will be included for consideration in our future education and communication campaigns.
69	Need to give good option for compost recycling for apartment dwellers. Currently if you have no garden you have nowhere to put waste.	Apartment dwellers could consider using communal space, look to use a local community garden or consider putting a worm farm on their balcony. Subsidised worm farms are available for local residents through the Compost Revolution program.
70	You should increase diversion by 94% as soon as possible	Noted – we're trying hard to!
71	Stop the dumping of the free bikes We are impressed with current Randwick recycling plans and have used the already	Thank you for your comment, we are working with the bike operators to minimise dumping.
72	I think it's really important'	Noted.
73	We also need accessible compost	Compost bins are available at subsidised rates through the Compost Revolution program. Mulch is available for free.

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74	It would be nice to have more access to soft plastic recycling	Council accepts soft plastics for recycling at our Administration Centre and at the Randwick Recycling Centre.
75	I am very worried about where our recycling is processed, for instance in china. I would like it sustainably processed in our council or nearby I would like council to address the constant illegal dumping on elphinstone road. It is a blight on our council	Council shares this concern and is looking into this issue with our recycling contractor. Please report any illegal dumping to us and we will respond.
76	More return and earn sites in randwick/coogee area	Noted. This is state government run program. New sites are being considered.
77	Do not throw hard rubbish into landfill please	Council recycles as much of the booked bulky waste clean-ups that we can. We will continue to improve our recycling rate.
78	Education and awareness are the key succes to achieve the targets above on my opinion	Thank you for your feedback, we will continue with education and communication campaigns.
79	Make it easier to return 10 cents bottles E. G. Have depot. At McDonalds, Bottle shops , major shopping centres	The Return and Earn scheme is run by a private operator on behalf of the Government. Council does not have the authority to direct any private sites to take up the scheme, but we are encouraged to see many sites already up and running within the Randwick City area.
80	Fight for green!!!	Noted.
81	Very keen to reduce waste but conscious of incremental\$ cost involved in doing so. Has to be a realistic balance	Thank you for your comment. The immediate actions in this strategy do not involve any increases in Council's fees and charges. Council would investigate the cost and benefits of taking up any future technologies before deciding whether to proceed.

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82	I think that we should try and avoid waste in the first place by reducing the amount of packaging used. Then we should charge citizens only by for the waste they actually produce. This is done in germany by scanning every bin that is loaded up into the truck. The citizen is only charge for the number of bins loaded up. It works really well..	Thank you for your comment. We agree that reducing waste in the first place is the best approach. A detailed education program will be developed as part of strategy.
83	Love your work	Thank you!
84	More free council pick ups should be implemented to avoid the 'need,'for low income households to dump illegally. . I really believe if council implemented more free pick ups this would stop occurring.	Could currently offers four free pickups a year, more can be booked with small fee.
85	Rename red bins LANDFILL	Interesting idea – we will consider it. Thank you.
86	Start food compose	Council is currently running a food scraps collection trial for apartment dwellers. An opt-in service is proposed as part of strategy.
87	When can my food waste be picked up	The food scraps collection trial is limited to select apartment dwellers. It is hoped the service can be expanded in the future.
88	I think there is also the opportunity to discourage single use plastic from takeaway places in the Spot, by giving discounts for people who bring tupperwares or keep cups	Noted.
89	Council should do more to buy recycled products	Thank you for your comments. Council factors sustainability into our purchasing practices to ensure we are buying goods and services with minimal footprint.
90	Why can't I recycle food waste yet	The food scraps collection trial is limited to select apartment dwellers. It is hoped the service can be expanded in the future. An opt-in service is being proposed.

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91	in south Melb council residence are able to leave sold plastic bags at the top of their yellow top recycling bins. Can we have this option also. I feel if it was easier to recycle different items then more would do it.	Council collects soft plastic for recycling at our Administration Centre and Randwick Recycling Centre. Recycling of these goods requires a specialist service which is why our yellow-lidded bin recycling contractor does not currently offer this service.
92	We are strong supporters of all actions that improve environmental awareness and behaviour of residents and community. Education needs to follow the principle of Avoid, Reduce, Reuse, Recycle to avoid and limit the amount of rubbish in the first place. This needs to go hand in hand with improved laws and regulations such as ban of plastic bags and products (European supermarkets are starting to introduce plastic free isles), as well as the setting of high standards for e.g. water and electricity consumption for white goods. Education is paramount and given the mess we are already in actions need to be decisive!	Great comments, thank you for your feedback. The Commonwealth and State Governments have agreed to ban soft plastics by 2023.
93	Please roll out the organic waste bins to all households. Thanks	Noted, thank you. An opt-in service is being proposed as part of strategy.
94	Aim for zero waste. Good luck to us all! Have you heard of Veena Sahajwalla?	Noted.
95	a)Why don't you have an ongoing campaign to eliminate littering in our LGA? Litter is such a huge issue. Christmas time is such a sad time for our marine life in our beaches around Randwick for example. b) Food waste has shown to be the major type of waste present in our red bins. Why is it then that we don't have a food waste collection all over the lga? Or food and garden waste collection together? c) What steps are you taking to ensure all our plastics are going to be recycled, now that China is not taking any more plastics for recycling from Australia? Can we have reducing campaigns, or campaigns to ban plastics from our council area? d) Why is it that Randwick council doesn't have a second hand shop at the recycling centre?	a) Council runs an anti-littering campaign each summer targeted at our beaches. b) An opt-in service is being proposed as part of strategy. c) Our contractor has reassured us they are recycling the materials appropriately. d) This would require additional space and management which is not feasible at the current site.

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	e) Is waste collected from the clean up collection really recycled? f) why dont you have an ongoing education program to educate new residents about recycling, reducing waste and littering? g) Where are the collection points in randwick for the earn & return program? h) Why don't we have collection for soft plastics and polystyrene and problem wastes? If these services were provided, I believe residents wouldn't contaminate their bins so often. i) The recycling centre in Matraville is great! I would love to see it expanded, with a second hand shop, so people can reuse furniture, for example...	e) Currently, it is being stockpiled. f) Council runs ongoing waste education campaigns. Reaching new renters is particularly challenging as Council is not notified of new renters nor is there a coordinated approach to communicating with them. This means education involves using ongoing and thorough techniques. g) You can find collection points on their website http://returnandearn.org.au. h) Council offers soft plastic recycling services at our Randwick Administration Centre and at the Randwick Recycling Centre. i) As mentioned in d) above. Thank you for the positive feedback.
96	Targets should be higher	Noted. Targets are inline with those set by the State Government. Council is aiming to exceed the targets.
97	I strongly support a council composting scheme.	Noted. Thank you.
98	Reduce illegal dumping is a massive problem in Kingsford and just not addressed by council current plans. All over Kingsford illegal dumping occurs - every day and night mattress, household furniture, shopping trolleys, pots pans and all sort of junk are dumped on the street. It seems student residents are the blame for the vast majority. They seem to believe (from talking to them) that dumping items on the streets is normal and the council will clean up after them. The RID EPS / Council joint intuitive has powers which are too slow and ineffective to stop this (I know as I have reported many cases). Council needs to be able to fine landlords and strata plans to stop this not just individuals as	Thank you for the comment. Council tries hard to eliminate illegal dumping and investigate and prosecute offenders where possible. We work within the confines of existing legislation.

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	by the time the RID investigation is started the individuals have long gone. A fine on landlords and strata plans would stop this disgusting behaviour dead. Please act.	
99	Can we please do more re problem littering at beaches and parks why is so much of our red bin composed of food waste and garden organics? Do residents need more education please? myself included please do more with the food waste we generate	Thank you for your comment. Council runs regular beach anti-littering campaigns.
100	a) on p.24 the report states Council has between 10,00 – 11,000 incidents of illegal dumping each year but issues very few, if any, penalty notices (fines) b) Council has been conducting a trial on food waste collection from 4,000 flats and units since 2014 why hasn't this been extended to other units and houses (p31) c) why doesn't council give a continuous program to reduce public littering in public parks, beaches and shopping centres d) why do we often see council workers emptying recycling bins into the same trucks as the rubbish bins – do council workers actually check whether the recycling is contaminated with other rubbish? e) Is your public place recycling separated from normal garbage collection? f) Does Council have an ongoing community education program to make everybody recycle as correctly as possible?	Thank you for your comments and notes. a) Issuing fines is particularly challenging as proof of dumping is required. b) An opt-in service is being proposed with the strategy. c) Council runs a campaign each summer targeting littering as this is the peak time. d) Separate rubbish and recycling trucks attend the different public place bins. Should a recycling bin be contaminated with non-recyclables, the material is sent with Council's normal waste to our Alternative Waste Treatment facility where possible for processing or to landfill. e) Yes f) Yes

#	Submissions	Comments
	g) On p18 you say that red lid rubbish is 40% food waste and organic material so why don't you collect, reuse and recover this material – wouldn't this be cheaper than just paying for it to go to landfill? h) Are residents in unit blocks being made aware that plastic bags are unacceptable in the yellow recycling bin? i) Is there a precedent for the recycling of bottles from pubs as i have seen mixed rubbish and bottles going in the same crush truck?	g) As indicated in b) above, Council is looking to expand our service in this area. h) Yes i) This is a matter for the business. From our experience most businesses, particularly pubs and clubs who generate large amounts of recycling are particularly environmentally conscious.
101	3. Sounds great, interested in the cost of such a technology though...,...	There is no immediate extra cost for ratepayers to pursue the directions outlined in the strategy. Should new technologies become available which have benefit to Council but cost more, approval is required by Councillors and additional community consultation will be carried out.
102	Yes! Be a leader! Perhaps like the compost revolution initiative, explore in collaboration with other councils (eg Waverley and woollahra).	Randwick is a part of this program.
103	This requires a holistic approach from all levels of government. The current economic system generates waste through emphasis on products and services that give priority to convenience. The packaging and ready to serve/eat food possibly is seen as a positive in GDP measures. In my lifetime I've been through many attempts to reduce use of plastics. And I supported and support all of them! As did/do many others. We/society have to face up to the deep	Thank you for your comments and feedback. Ultimately participation in the food waste trial was voluntary according to each unit block and body corporate.

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	challenges of understanding change and the finite nature of "the wealth of nations". Earth is currently being over exploited in so many ways - our understanding that the affluence of comfortable "lifestyles" is the result of earlier exploitations of land, peoples, animals, oceans and that seriously addressing climate change and quality of life for all life and the health of the planet is essential for survival. Education and deep reflection may help us in recognizing that we are in a postcolonial period of history that requires different "mindsets". It does seem hard to get the attention of the "consumers" and "customers" of the fast moving digital early 21st century. But I still have hopes for education that is continuing throughout life and giving hopeful alternatives to people everywhere. But time may be running out. So good luck! On a practical note - I think some continuous help at the implementation stage for strata blocks would be beneficial long term. Our block (81 units) started to participate in the food scraps trial project under one committee - the next committee came in (with different priorities?) and promptly discontinued it! On checking with a member of the new committee I was told some residents had complained of the maggots. I'm not sure if there is any consultation/evaluation with Council? Seeing this as an "investment" for the future rather than a "cost" for the present is a difficult idea for the market/society that's bent on reducing cost.	Noted. This is why the service is as an opt-in option at this stage.
104	Council's efforts combating waste management challenges are great. Thank you for doing such a great job. There are two main points that I believe are paramount for the sustainability (economic, social and environmental) of waste management in the Randwick City Council. 1- I would like to see the government own the waste management infrastructure. You can contract operators to manage the day-to-day waste management operations. However, the council needs more bargaining power. This way, we can avoid waste being transferred to QLD from NSW when China enforced the ban.	Thank you for your feedback and support. Noted.

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	2- Waste to Energy with sophisticated flue gases is crucial in order to have close to 0% landfill diversion rate.	Noted.
105	We need government owned Waste to Energy plants. With legislation in place where we cannot sell.	Noted, Council will continue to advocate for this technology to be made available in Australia.
106	Has any research been done looking at the New Zealand "Organic food waste only" program. I note the council has a pilot running now for 4000 dwellings? Re food scraps; it is likely to be extended to more or all residents; I think households should have an opt in to reduce household food waste with council supplied kitchen food waste bins, which can then be taken to a local depository – what about extending community gardens and or having the existing ones have provision for accepting food waste which can be turned into compost for the community garden; Can residents who opt in receive a credit on their water/electricity bills? Can local schools be involved as collection points and they receive small council grants for greening their schools. Can apartment complexes be provided with food waste bins – the process must obviously be made easy for residents.	Thank you for your comments. Some community gardens already accept food waste for compost. Check with your local garden. An opt-in service for food waste is included in strategy.
107	Avoidance should be front and centre of this strategy and integrated across Randwick City Council - activities from events to operations conducted at Council offices/venues should demonstrate best practice in avoidance, reuse and recovery. Community Engagement (and modelling behaviour in Council operations) is not one of a list of actions, it has to be embedded in every action/activity. Communication & Integration: The website contains information, but it is delivered by two different sections - 'City Services' and 'Planning and Sustainability'. Language and emphasis differs. It is confusing and there are gaps. Discussion on Financial Impact of Waste is required It is important to present the financial impact with analysis and recommendations on how reductions could be made.	Thank you for your comments and detailed consideration. Much further analysis can be undertaken and we would be happy to share this information with you. Council has made available the Randwick Recycling Centre as a Return and Earn location but the offer has not been taken up on the operator. Council would be happy to discuss the Repair Café idea with the UNSW. Council is hoping to rollout the food waste collection program more broadly once collection is possible in conjunction with green waste bins.

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	There should be a breakdown of how many households take up the on-call option with a further breakdown by suburb. It may be cheaper and more sustainable to offer a third general clean-up, put other collection, reuse and recovery measures in place, and charge for further clean-ups. % of budget spent on Waste Management is recorded as 23%, however there is also 'cleaning' included under Beach Management at 4%, cleaning in maintaining roads and footpaths and 'drain cleaning' at 5%. Overall this figure could be more than 25%. It needs to be highlighted because it is the biggest single operating cost. Perry Street Collections. To encourage household waste segregation, offer a container deposit collection at Perry Street. The more items that can be dropped off at this depot the more likely residents will take the trouble to segregate problem wastes such as batteries, plastic wraps and other items not collected kerbside. Collaboration with Major Organisations in Randwick Sydney Water's Wastewater Treatment Plant in Malabar is the largest in Australia. Recommend exploring Repair Café initiative with the University. Randwick Businesses: Collaboration with businesses and through business organisations, such as Chambers of Commerce, is needed to support avoidance strategies and encourage on-site recovery. Food and Garden Organics Collection (FOGO) system: Why is this a Medium (up to 2027) rather than a Short-Term Action? Case Study 1 on food waste recycling demonstrated sound results and high support (page 34).	Council has the data. Best practice is to provide on-call clean up services. Noted. Our current budget consultation includes a cost breakdown for Waste Management. Noted. The trial considered an opt-in service for multi-use dwellings. This service will be introduced in short-term time frame.

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108	Re waste management strategy 2017-2030 consultation Food waste: Has any research been done looking at the New Zealand " Organic's food waste only " program. I note the council has a pilot running now for 4000 dwellings? Re food scraps; is this likely to be extended to more or all residents; I think households should have an opt in to reduce household food waste with council supplied kitchen food waste bins, which can then be taken to a local depository- what about extending community gardens and or having the existing ones have provision for accepting food waste which can be turned into compost for the community garden; Can residents who opt in receive a credit on their water/ electricity bills? Can local schools be involved As collection points and they receive small council grants for greening their schools. Can apartment complexes be provided with food waste bins- the process must obviously be made easy for residents;	Thank you for your feedback and comments. An opt-in service for food only has been incorporated in strategy. A future report will address this issue. Some community gardens already accept food waste for compost. Check with your local garden.
109	"That Council: 1) Notes the suggestion by Mr XXXXXX that Randwick could join several other NSW Councils in considering adopting a policy against using single-use plastic utensils (or packaging) in order to help meet our diversion-from waste stream targets mandated by the State Government's Waste Avoidance and Resource Recovery (WARR) Strategy 2014-21; and 2) Treats Mr XXXXXX suggestion as a submission to our currently exhibited Draft Waste Management Strategy 2017-2030 and assessing the competing environmental values of replacing single-use utensils and packaging made from compostable plastic against that of products made from compostable natural substances." I now ask that you consider the intent of clause 1) of the above draft recommendation as a formal submission to the Draft Waste Management Strategy 2017-2030 from myself and request that it be assessed as part of the report to Councillors. I further ask that you consider waiving the cost of the rental of the Vonnie Young Auditorium at the Bowen Library to allow proponents of the proposed policy against single-use plastic products to better expound on the issue.	Thank you for your submission. Council will explore the possibility of adopting a policy discouraging single use plastics. It is noted that the Commonwealth and State Governments have agreed to ban single use plastics in Australia 2023. Council will include ongoing education to residents on alternates to soft plastic packaging.

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	Ideally this would be done before the on a night prior the end of the exhibition period for Council's Draft Waste Management Strategy 2017-2030 to allow for any resulting input from the community.	