

COMMUNICATIONS

Community Consultation Report Draft Environment Strategy

14 October 2020

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1. Summary

Randwick City Council has developed an Environment Strategy that sets our long-term objectives to guide our future planning and programs. Specifically, we have set six broader objectives and more than 30 strategic approaches to complete and be accountable within certain time frames.

The following report outlines the consultation program undertaken to consult with the community to educate them on Council's strategy and determine their priorities for the future. The community were invited to read the draft strategy and complete an online survey or make a submission. The consultation was promoted using digital and social media, community newsletters, bus stop advertising and presentations at resident precinct meetings.

The Your Say Randwick webpage had over 1225 unique visits, 135 were survey completed and 71 submissions received. From the survey results, the community identified the following as the most important strategic directions for each of Council's key Environment Strategy outcomes.

Biodiversity Conservation:

- Improve connectivity of key bushland areas by maintaining 14,000m² of appropriate ground covers, shrubs & trees between Botany Bay NP, the Bunnerong Road Eastern Suburbs Banksia Scrub site, Yarra Bay bushland areas and Malabar Headland NP by 2025.
- Review our partnership with NSW Dept of Lands, to identify unmanaged parcels of Crown Lands with high biodiversity potential, and seek divestment of these lands to Council for inclusion with our bush regeneration program and coastal management by 2021.

Climate Change:

- Adopt the Greater Sydney Commission target of 40% tree canopy coverage by 2040, to provide habitat, shade and heat reduction benefits.
- Mandate that all future plans of Council (next 10 years) will detail the impacts that the plan will have on climate change, using a consistent and best practice climate change methodology for measuring this impact.

Conserve Resources:

- Divert from landfill 60% of food waste generated by residents through the implementation of domestic food waste collection services by 2025.
- Research the use of asphalt products containing recycled materials (e.g. glass) by undertaking trials on high, medium and low traffic road pavements located in Randwick and Maroubra by 2023.

Coastal Protection:

- Introduce monitoring and management programs to reduce microplastic pollution in our coastal waterways by 2025.
- Increase the percentage of gross pollutants captured from the stormwater system by expanding the GPT network by 2027, installing one new GPT each year, on major drainage lines currently without existing controls, located in the east & south of the City.

The results of the community consultation and proposed updates to the Environment Strategy will be reported to the Ordinary Council meeting on 8 December 2020.

2. Community engagement strategy

2.1. Background and objectives

A community consultation program was undertaken to exhibit Randwick City Council's draft Environment Strategy, which sets out Council's long-term objectives to guide future planning and programs and determine the communities priorities in relation to the 30 strategic approaches outlined in the strategy.

The consultation program aimed to:

- Exhibit the draft strategy for community feedback
- Determine the community's priorities for achieving the 30 strategic approaches in the strategy
- Determine how supportive residents are of the overall draft strategy

2.2. Consultation period

The consultation was open for 42 days from 2 September to 13 October 2020.

The project was assessed as having a high-level city-wide impact.

The community were asked to read the draft strategy and complete an online survey or make a submission.

2.3. Consultation activities

Community engagement activities undertaken:

- Dedicated consultation website to complete a survey or make a submission
- Email to Your Say subscribers (5373 residents): 3 September 2020
- Randwick News (weekly email): 2 September, 30 September and 7 October 2020
- Facebook post: 8 October 2020 (4754 people reached and 258 engagements)
- Bus stop advertising
- Scene Magazine: Article in Spring 2020 issue
- The Beast Magazine: Advertisement in September 2020 issue
- Listing on Randwick City Council's *Current Consultations* webpage
- Presentations at Coogee, Malabar, Maroubra and Randwick Precinct meetings
- Digital display screens at all Libraries and Customer Service Centre
- Email to Sustainability database
- Email to all precincts
- Councillor notification

3. Consultation outcomes

3.1. Your Say Randwick website

A dedicated Your Say Randwick website was created to exhibit the draft strategy and gather feedback via an online survey and submission option:

www.yoursay.randwick.nsw.gov.au/environmentstrategy

The website was launched on 2 September was open for 42 days, closing on 13 October 2020.

During this time, the site experienced the following:

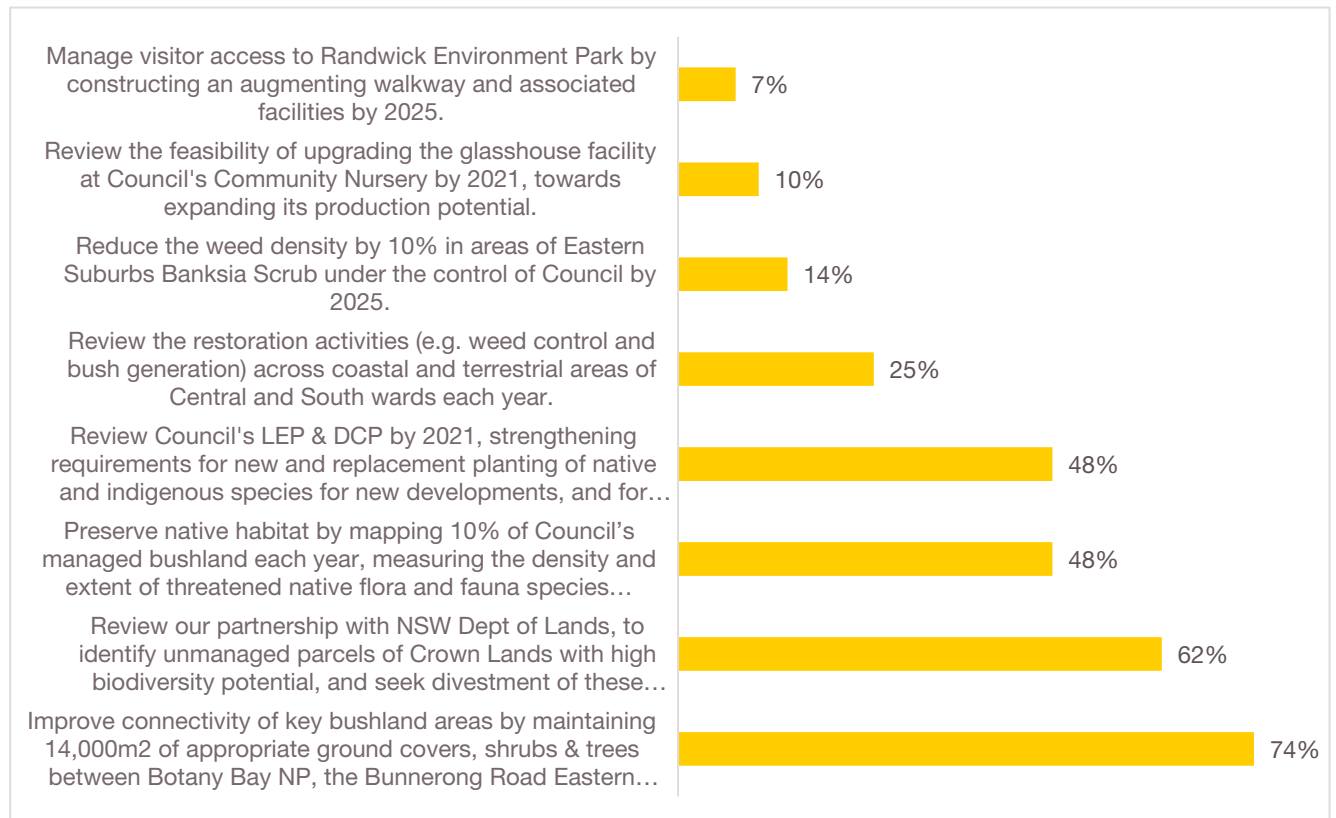
- 1225 visits to the Your Say Randwick webpage
- 135 surveys completed
- 66 submissions, plus an additional 5 submissions sent directly to Council
- 529 downloads of the draft Strategy

3.2. Survey results

The Your Say survey asked respondents to prioritise the strategic approaches under each of the four key outcomes set out in the draft strategy. Respondents could choose up to three priorities for each outcome.

We received a total of 135 survey responses. The following graphs tell us what the community believe are the most important strategic directions for each of Council's four key Environment Strategy outcomes.

3.2.1. What are the three most important strategic approaches for Biodiversity Conservation?

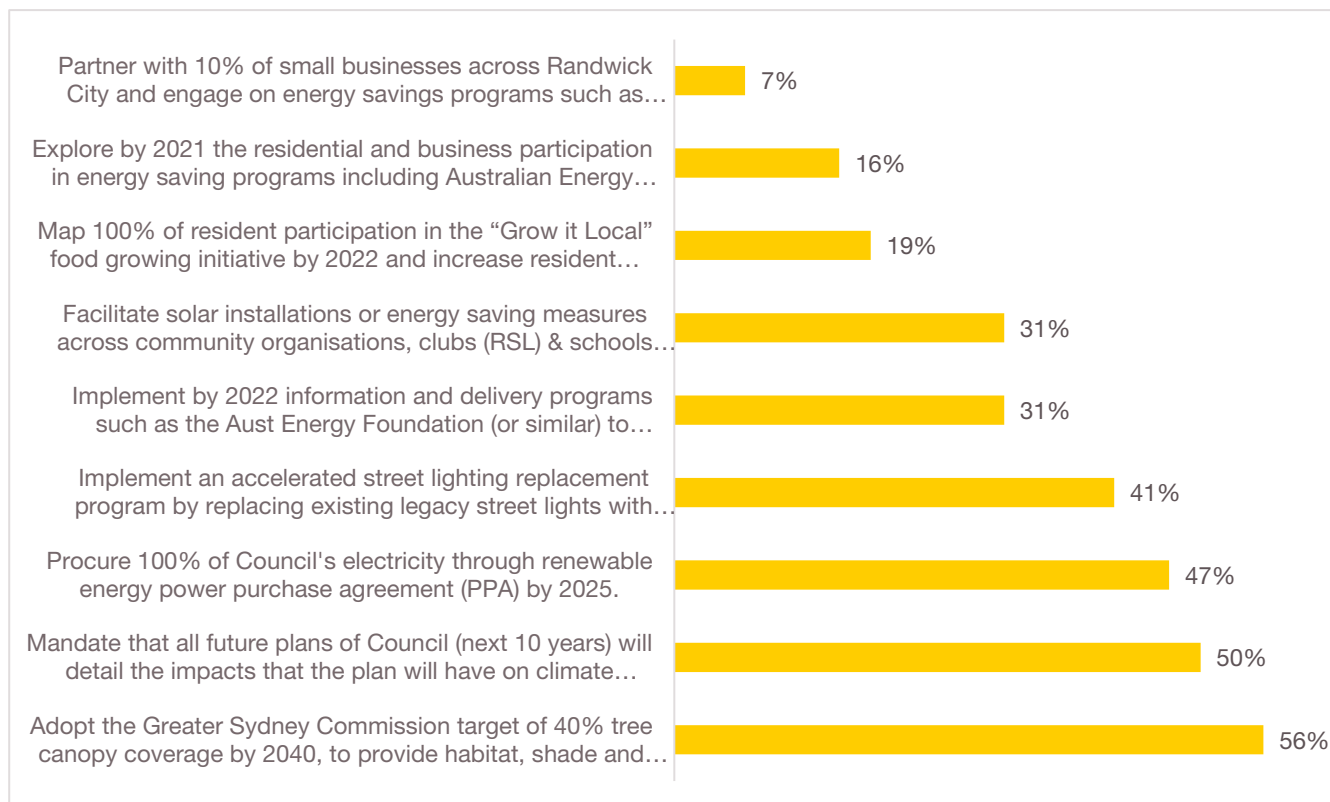


Graph 1: Biodiversity conservation

This graph indicates that the three most frequently chosen priorities for biodiversity conversation are:

1. Improve connectivity of key bushland areas by maintaining 14,000m2 of appropriate ground covers, shrubs & trees between Botany Bay NP, the Bunnerong Road Eastern Suburbs Banksia Scrub site, Yarra Bay bushland areas and Malabar Headland NP by 2025 (chosen as a priority by 74% of respondents).
2. Review our partnership with NSW Dept of Lands, to identify unmanaged parcels of Crown Lands with high biodiversity potential, and seek divestment of these lands to Council for inclusion with our bush regeneration program and coastal management by 2021 (chosen as a priority by 62% of respondents).
3. Preserve native habitat by mapping 10% of Council's managed bushland each year, measuring the density and extent of threatened native flora and fauna species against that of introduced species including weeds and foxes (chosen as a priority by 48% of respondents).

3.2.2. What are the three most important strategic approaches for Climate Change?

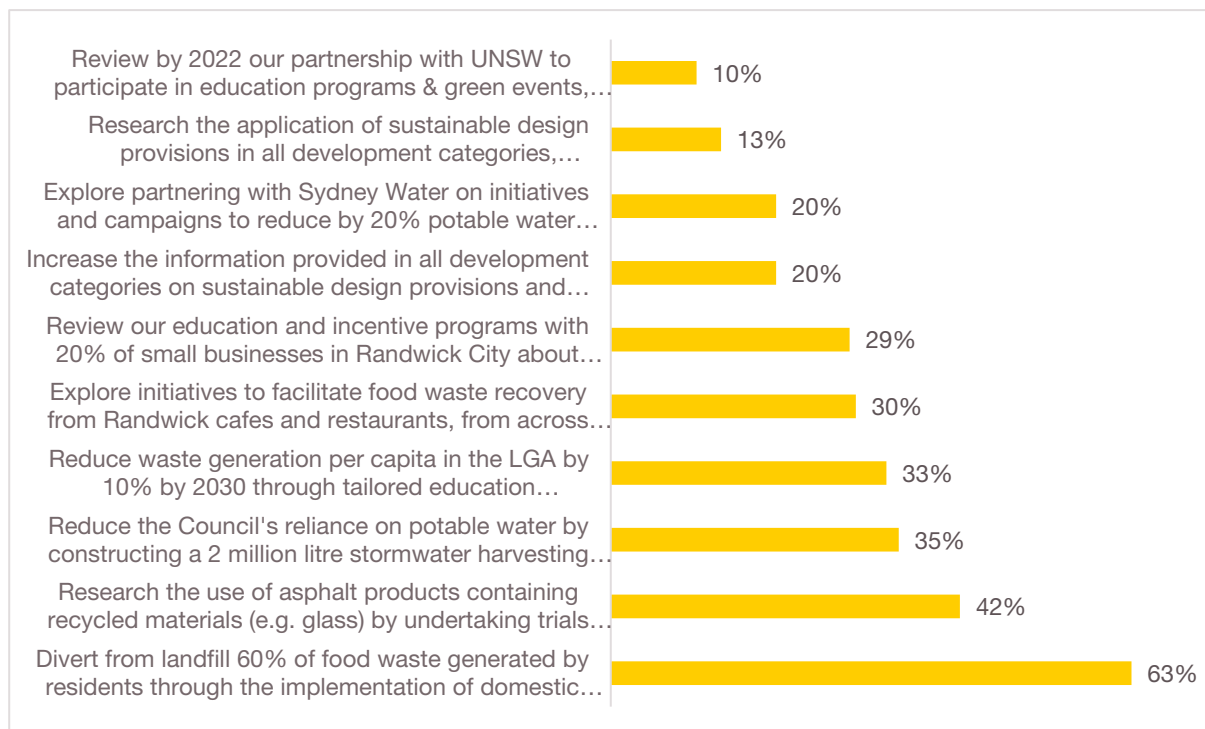


Graph 2: Climate change

This graph indicates that the three most frequently chosen priorities for climate change are:

1. Adopt the Greater Sydney Commission target of 40% tree canopy coverage by 2040, to provide habitat, shade and heat reduction benefits (chosen as a priority by 56% of respondents).
2. Mandate that all future plans of Council (next 10 years) will detail the impacts that the plan will have on climate change, using a consistent and best practice climate change methodology for measuring this impact (chosen as a priority by 50% of respondents).
3. Procure 100% of Council's electricity through renewable energy power purchase agreement (PPA) by 2025 (chosen as a priority by 47% of respondents).

3.2.3. What are the three most important strategic approaches for Conserve Resources?

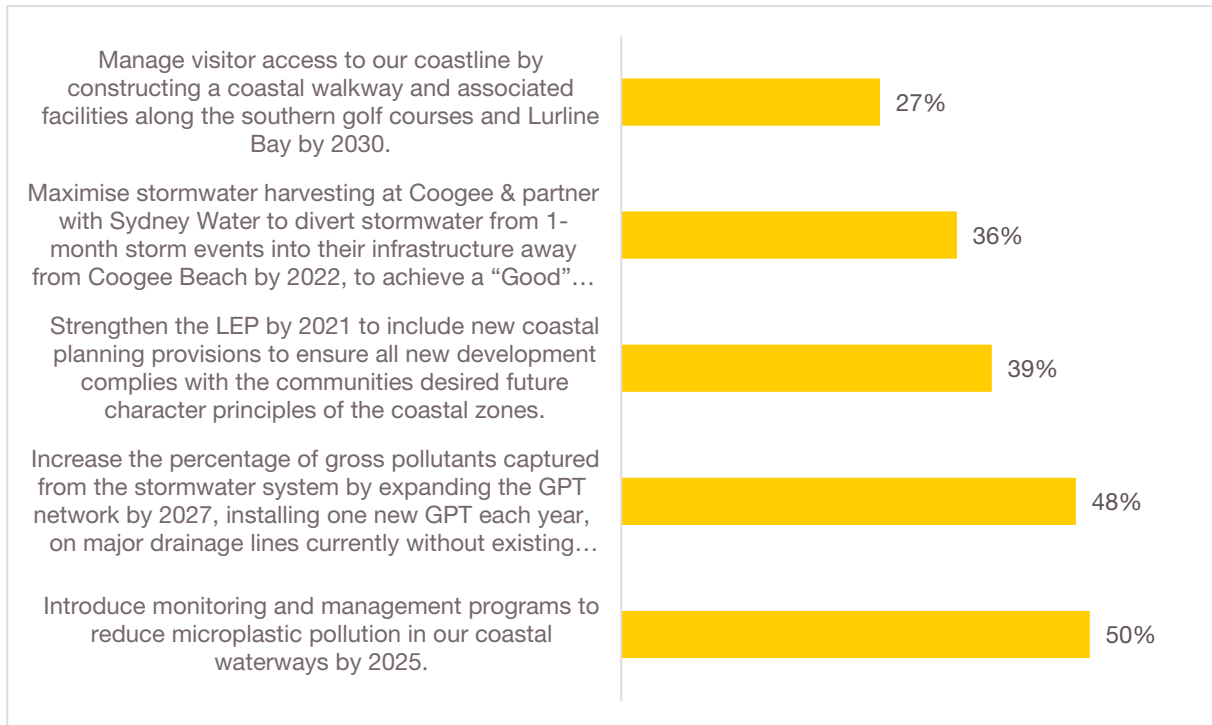


Graph 3: Conserve resources

This graph indicates that the three most frequently chosen priorities for conserving resources are:

1. Divert from landfill 60% of food waste generated by residents through the implementation of domestic food waste collection services by 2025.
2. Research the use of asphalt products containing recycled materials (e.g. glass) by undertaking trials on high, medium and low traffic road pavements located in Randwick and Maroubra by 2023.
3. Reduce the Council's reliance on potable water by constructing a 2 million litre stormwater harvesting system at Maroubra beach by 2022.

3.2.4. What are the two most important strategic approaches for Coastal Protection?



Graph 4: Coastal Protection

This graph indicates that the two most frequently chosen priorities for coastal protection are:

1. Introduce monitoring and management programs to reduce microplastic pollution in our coastal waterways by 2025.
2. Increase the percentage of gross pollutants captured from the stormwater system by expanding the GPT network by 2027, installing one new GPT each year, on major drainage lines currently without existing controls, located in the east & south of the City.

3.3. Submissions

The table below lists all 71 submissions received via Your Say Randwick and email to Council.

	Submission
1	<p>I would like to see the connectivity outlined in 1.1 extended to include the entire coastal area from La Perouse to Clovelly..so after Malabar Headland National Park add "and other coastal bushland or bush regeneration areas from La Perouse to Clovelly".</p> <p>I would like to see East, West and North wards added to 1.3.</p> <p>I would like to see the following added to 1.4 "and implement strategies to maintain and where necessary restore the density and extent of threatened and non threatened native flora and fauna species."</p> <p>I would like to add 1.9 Implement a policy of planting native plants (preferably local but also wider Australian species) in the coastal strip alongside streets and footpaths and in public parks instead of cacti and other exotic plants.</p> <p>I would like to add 2.1 " by increasing the current tree canopy coverage across the Randwick LGA by 25 % by 2025 and 50% by 2030.</p>
2	Excellent. Hopefully all targets will be reached
3	<p>The natural environment in coastal Randwick is infested with Bitu bush and Lantana. Randwick Council is probably the only local authority in Sydney to allow this environmental neglect. Why?</p>
4	<p>The major greenhouse categories per LGA (Waverley, Randwick and Woollahara) are about 50% electricity and 13-15% waste. Council needs to focus on using the levers that it controls. You need to use waste contracts to reward/incentivise us to massively reduce our waste. If we do not cut our waste it will be burnt in incinerators. Regarding electricity, instead of giving public money to private homes to instal solar panels for private benefit you need to be either investing in neighbourhood generation, that way all of us benefit from the rates that we pay you to look after our community. Or, alternatively, you need to follow Hobart City's lead, buying excess power from individual households at fractionally above the market rate and then selling it to the local community at cost. You also need to monitor the loss of canopy and green space through the imposition of multi-dwelling units. Our canopy cover is woeful; rampant infilling is exacerbating the problem. You also need to ask yourselves, everytime you push another "community development" eg south Maroubra amenities, whether it will be affected by the wild and unpredictable climactic changes that are now starting to take effect due to greenhouse. And will pay to rebuild/repair it? You cannot assume that in future people will have the capacity to keep paying ever increasing rates. COVID has demonstrated that climate change will destroy old economic certainties. Like bushfire victims, we may find ourselves having to rebuild after increasingly fierce storms.</p>
5	<p>Council rates should be reduced so ratepayers can use the money to buy renewable energy directly from Energy Retailers.</p>

	Submission
6	<p>The draft should promote the use of green roof spaces.</p> <p>Green roof spaces can add additional space for native plants and wildlife without taking up additional land.</p> <p>This would include the council's support for the use of empty garage roof surfaces that can be converted into green roofs.</p> <p>The density of Randwick offers many blank garage concrete roof spaces (especially all those garages at front of houses offering off street parking). These ever increasing structures could be built including green roofs; rebuilt to incorporate a green space or adapted to incorporate a green space.</p>
7	<p>Good start but a glaring omission is emissions from transport. There are not targets or even a strategy for transitioning Council vehicles to zero emission. Electric Vehicles (EVs) are quieter and cheaper over their lifetime than conventional vehicles, yet I cannot see any mention of them. EVs are available in every category now, including heavy waste collection vehicles, buses, light commercials and passenger cars. Council needs to get on with a replacement program quickly. I would suggest a target date of end 2021 to have the Council fleet totally EV.</p>
8	<p>A great start!</p> <p>How about setting a goal for an increase in local and longer distance cycle trips, and encouraging this: More cycle parking at shops / beaches hospitals (very few at Royal Randwick, hardly any at the Hospital) and more cycle paths. Pop up cycle servicing, promoting local cycling businesses etc</p>
9	<p>The plan looks fantastic, thank you to everyone concerned, but there is a glaring omission: there MUST be a policy to REDUCE car use and ENCOURAGE sustainable (buses, trams, trains) and active (cycling, walking) transport, thank you!</p>
10	<p>I am at a loss as to how RC proposes an Environmental Strategy when they keep approving dense housing in the area and the building of high rises in Kensington where there is a restriction of 6 floor storey buildings. How do you propose to achieve 40% tree canopy coverage when the only shade we will be experiencing will be that of concrete jungles without tree coverage in site. RC should be ashamed with all the approved developments in the area for so called housing. No one in the area wants it other than the greedy developers that continue to destroy Sydney.</p>
11	<p>Broadarrow Reserve would be a good place to start with planting trees. Approximately 12 trees were taken out a couple of years ago and never replaced.</p> <p>Broadarrow is the only open space I know of that we can walk around with shade. Would it be possible to create another open space with shade trees around the perimeter so we can walk/exercise comfortably in summer? As Broadarrow is a dog park perhaps the next one could be a non-dog open space please?</p> <p>I know population is not a council matter but if we are serious about climate change we need less development, fewer humans and more green space. RCC needs to push back on the government's policy of growing the population. With the economy going backwards the Federal government will be even more reliant on population growth for GDP and council should be prepared.</p>
12	<p>There is nothing about reducing the amount of pollution from cars. In other words, build better access to public transport and improve the cycling options which are pretty ordinary. We also should be aiming to make Heffron Park and other council parks as good as Centennial Park so that less people drive out of our suburb to attend the park.</p>

	Submission
13	My concern is that there are often lots of grand statements about conservation, and yet the reality on the ground is that developers regularly lodge applications that involve the removal of trees, and use their lawyer-power to get their way. The exception should not be the rule. Stand by your statements and your guidelines.
14	<p>1. The tree canopy campaign should include planting of flowering trees (such as Illawarra Flametree Brachychiton) on all nature strips, footpaths, walkways and in Parks, to add a bit of colour to a concrete dominated landscape throughout Randwick.</p> <p>2. Supply additional parking and force new Unit developments to supply one parking space per bedroom</p>
15	The council needs to ensure their business operating model is also in step to deliver and support these initiatives. This means actively managing it resources and people and not relying solely on additional rate increases to fund these measures. A sustainable strategic approach to managing the council resourcing needs to be a key part of the success of the Environment Strategy. Otherwise we will end up with a bloated, inefficient organisation struggling to deliver this strategy in the time frames it has committed to.
16	<p>I think that this is a really good strategy & I would love to help make it happen.</p> <p>There are a number of great ideas, eg LED street lights should just happen, whether additional solar lights for more decorative lighting would be a secondary thought.</p> <p>However I would prefer council to focus on the bigger initiatives & then target households with information. For example council should focus on food waste from cafes & restaurants (in conjunction with Oz Harvest perhaps), whilst households could reduce food waste by compost bins & worm farms (so promote these, before looking at food waste collection).</p> <p>Also council should focus on stormwater collection & reuse, whether it be from parks or beaches.</p> <p>Finally council should continue to work on Solar installations at schools & other large buildings, with ensuring minimum environmental standards for new developments or rebuilds, then promote solar schemes & rainwater tanks for households, including any relevant government incentives.</p>
17	<p>It needs to address feral animals and feral animal control. You have addressed invasive flora but invasive fauna is also an issue.</p> <p>Foxes are an invasive pest that needs controlling. Indian Myna birds and pigeons could do with population controls.</p> <p>Dogs and cats also need strict controls to allow native wildlife to survive these introduced carnivores.</p>
18	A good document but importantly must also focus activities on stormwater harvesting

	Submission
19	<p>1. I have extremely low vision.</p> <p>2. Many blind and low vision choose Maroubra as their home because it offers unusual public transport options - that is - it offers in-and-out of the city, as well as across-the-city.</p> <p>3. I have been injured several times while walking and running on streets managed by Randwick Council because of trees and tree branches that obstruct the pedestrian path. This includes head strikes that have knocked me out for minutes, as well as trip hazards.</p> <p>4. Randwick Council is aware of the large population of low vision and blind people in its government area. It is also aware of the unusually large number of disabled people who live in its government area.</p> <p>5. Therefore, Randwick Council has a duty of care to make streets safe - not just for able-bodied fully-sighted people, but for all people.</p> <p>6. Randwick Council does not exercise enough care at the moment to ensure that trees do not cause a danger to pedestrians at the moment.</p> <p>7. Since Randwick fails in its current duty of care, adding more trees will increase the danger faced by low vision and blind people living in Randwick.</p> <p>8. This will force a traditionally disadvantaged group (with unemployment over 60% and poverty rates 4 times the national average) out of the Randwick area.</p> <p>9. There is a double standard applied by Randwick Council that's worth pointing out. For example, because sighted people drive, Randwick Council exercises proper care to ensure that tree branches do not knock the top off cars while they drive along the streets.</p> <p>10. Randwick Council should apply the same standard to travelways used by less-abled persons.</p> <p>11. Because it has no plan to reduce dangers of its current policy, Randwick should halt the addition of further trees.</p> <p>12. I accept that - for sighted people - its very beautiful and nice to have trees. I love trees too. I just don't want to have to commando-crawl to get around streets to avoid injury.</p> <p>13. We should be an inclusive society. We should not increase dangers for disabled people just so something looks pretty.</p> <p>14. I love the environment. I just think it should be safe - not just for sighted people - but for all people.</p> <p>15. I would appreciate a written response addressing my concerns.</p>
20	<p>The climate change targets are not ambitious enough.</p> <p>The focus on microplastic pollution is too narrow minded. It needs to be a much broader program (which could include microplastics if you wish). At the moment there are bigger issues than microplastics in the marine and coastal environment.</p>

	Submission
21	<p>I'm surprised that Council has not integrated the UN's Sustainable Development Goals into environmental policy. This is a missed opportunity.</p> <p>From reading the strategy I'm sure the aspiration is fine, but I am concerned that there's too many 'investigate', 'research', 'review', 'explore' instead of actual actions.</p>
22	<p>This is what I wrote in my comments on the Draft Strategy: Many of the targets are not SMART. They need to have measurable targets as targets with like words like research or partner with, without a SMART target are not good enough.</p> <p>I applaud the actions which have SMART targets like 20% by 2025</p> <p>There are no actions that specifically involve first nations people. Particularly in Biodiversity and Marine conservation aboriginal management practices should be used and owned by our first Nations residents.</p> <p>The production of a document outlining all the baseline data should be made available to allow residents to judge whether the targets have been met for all actions.</p> <p>Council cleanup services need to separate and recycle curbside collections. I hate to see perfectly good electrical appliances and furniture being crushed together in the rubbish trucks . There is no target to change councils curbside collection methods and to prevent landfill from this source. Please add one.</p> <p>People are lazy and will not go to the wonderful recycling centre. Why not have regular clean ups scheduled where the recycling team collects from the curbside. Put this in the strategy</p> <p>Plastic is still a big problem in Randwick all businesses should be made to use renewable take away containers not made from plastic or plastic like products that take a long time to break down. A firm SMART target for phasing out all plastic is needed in the environmental strategy</p> <p>No more mature trees should ever be lost in Randwick City; we have lost so many due to the Light Rail debacle. A SMART target for mapping trees and retaining them is needed in the strategy</p> <p>Mapping vegetation is not conservation. 10% per year is a very small target. I agree that we should be mapping our vegetation but surely the whole council area could be mapped in a couple of years. A better target would be Map all vegetation in the Randwick council by 2022.</p> <p>Then a conservation target may be - Identify areas of high conservation value for inclusion in conservation zones in the LEP by 2025</p>

	Submission
23	<p>Thank you for the opportunity to comment</p> <p>Improving our tree canopy is one of the easiest targets to achieve so its hard to understand why targets are so low and too long? We need to increase the tree canopy across the LGA in the next couple of years-</p> <p>The majority of the targets are not SMART. They need to have measurable targets as targets with like words like research or partner with, without a SMART target are not good enough.</p> <p>Actions which have SMART targets like 20% by 2025 are positive</p> <p>We need more Indigenous input into environment and conservation. Particularly in Biodiversity and NMarine conservation abotriginal management practices should be used and owned by our first Nations residents. One example is hazard reduction.</p> <p>A document outlining all the baseline data should be made available to allow residents to judge whether the targets have been met for all actions.</p> <p>Council cleanup services need to separate and recycle curbside collections. I hate to see perfectly good electrical appliances and furniture being crushed together in the rubbish trucks . There is no target to change councils curbside collection methods and to prevent landfill from this source. Please add one.</p> <p>The most important service council offers is a rubbish collection- regular clean ups scheduled where the recycling team collects from the footpath.</p> <p>Plastic is still a big problem in Randwick - I am regularly picking up rubbish from gutters and the beach in Coogee all businesses should be made to use renewable take away containers not made from plastic or plastic like products that take a long time to break down. A firm SMART target for phasing out all plastic is needed in the environmental strategy</p> <p>Increased development that have no green aspects like green walls/rooves or solar panels are outdated. Developments need setbacks for planting and our roads need to be greened which will make them more pleasant areas to be in</p>
24	Cost to ratepayers
25	<p>The strategy is an impressive array of approaches but lacks an overall model. The International Union for Conservation of Nature, category V, 'Protected Landscape/Seascape', may serve as a suitable strategic framework or model. I would like Randwick Council to model its environmental strategy in accordance with the articulated Category V approach. This may entail protecting a marine park stretching along the full coastline. This entails broader sewerage/stormwater control, flora and fauna protection and sustainable interaction between the natural environment and human population. (https://www.iucn.org/theme/protected-areas/about/protected-areas-categories/category-v-protected-landscapeseascape)</p>

	Submission
26	<p>After reading the Survey, I was very glad that Randwick Council have some really good thinkers and smart science in the Team... the lists of options was very hard to select one over the others...</p> <p>In almost all of the headings I could see good situations and excellent choices... you are doing a terrific job in presenting this as a way of improving the whole of our area... I would have ticked all the boxes because they all made good sense...</p> <p>Do the best you can to get all of the Councils in all of Oz to follow suit on your programs...</p> <p>Keep at it and keep letting us know what you are trying to do...</p>
27	<p>Further Ideas:</p> <ul style="list-style-type: none"> • Increase, promote & mandate rooftop gardens for all buildings that can host these • Also mandate water collection from such rooftop gardens for intra-building use • Explore the potential of using waste biomass to create “biochar” – this is a powerful way to capture carbon, as well as creating product that can be sold to nurseries, agriculture, or used in Council Gardens, etc. <ul style="list-style-type: none"> o To start that exploration, one book is: “Burn: Using Fire To Cool The Earth.” Bates; Albert & Draper; Kathleen o Two-barrel charcoal retort – a safe way to produce charcoal http://charcoalkiln.com/two-barrel-charcoal-retort-safe-produce-charcoal/ • Explore and implement the use of mini cylindrical wind-turbines that can be placed on rooftops, and even balconies. Are being used in Europe. Small, compact, take little space, yet can complement energy produced by solar. <ul style="list-style-type: none"> o https://newatlas.com/2018-dyson-award-winner-o-wind-turbine/57221/?utm_medium=email&utm_campaign=2018-11-15%20234509%20Australia%20Daily%20Basic%202018-11-15%20235038%20Fusion%20breakthrough%20as%20Chinas%20artificial%20sun%20reaches%20100%20million%20degrees&utm_content=2018-11-15%20234509%20Australia%20Daily%20Basic%202018-11-15%20235038%20Fusion%20breakthrough%20as%20Chinas%20artificial%20sun%20reaches%20100%20million%20degrees+CID_f44081c574e401fc0b5e179ac8a745a0&utm_source=Campaign%20Monitor&utm_term=Read%20more o https://youtu.be/RPcQLZ0xBAI o https://www.open-electronics.org/mini-wind-turbine/ o https://singularityhub.com/2017/07/09/this-mini-wind-turbine-can-power-your-home-in-a-gentle-breeze/ o https://www.ebay.com/b/Vertical-Wind-Turbines-Kits/121837/bn_55193603 o https://cdn.abcotvs.com/dip/images/106620_061014-wabc-windturbines-glassberg530pm-video.jpg?w=1600 o http://c1cleantechnicacom-wpengine.netdna-ssl.com/files/2012/07/VAWT-on-Liverpool-Front-From-Sarah-Grice-on-Flickr-500x666.jpg o https://i.pinimg.com/736x/fe/fc/29/fe2955a444425f5edcc07e8619daf1.jpg o http://www.freeenergystore.com/vawt-close-lg.jpg o https://i.pinimg.com/originals/4f/1b/b7/4f1bb740ef83d218e139887ce0553d3e.jpg • Create “community garden plots” as they do in Europe, where people can rent/use a small part of a larger site to grow their own food. Some people excel in growing certain crops; let them do so and barter/swap

	Submission
	<ul style="list-style-type: none"> • Create inter-connected mini solar grids within a suburb, where each house in a village/suburb has solar panels and are interconnected with each other to sooth our electricity use, and create a more stable overall electricity supply for that small, independent area, which can also become independent from the main electricity grid. Yes, I know the electricity companies won't like it, but self-sufficiency for power – (supplemented by mini, cylindrical wind turbines) – has much going for it.
28	<p>As a long-term Coogee resident, I welcome Randwick City Council's commitment to sustainability and our local environment.</p> <p>I've read Council's draft Environment Strategy and while I am not a scientist or planning expert, it appears to outline some reasonable environmental measures. To be honest, when completing the survey, I had difficulty limiting my choices to two to three measures. Why can we adopt all of them?</p> <p>However, I was curious about the targets set as part of these measures. For instance, in the section on 'Biodiversity Conservation', you've said the target is to increase by 30 per cent the number of native and indigenous plantings across the LGA. Why 30 per cent? Why not a bolder target? I'd love to know more about all of the targets Council has set and how you landed upon them.</p> <p>When it comes to public spaces, Council has a great opportunity to converse indigenous plant species and generate more natural habitat for local wildlife. I've noticed in recent years a shift towards trendy exotic plant species in Council's landscaping. I'd love to see Council move to use indigenous plant species exclusively in its landscaping. By doing this Council has an opportunity to increase the chances of survival of our indigenous plant species and extend the natural habitat of local wildlife that currently find refuge in the small strips of native scrub and bushland in the LGA.</p> <p>Thank you for the opportunity to comment of the Strategy.</p>
29	<p>The strategy is heading in the right direction but many of the objectives must be, and can easily be, far more ambitious. We don't have the luxury of time to reduce per capita waste generation by only 10% in the next 10 years or to take another 30 years to increase tree canopy cover by 40% or to take another 10 years to achieve a 30% increase in native and indigenous plantings. This is dragging the chain and doing a great disservice to both our local area and planet.</p> <p>Regarding Council operations, I believe it is incumbent upon Randwick Council to follow the lead of the more proactive Councils in Australia that are currently on target to meet zero emissions at a much earlier date than your proposed strategy.</p> <p>A couple of specifics: when replacing street lights with LEDs, please ensure the globes are a 'warm' colour to reduce the deleterious effect of night lighting on insect populations, and when using recycled materials for roads and footpaths please ensure they are a porous material to reduce runoff and the consequent expense of stormwater systems.</p> <p>I've mentioned Julia Watson's book 'Lo-Tek: Designs by Radical Indigenism' to Council before. It details many global examples of local government and community initiatives in good environmental and climate management and would be highly pertinent in informing your environment strategy.</p>

	Submission
30	<p>I am very happy to see the goal to achieve 40% tree canopy coverage by 2040. Please ensure that there are greater protections to prevent removal of mature trees that are not endangering people or property. If only threatening property, it would be good to have stronger mitigation plans rather than moving directly to removal. I'm aware that there are mature trees in the council area that have been removed under very tenuous reasoning.</p> <p>Please implement programs to STRONGLY encourage greater planting in public and private domains, and provide assistance for selecting appropriate trees including small trees (<7m) for backyards. A publicly viewable council street tree register would be very helpful as well for people to identify different tree types that might be suitable for their needs. It's currently difficult to know which trees are suitable and how big they will grow.</p>
31	<p>Keep aiming towards, reuse, recycle, less waste, create jobs in these sectors and offer incentives for local residents & businesses</p>
32	<p>Streets: Can you please green the streets e.g. with more trees and plants. As the City of Sydney has done.</p> <p>Cycling: Can you please build a safe cycling network. As the City of Sydney is doing. Some streets with separated cycleways. Other streets could be slowed to bike speed and designated as 'Quietways' (as they call them in the UK) or 'bike boulevards' (as they're called in the US.)</p> <p>Liveability: Please apply the thinking of Jan Gehl - who says if you're kind and gentle to the cyclist and the pedestrian you get a sustainable city, you get a safe city, you get a more attractive city and you get a healthy city. https://soundcloud.com/environmentshow/jan-gehl</p>
33	<p>It's great to see Randwick Council's draft Environment Strategy. In my view, there is a key area missing in the Climate Change section, which is sustainable transport. I think Randwick Council should be seeking to maximise zero carbon transport by constructing cycleways, reducing parking and facilitating walking, cycling & bus transport to local schools. I would also like to see more ambitious targets for moving towards zero carbon in Randwick including sourcing all power from renewables for households and businesses and phasing out natural gas.</p>
34	<p>The draft Environmental Strategy is commendable. Along with changing street light bulbs to LED, I would like to suggest consideration be given to reducing the number of street lights. Street and city lights make a huge contribution to light pollution which has a disruptive impact on natural cycles and nocturnal animals. There have been several studies which show reducing street lights does NOT have a negative impact on night visibility or criminal activity. In many streets, there are excessive numbers of street lights. Reducing them would not only reduce costs to council but also have a very positive impact on the environment.</p>
35	<p>I think it's fantastic that Randwick is making an effort to support the environment. Unfortunately, many residents still don't seem to be educated or motivated enough to participate properly in the current recycling programs which leads to a lot of contamination in our recycling bins. If we just introduce food waste collection on top of existing recycling, the contamination issue is likely to worsen. Continuing education about what can and can't go into the recycling bins is needed as well as clearer signage on the actual bins. Aiming high, it would be terrific to have just one bin and then get all rubbish sorted after collection. That would take away the guesswork for users. Is something like this on the radar?</p>

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36	<p>Congratulations on this draft strategy, in particular your choice of four outcomes. I commend many of your approaches, however I feel some lack ambition e.g. reducing GHGEs by 60%. Why not net zero by 2050 as with some other councils (e.g. City of Sydney) and many institutions in line with the Paris Agreement? One method of climate change mitigation which could help with this reduction is the introduction of electric garbage trucks. Randwick council could lead the way in this as they have done so in Sutherlandshire. I really feel you could be significantly more ambitious in your targets with SMEs in particular in reducing their GHGEs and reduction of single use plastics. The waste generation target needs to be much higher - atleast requiring a 60% reduction to make it even worth mentioning. It's great that there is some focus on sustainable developments, however what about retrofitting older buildings so they are more environmentally and economically sustainable? As someone who works in sustainability, I feel that there is a good skeleton strategy here but it needs significantly more meat in order to be genuinely proud of it.</p>
37	<p>It is certainly worthwhile to increase tree canopy and look at alternative energy sources. However the Strategy primarily consists of a generic motherhood statements about "exploring" options with very little concrete action plans.</p> <p>The main problem in the area is overpopulation and increasing development which Council is not addressing.</p> <p>Council should also look at measurements of local air quality relating to traffic congestion (and increased use of woodburning stoves in winter). It is not sufficient to rely on the EPA measurements for local air pollution as the EPA deliberately sites monitors away from any roads or other local air pollution sources.</p> <p>Allowing huge numbers of people (tourists and residents) post COVID into natural areas even if providing walkways will continue degrade the natural environment.</p> <p>Fred Hollows Park is an unknown natural gem of remnant bushland that Council should look after better. There is often rubbish everywhere, and the signs pointing out natural features should be upgraded as they have faded badly..</p>
38	<p>I agree with most of what is proposed and it is good to see the Council being so pro active. What I do not understand however is that on a daily basis we see the local environment degraded by unsuitable developments. By unsuitable I mean massive high rises which add to congestion and which buildings appear to go to the boundaries of the properties they are on. Trees and bushes disappear. From the environmental impact statements I have seen it seems most trees are diseased and need to be replaced, a very convenient argument indeed. These trees are then replaced at best by wispy plants and there is no room for big trees. Whilst the Council is working towards 40% tree canopy cover that seems to be out of the main built up areas. I can see for example in the area of Coogee valley (Ritchard and Pauling Avenues) developments getting bigger and bigger and covering whole plots. The tree canopy has definitely shrunk. Even when people get rid of trees there seems to be no concerted effort to make them put them back, they are told to but they do not. And this is repeated ad nauseam as you go around the area. Perhaps there should be better follow up system to make sure trees are replaced as well. Thanks</p>
39	<ol style="list-style-type: none"> 1. While EV policy good it needs to be upgraded and updated to ensure installation of public superchargers (fee based) 2. Aim to have all Council vehicles using sustainable energy by 2025. 3. Improve cycle path network. 4. Plant native fruit trees in public areas and make available to residents for verges and private gardens. 5. Raise resident awareness of Indigenous environmental history and practices.

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1. I thank the GM, the Councillors, Peter and his team for this strategy. Without a strategy good intentions are ad hoc and may even conflict.
2. I endorse too the acknowledgement that the accumulation of little things can make a big difference; and that education and persistent is most likely to bring about the broad based behavioural changes required to impact our collective footprint.
3. (My opinion is that) Our State government and certainly our Federal government could do much more to improve our environment. City council level has better direct control. We may also hope that these efforts, costly as some may be, are noted politically and the sentiment towards environmental prioritising improves.
4. I love:
 - a. that new developments will be required to enhance the local ecology;
 - b. acknowledgement to generational equity;
 - c. working to improve and protect native habitat and natural assets.
5. Change of necessity does create conflict as new ways are introduced e.g. introduction of new bicycle lanes – which encourages bicycling and reduces car movements but does anger some car drivers who feel they have lost out in terms of road space and parking. Education particularly about the long term benefits to help the recalcitrant is essential.
6. Manage Conflict: Remnant Eastern Suburbs Banksia Scrub.
 - a. I note the goal of preservation/enhancement of biodiversity in particular RESBS and the fauna it sustains.
 - b. I highlight that it is imperative to co-ordinate activities within council departments to ensure this actually happens on the ground. This will require educating and empowering as necessary council operatives and outsourced service providers.
 - c. This spring we have observed harsh pruning and even razing of native flora along Beach Parade Malabar which has reduced habitat and cover for native birds nesting and left them vulnerable to attack by minor birds, magpies and the like.
 - d. I know this to be a response to a resident (the complainant told me so directly) requesting pruning in accordance with a 1994 Plan of Management.
 - e. Solution: ensuring the people on the ground as well as the people who despatch the work force/out-source know the bigger picture. The guys on the ground cut simply because they were told to cut...but now native birds have no native fauna in which to nest along this headland connector.
7. Solar:
 - a. The transition of Australia's power supply from hydrocarbon to renewable sources is to be encouraged – even if the Federal government subsidise elsewhere.
 - b. The more we can do at a local level is to be encouraged.
 - c. There are many as yet un-used solar generation sites in the RCC area. How long until RCC is able to fully offset its consumption?
8. Conserve Resources
 - a. Reusing 'waste' is unimpeachable.
 - b. Turning compostable waste to compost is also commendable.
 - c. I heard in the presentation that there was initiate to divert to "waste to energy" plants.
 - i. If this is to generate methane and burn to provide power, it has my support. However:
 - ii. I also heard the word pyrolysis used. Only in theory is this good. At least combusting plastic is using the source hydrocarbon twice but it is still highly GHG intense.
 - d. It is well evidenced that the recombination of combustion gases in waste to energy pyrolysis inevitably produces long lasting pollutants which are distributed widely through the stack (at whatever height) and ultimately into the ground and water systems.
 - e. If waste streams are homogenous the process can be optimised to eliminate these long lasting poisons but waste streams are only ever homogenous in testing.
 - f. RCC should not embark on waste to energy programs via pyrolysis – even with

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	<p>Veolia's slickest presentation graphs and even if EPA approved until we can be certain that the only emissions are water and CO2.</p> <p>9. Coastal Protection</p> <p>a. Gross Pollutant Traps are wonderful and to be encouraged, as is further cooperation with Sydney Water.</p> <p>b. It is medieval that our sewerage systems (SW assets) trip into storm water (RCC assets) when there is a blockage – which is an inevitable part of running a wastepipeline-network. Structurally we have created opportunities to regularly dump pollution into our bays. This also provides endless opportunity to point responsibility elsewhere and must end.</p> <p>c. The Draft Strategy does not adequately address this most serious of problems. Can the plan be enhanced to offer a solution to stop raw sewerage from ever running into our bays?</p> <p>10. Diversion of Coogee storm water to Malabar's Sydney Water WWTP.</p> <p>a. It is critical to ensure that the diversion of Coogee storm water to the sewerage streams does not result in over capacity at the Malabar WWTP.</p> <p>b. The plant regularly reaches capacity in times of wet weather from existing flows.</p> <p>c. This requires it to bypass some or all of their treatment processes resulting in partially or un-treated streams being released to the ocean.</p> <p>d. This capacity constraint is only going to tighten with Sydney's primary population growth targets being the Malabar plant's upstream catchment.</p> <p>e. It is critical that the diversion of Coogee water does not ever tip the Malabar WWTP beyond capacity as this is simply a referral of Coogee's problem to Malabar.</p> <p>f. I repeat and highlight: this wouldn't look good as a Telegraph headline....Malabar battlers get Coogee silver spoons' sh**.</p> <p>g. The strategy should do more to address this problem structurally as written it appears to be good intentions leading to bad unintended consequences.</p>
41	<p>May I congratulate Randwick Council for its far-sighted Strategy. This has obviously been a lot of work, and more importantly has entailed a lot of col sectors of Council.</p> <p>Were there to be no further enhancements of this Strategy, it would be a great boon to our City. Even so, I hope some of the suggestions offered below will be of some help. I shall start with a particular Strategy, then provide a suggestion on how to make it even better.</p> <p>1.1 Improve the connectivity of key bushland areas by maintaining 14,000m2 of appropriate ground covers, shrubs and trees between Botany Bay National Park, the Bunnerong Road Eastern Suburbs Banksia Scrub site, Yarra Bay bushland areas and Malabar Headland National Park by 2025.</p> <hr/> <p>It may also be feasible to develop the urban forests between these sites to enhance connectivity as well. This might be possible using two interconnected strategies: plantings along the nature stripes and other land owned by Council; and encouraging residents to put significant plants onto their properties.</p> <hr/> <p>1.2 Review our partnership with NSW Department of Lands, to identify unmanaged parcels of Crown Lands with high biodiversity potential, and seek</p>

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	<p>divestment of these lands to Council for inclusion with our bush regeneration program and coastal management by 2021.</p> <hr/> <p>Some private lands also have biodiversity potential, which could add to the biodiversity of the LGA. Perhaps UNSW students of Landscape Architecture could help with a survey?</p> <hr/> <p>1.6 Review the feasibility of upgrading the glasshouse facility at Council's Community Nursery by 2021, towards expanding its production potential.</p> <hr/> <p>Council might also review the feasibility of the nursery selling La Trobe University nesting boxes https://www.latrobe.edu.au/wildlife/nesting-boxes</p> <p>If nesting boxes could be provided for animals that help with pollination, predation of zoonotic carriers and with fostering endemic Australian animals, this could enhance the connectivity of the local ecosystems.</p> <hr/> <p>2.4 Implement an accelerated street lighting replacement program by replacing existing legacy street_ lights with 4,000 LED lights by 2022 to reduce greenhouse gas emissions and energy use across street lights by 30% per annum.</p> <hr/> <p>Electrical energy could also be saved by ensuring street lights don't turn on during the day.</p> <hr/> <p>4.1 Increase the percentage of gross pollutants captured from the stormwater system by expanding the Gross Pollutant Trap (GPT) network by 2027 by installing one new GPT each year, on major drainage lines currently without existing controls, located in the east and south of Randwick City.</p> <hr/> <p>Other techniques could be:</p> <ul style="list-style-type: none"> * to encourage residents to install rainwater tanks, since these are demonstrably effective in reducing runoff during storms; and * to allow developments to have stormwater retention tanks which encourage infiltration into the soil, particularly in the sandy areas of Randwick City. (I have installed one at our place, and I'd be happy to help provide specifications, of that were desirable.) <hr/> <p>4.5 Introduce monitoring and management programs to reduce microplastic pollution in our coastal waterways by 2025.</p> <hr/> <p>Consider installing dolphin plaques at drainage inlets to remind people that the discharges from gutters flow into our ocean.</p>
42	<p>Don't make Coogee beach better by making Long Bay worse! By diverting storm water from Coogee to Malabar and in turn to Long Bay will have A catastrophic on our water and lifestyle. Malabar residents are just as important as Coogee residents !</p>

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43	<p>BIKEast is pleased to make this submission on Council's Draft Randwick Environment Strategy. We applaud and support the efforts of Council to conserve resources, reduce stationary energy use, and protect our coastlines and biodiversity. However, we believe that any serious environment strategy must include a focus on our transport networks and prioritise sustainable transport. A plan for the environment must address transportation The NSW State of the Environment 2018 reports that while energy consumption overall has decreased over the last few years, "the transport sector continues to be the highest user of energy (45% of energy use in 2015–16)" and energy use for transport continues to rise. Improvements in energy efficiency and reductions in greenhouse gas emissions are undermined by our continued prioritisation of petroleum-powered private vehicles in our transportation planning. From the United Nations Sustainable Development Goals to the New South Wales Future Transport 2056 Plan and the Randwick Place Strategy, there is recognition that we must shift toward low-carbon transport strategies, including mass transit, walking, and bicycling. The environmental benefits of active transport go beyond energy use and greenhouse gas emissions, and include reductions in noise, air, and light pollution; reduced need for impervious surfaces for traffic lanes and parking lots; and reduced roadkill and impacts on wildlife. As we have seen during the Coronavirus pandemic, a reduction in automobile use and an increase in active travel creates immediate and obvious improvements in air quality, and the character of urban spaces. We request that Council's Draft Environment Strategy Outcome 2 be amended to acknowledge the importance of active transport, to consider and promote active transport in all Council actions, and to include specific targets for mass transit and active transport use and the implementation of associated infrastructure (including shared/dedicated pedestrian and bicycle pathways.) Suggested additions to Objective 2 Strategy 2.1 includes the adoption of the Greater Sydney Commission's target of 40% tree canopy. We support this strategy and suggest that Council adopt the entire text of the GSC Planning Priority E17, i.e. "delivering Green Grid connections" that will support walking and cycling. Strategy 2.3 requires that all Council plans detail climate impacts. We support this strategy and suggest that it also explicitly references 'transport analysis' as a critical component of any adopted methodology. www.bikeast.org.au Affiliated to: Page 1 of 2 Submission on the Draft Randwick City Environment Strategy In addition to these suggested additions, BIKEast suggests the following new strategies be added with the objective of:</p> <ul style="list-style-type: none"> • Establishing strong mass transit, walking and cycling targets for all trips within Randwick City. • Prioritising safe and accessible routes within and between local centres in Randwick City and beyond, consistent with GSC Planning Priority E10. • Ensuring the staff travel policy prioritises the use of active transport and public transport where possible. • Developing a public information campaign on the relationships between transport choices and climate change, and include support for transport behaviour change programs. <p>Concluding Remarks BIKEast supports Council's commitment to maintaining and improving the local environment, and applaud the intent of the Draft Environment Strategy. We encourage Council to take a more assertive stance toward transport reform. Without such leadership (and political will) progress toward the goals of this Strategy will be difficult to achieve. Thank you for taking the time to consider our feedback.</p>
44	No diversion of waste from Coogee stormwater to Malabar treatment plant - concern
45	The plans to divert storm water from Coogee to Malabar must ensure that the storm water does not cause overflow into Malabar and Long Bay. Malabar does not get the attention of some of the more high profile beaches such as Clovelly and Coogee but their improvement would not be at the expense of Malabar.

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46	<p>Very positive plan, and would like to see a lot of this implemented.</p> <p>However, I have very strong reservations about 4.2 Maximise stormwater harvesting at Coogee and partner with Sydney Water to divert stormwater to MWTP.</p> <p>I believe Sydney water have been told that MWTP is unable to cater for increases in stormwater and have requested RCC to ensure stormwater is not finding it's way into the sewage network.</p> <p>Before this is put in place, what mitigation will be in place in MWTP to ENSURE residents and users of Malabar Beach and Long Bay will not be adversely affected by this initiative</p> <p>If this cannot be accomplished, then the initiative fails this strategy's equitable principle, as it would cause emergency dumps directly into Long Bay, adversely affecting the residents and users of Long Bay and MalabarBeach.</p> <p>The water quality in Long Bay and Malabar Beach is continually improving from hard work by council, MWTP, Sydney Water and local residents. Implementation of an initiative that degrades that effort is strongly opposed by myself and my community.</p> <p>Should this initiative be selected, I would expect my council ensures the project decisions to be open and transparent. Publication of the solution details, it's potential impacts and solution selection criteria, and timely mandated community consultation with the detailed information made available, would be the minimum standard of conducting this project.</p>
47	<p>There are far too many instances where it says 'review'. That takes ages and means delay, delay. And timeline is too far out. This all needs to happen in next year. It's too late for 2040.</p>
48	<p>The plastics industry codes waste into seven categories based on chemical makeup for the purpose of recycling. We are told that if a number inside a triangle is stamped on our plastic containers it means that it can be recycled, in theory. Therefore, I place all my waste plastic into the recycling bin if it has a number inside a triangle stamped on it. The problem is, I feel as if I'm doing the wrong thing because there are media reports that say many of these plastics cannot be recycled.</p> <p>Section 3.2 of the of the Draft Environment Strategy talks about a recycling education campaign and I feel this would be helpful. I particularly think there should be an explanation of Randwick Council's recycling processes on their website.</p> <p>Further, (1) I suggest that the council have a section on it's website that explains what plastics it can currently recycle, how it manages to do this, how it monitors downstream processes that are not under its direct control, and list the final products that plastics are recycled into. (2) If plastics are not recycled, the website should indicate how they are disposed of or, alternatively, stored. (3) The Council could also indicate how all of the coded plastics might be recycled in theory. (4) The website should also have suggestions for industries, businesses and residents on what they can do to reduce waste, lengthen the waste life-cycle and make final waste benign.</p>
49	<p>Disappointing to see such little (to no) mention of the significant role of sustainable active travel (walking and cycling) on environmental impact such as climate change. I suggest council liaise with BIKEast to improve strategies around sustainable transport.</p>

	Submission
50	<p>LOVE LOVE LOVE this strategy, it makes me proud to be a resident of Randwick. Thank you for this great leadership and realistic, practical ways to reduce our environmental impact.</p> <p>There are two things I was hoping to see, but don't.</p> <p>1) ELECTRIC CAR CHARGING How can Randwick residents like me with no off-street parking ever replace my diesel car with an electric one? I want to see public on-street parking spaces (like those opposite my house!) have pay-per-use electric car charging capability.</p> <p>2) HOUSING ENERGY EFFICIENCY How can Randwick residents like me with old, cold houses figure affordable and effective ways to increase the energy efficiency of our homes? I don't know what to do to reduce my energy consumption, which is high.</p> <p>I'm sure there are many others in the same boat.</p>
51	<p>I support all the proposed initiatives in the draft Environment Strategy and agree the local government needs to do its part to mitigate and plan for climate change impacts. However, I wish the strategy included measures to facilitate the use of active transport (safe and pleasant walking and cycling paths) in the Randwick Council area. I lived in Randwick recently and the most negative aspect of living here was the heavy traffic combined with lack of green buffers - it meant that walking to work was unhealthy and kind of stressful due to the pollution from cars and the noise.</p> <p>I am glad the strategy includes increasing the tree cover/amount of vegetation because it makes such a huge difference to how pleasant it is to walk around a neighbourhood - the walking path next to the racecourse on Wansey and Alison Roads is now lovely despite the heavy traffic next to it.</p> <p>Additionally - this may just be a pipedream, but if there is any chance the Randwick Racecourse could be turned into a public park and nature reserve, that would be amazing. I just don't see horse racing enduring over the next century. Having this extra green space that anybody could enjoy would be transformational.</p>
52	<p>Thank you for your continued commitment to protecting our environment and the lives within it!</p>

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53	<p>I think it is a bold and comprehensive plan but there are several suggestions. The plastics industry codes waste into seven categories based on chemical makeup for the purpose of recycling. We are told that if a number inside a triangle is stamped on our plastic containers it means that it can be recycled, in theory. Therefore, I place all my waste plastic into the recycling bin if it has a number inside a triangle stamped on it. The problem is, I feel as if I'm doing the wrong thing because there are media reports that say many of these plastics cannot be recycled.</p> <p>Section 3.2 of the of the Draft Environment Strategy talks about a recycling education campaign and I feel this would be helpful. I particularly think there should be an explanation of Randwick Council's recycling processes on their website.</p> <p>Further, (1) I suggest that the council have a section on it's website that explains what plastics it can currently recycle, how it manages to do this, how it monitors downstream processes that are not under its direct control, and list the final products that plastics are recycled into. (2) If plastics are not recycled, the website should indicate how they are disposed of or, alternatively, stored. (3) The Council could also indicate how all of the coded plastics might be recycled in theory. (4) The website should also have suggestions for industries, businesses and residents on what they can do to reduce waste, lengthen the waste life-cycle and make final waste benign.</p>

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First of all, I would like to thank you for providing the opportunity to review and provide feedback on the Council draft environment strategy. LGAs play a key role in addressing the major environmental challenges we face and in developing solutions to enable a sustainable model for our societies. It is therefore great to see the work that the Council has already done in this field, such as the rain water tank being installed at Maroubra beach and the upcoming FOGO, and the one it is preparing for the coming years under this new environment strategy. You will find in the present submission some general comments on the draft environment strategy as well as detailed comments on the broad outcomes and associated objectives and strategic approaches defined in the draft strategy. I hope these will be useful and thank you again for this opportunity to contribute.

General comments

Although the strategy seems to address most relevant areas falling under the Council's responsibilities via the 4 broad outcomes it is proposing, my general feeling is that some of the 6 broad objectives should be more ambitious and that the strategy needs some additional broad objectives.

Whilst I agree with the importance and relevance of the objectives defined across Randwick City Council and to have the Council engaged in information and education programs to promote changes in some aspects of our daily lives across the whole community, it is equally important to see the Council continue to lead by example in its own activities. I therefore feel that the strategy should also include clear objectives and strategic approaches related to the council's own activities and impacts.

In addition, the strategy does not seem to address the impact the Council can have through its buying power and sourcing strategy/policy in regards to the environment. If this is not the case already, could the Council add objectives aiming at having procurement practices that ensure 100% of products/services sourced are ethical and sustainable?

Finally, transports are a major contributor to greenhouse gas emissions but doesn't appear to be expressly addressed in this strategy. It would be important to see the Council take further actions to promote the use of sustainable transports and further develop appropriate infrastructure, such as additional cycle ways, bike racks etc. to enable more people to embrace sustainable transports and reduce the use of private vehicles for day to day activities.

Detailed comments

1. Outcome 1 - Biodiversity conservation

In 1.4, it is not clear, beyond the mapping of native habitat what the objective is in terms of surface area of preserved native habitat, assuming that one would like to aim for both an increase of the area of preserved habitats and an improvement of their "quality". Some quantitative objectives would be clearer.

Although it is covered as a strategic approach in the climate change outcome, increasing the tree canopy coverage to 40% by 2040 may also be key for outcome 1 and seems important enough to be an objective on its own.

2. Outcome 2 – Climate change

Aiming to be a zero emission community rather than aiming for a 60% reduction (noting that the reference year is not defined) would seem more ambitious and more appropriate in view of the overall reduction that has to be achieved nationally and internationally to meet the target of keeping the increase in temperature below 2°C and ideally below 1.5°C.

As a minimum the Council could aim for its own operation to have zero emission by 2030.

Further comments:

- 2.1 the strategic approach and objective appear stronger and clearer on the website as it clearly states that the aim is to achieve 40% tree canopy coverage over the Council area rather than stating to "adopt the Greater Sydney Commission target of 40%..."

- 2.4 in addition to this great initiative, is it envisaged in parallel to review the lighting requirements to see if energy can also be saved by reducing the lighting in some areas/during certain time?

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	<ul style="list-style-type: none"> - In view of the overall GES reduction objectives, I feel that 2.7 and 2.8 are not ambitious enough. - In line with general comments above, it would be good to see some strategic approach for the council's own operation (e.g. reduction of its fossil fuel consumption by X% by developing its fleet of electrical vehicle/reducing the use of its conventional fuel vehicle, etc.). - Although the council has already done some very good work around bike path, the strategy doesn't explicitly define actions/strategic approaches related to the development of sustainable transports which I believe is an important gap that should be filled. <p>3. Outcome 3 – Conserve resources</p> <p>As per outcome 2, the objective related to the reduction of the consumption of energy and water across Randwick city per capita should be more ambitious. It would also be logical to have formal objectives on this for the Council's own operation as well as objectives related to reducing the amount of waste generated by the council activities (with a target of zero waste to landfill?).</p> <p>Having embraced a zero waste philosophy for some years now, we have seen that there are huge potential for reducing our wastes with some easy wins in our daily life. Knowing how important reducing our waste is to address the environmental challenges we face, the 10% reduction by 2030 objectives (3.2) seems very limited and not up to the issues we face. On the same token a more ambitious approach to tackling the issues related to single use plastic, and in broader terms disposable/single use items, strategic approach 3.6 doesn't seem ambitious enough.</p> <p>In addition to the initiatives listed in 3.2, developing local infrastructure to promote and facilitate reuse of products would also be important.</p>

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Climate Action Sydney Eastern Suburbs (CASES) has recently helped Randwick City Council increase their canopy target from 18% to 40% by 2040 to align with the Greater Sydney Commission (GSC) target. However, this has not been stated as an Objective in the Draft Environment Strategy, despite what the emails inviting submissions say. Because this change is so recent, there is no Strategic Approach worked out to achieve it – 2.1 merely states the objective as a strategic approach under the Climate Change Outcome.

In addition, there is no Objective stated for Active Transport. It has been a long-held policy of Randwick CC to encourage Cycling and Walking. This was clearly stated on the establishment of Council's CABFAC (Cycleway and Bicycle Facilities Advisory Committee) and repeated in the recent draft Randwick Junction Town Centre (RJTC) Plan, soon to go on public consultation. This is all the more important now that there are restrictions on the use of public transport, due to COVID-19. This policy is clearly designed to reduce the amount of emissions from vehicles, which are increasingly diesel powered. Measurements of air pollution around schools during drop off and pick up times show an alarming increase. Increases in Active Transport and Public Transport, or a Reduction in Private Car Use, should be another Objective under the Climate Change Outcome.

For a number of years, and after having been knocked off my bike a couple of times, I have been attempting to get Safe Cycling in Randwick, particularly to the RJTC, with the near-by Prince of Wales (POW) Hospital and University of NSW (UNSW), from all directions. Despite resolutions from the Randwick Precinct Committee and my being allowed by Council to join CABFAC as a community representative, I have not succeeded, and my wife forbids me from cycling to the RJTC, POW, UNSW or anywhere else except Centennial Park, close-by. The draft RJTC Plan, presented to the Randwick Precinct Committee at their recent meeting, admits the problem and has no solution, except for bike Parking (Infrastructure in Place). CABFAC admitted the problem a couple of years ago, when I submitted a document on Safe Cycle Access to the Randwick Light Rail Terminus, but refused to depart from the Randwick Cycling Plan. This was developed and mapped in 2009, with \$5M allocated for implementation. The Cycling Routes were given Priorities in 2015, after public consultation, yet none of the planned cycleways had been built or future routes marked out with cycle symbols and wayfaring signs by 2018. CABFAC did, however, suggest Council might review their Priorities for Bike Routes in 2020 to allow for missing routes from the north and south (Initiative for Bicycle Riders - Pending Item 18/19).

Having failed to get Safe Cycling in Randwick, I turned my attention to Safe Walking. I noticed that Waverley not only had a safer cycling network but also had the beginning of a Green Link Network painted on the footpaths for pedestrians between Queen's Park and neighbouring suburbs. I suggested this idea to Randwick Council and was encouraged to pursue it. The idea is that walkers and joggers should stick to back streets, alleyways, avenues and reserves that are shady (up to 11 degrees cooler) and preferably away from traffic fumes (a cause of asthma and lung cancer). I have since discovered that the Green Links idea came from the Greater Sydney Commission (GSC) Green Grid concept.

However, the Green Grid concept of the GSC was envisioned for all types of active transport and designed to link green parks and reserves to town centres and beaches, where people congregate. It is flawed in three ways:

1 It includes main roads, such as Anzac Parade and Bondi Road, which are choked with traffic (noisy and air polluted) and have parking in town centres, so that there is no room for cycleways and they are unpleasant for recreational walking. Randwick have abandoned attempts to have a cycleway down Anzac Parade through Kingsford since the Light Rail does not accommodate it. Waverley have abandoned Bondi Road and provided a safe back street route from Bondi Junction to Bondi Beach.

2 It promotes Shared Paths, which are a problem for pedestrians and perambulators when they become busy with cyclists, and vice versa. This raises the problem of cyclists on footpaths generally, particularly around the RJTC and UNSW. We participated in an official cyclist count at the crossroads at the eastern corner of High Cross Park during a morning rush hour - about a half of the cyclists were on the footpaths rather than roads. Shared Paths should be designed to be wide enough for both pedestrians and cyclists in both directions, preferably with marked

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separation, like cycle lanes on roads.

3 The Green Links may be made greener with plantings but they are rarely shaded, an essential feature for runners and walkers in summer, which is becoming half the year. The only part of the Green Grid included in my Pedestrian Green Link Network is the Coastal Walkway. Ironically, this has very little canopy, but is usually blessed by sea breezes. The Coastal Walkway should be prohibited for adult cyclists (see 2) and an alternative safe cycling route provided.

4 The Sydney Green Grid Plan includes all existing cycleways and very little else. The Randwick LGA appears as a 'white hole' on the map, with only Anzac Parade and the existing N-S cycling route of Fern St, Mount St and Malabar Rd shown. Clovelly Road is mistakenly shown as a Green Link on one map, then corrected to McPherson Street on the next. There are no Green Links shown to the RJTC. Councils are presumably expected to develop their own Green Links and map out their own part of the Green Grid.

I proposed a timely initiative under the 3 Councils' Climate Action Community for Impact program for CASES, BikeEast, Safe Cycling Randwick, WalkSydney, CABFAC and the 3 Councils' Sustainability Group to work on: SATIN - Safe Active Transport Infrastructure and Networks. I have also suggested that CABFAC be renamed as it has for some time been considering walking as well as cycling: it could be named ACTIFAC (Active Transport Infrastructure and Facilities Advisory Committee).

SATIN is a strategic approach to achieving two Active Transport Objectives, which should be in the Environment Strategy under the Climate Change Outcome: a Safe Cycling Network and a separate Pedestrian Green Link Network for walking, perambulating and jogging. Canopy creation and Verge Gardens should be directed to the Pedestrian Green Link Network as well as to places where people congregate, such as parks and reserves and shop and restaurant strips. The two networks should only overlap where both safe cycling and separated shady walking can be accommodated, such as McPherson Street in Waverley.

Since Waverley Council are developing a Walking Strategy, I will also make a similar submission to them for their consideration.

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56	<p>I congratulate Randwick Council on taking such a positive and direct approach to improving and protecting our environment with the Draft Environment Strategy (DES). Further action could include:</p> <p>1) Climate change is causing our summers to be hotter and longer, so more tree cover will be necessary to make our city cooler (Beautiful trees, not just bushes). Section 2.1 states that the Council should adopt a target of 40% tree canopy by 2040. There are plenty of bare median strips, roundabouts and sidewalks in the municipality. This program should be front loaded so that we see the results of new tree plantings immediately.</p> <p>2) The central objective for climate change mitigation in the DES is to reduce greenhouse gas emissions across Randwick City by 60% by 2030. This is vital at a minimum and we could go further. Our world is made up of many small communities who will jointly tackle climate change only if they have confidence in the combined effort. We need to show the rest of the world that we are doing our part.</p> <p>3) While electric cars powered by renewable energy are the Green solution to our transport needs, Australia's adoption rate is low relative to many other countries. One reason for this is a porous charging station network. Randwick Council have been on the front foot in installing several charging stations but more can be done. Fast charging stations (50kw) make trips more feasible and queues shorter.</p>
57	<p>Ref Outcome 4, section 4.2.</p> <p>"Maximise stormwater harvesting at Coogee and partner with Sydney Water to divert stormwater from 1-month storm events into their infrastructure and away from Coogee Beach by 2022, to achieve a "Good" or better water quality rating as per the NSW Department of Planning, industry and Environment's Beachwatch Water Quality Program."</p> <p>I am extremely concerned that diverting stormwater from Coogee to make that beach look good, will mean diverting stormwater to Malabar treatment plant whether that plant can accomodate the additional stormwater or not. If the additional stormwater cannot be accomodated by the Malabar treatment plant then Malabar beach will suffer for the sake of Coogee beach. If this is the plan how is that fair to Malabar local residents such as my family and friends who use Malabar beach on a regular basis.</p>
58	<p>I am in support of the strategy and urge the council to go as far as they can in every way to protect the environment, respect the traditional owners of this land and their requests in every way possible</p>

	Submission
59	<p>I am writing to make a submission regarding Randwick Council's Draft Environmental Strategy which has been put before public exhibition. While the draft has considered strategic actions to solve or reduce environmental impact, we note that at this stage detailed actions points with regards to how Council will - "Reduce greenhouse gas emissions (CO2 equivalent) across Randwick City by 60% by 2030." are not outlined. While we understand this to be a high-level strategy document, we would like to provide comments on the potential role of carshare as a strategic tool.</p> <p>We believe that the strategy would benefit from adding an additional action item, 2.10 to the draft environmental strategy:</p> <p>to "reduce overall transport emissions within the LGA and those released by Councils own transport use".</p> <p>Transport is Australia's third largest source of greenhouse gas emissions (96MtCO2e per year, 17% of total emissions) (Australian Government 2017a). Transport emissions have grown more than any other sector, increasing nearly 60% since 1990 (Australian Government 2017a). Privately owned cars are responsible for roughly 50% of all transport emissions in Australia. Carshare is in a unique position to be able assist with reducing these emissions as the service acts almost as an opt in road user charge, presenting individuals with the true cost of car travel. As such carshare members have been found to reduce the total number of km's they drive by up to 50% (Phillip Boyle & Assoc, 2016)</p> <p>Vehicles in professional carshare fleets are also much newer and more fuel-efficient than the average vehicle. They emit fewer greenhouse gases and fewer urban air pollutants such as carbon monoxide and nitrogen oxides. So, in addition to driving less overall, a car share driver will consequently produce fewer emissions per kilometre than the average private driver. Increased uptake of car sharing will contribute to the realisation of Councils target of reducing greenhouse emissions by 60% by 2030</p> <p>Supporting the role of Carshare in solving transport emissions</p> <ul style="list-style-type: none"> • Carshare reduces overall emissions of members through reduction of driving. • Consideration of new ways of providing carshare - such as cars at public transport hubs - can further reduce the amount of km's driven by incentivising public transport use for the bulk of a journey. • Further support for carshare through promotional avenues options, as well as adhering to the environment strategies goals of equity by ensuring fees charged to private vehicles are equivalent to carshare. <p>In addition to the opportunities carshare provides to support Council in its goal of reducing overall emissions, there are clear avenues with which the strategic growth of our service can support Councils goals in other areas of this strategy. For instance, by utilising carshare as a strategy to reduce overall parking demand Council may be able to increase the overall tree canopy via street trees where traditional parking would have previously occupied.</p> <p>These are just some examples of the role carshare can play to assist Council in achieving its sustainability goals. We look forward to working with Council staff in the future to build a healthier and greener Randwick...</p> <p>Regards, GoGet Carshare</p>

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I am very supportive of Randwick Council's efforts to improve the environment at any level, inside or outside the LGA.

Generally, the plan is well intentioned, but for something we want to serve as a ten year guide I was surprised there wasn't more substance to it. For example, I would hope to see baseline measurement points included and perhaps targets broken down with 1-2 year mileposts to gauge progress. Perhaps something of an implementation section outlining strategies that could be used to achieve the goals of the plan.

Please see specific remarks below. I would appreciate a response outlining any changes made to the proposed plan, and would be happy to re-review if that is helpful.

OUTCOME 1 Biodiversity Conservation

> Increase by 30%, the number of native and Indigenous plantings across Randwick City by 2030.

- Needs baseline measurement
- This leaves out fauna. Below I suggest adding an outcome specifically for that.

STRATEGIC APPROACH

> 1.1 Improve the connectivity of key bushland areas by maintaining 14,000m2 of appropriate ground covers, shrubs and trees between Botany Bay National Park, the Bunnerong Road Eastern Suburbs Banksia Scrub site, Yarra Bay bushland areas and Malabar Headland National Park by 2025.

- It seems impossible to "improve" connectivity simply by "maintaining" it at a fixed amount (assuming it is currently at that fixed amount of 14,000m2). Should this read "create and maintain"?

- Suggestion: "For connectivity of key bushland, increase from ____m2 to 14,000m2 of appropriate locally indigenous species of ground covers, and shrubs for habitat..."

Add strategic approach:

- Expand connectivity by creating ____m2 of new appropriate native ground covers, shrubs and trees in council parks for habitat. For example, sites along the coastal walk (Shark Point, Dunningham Reserve, etc) have ample room for new and expanded habitat areas.

- Increase backyard habitat programs through residential incentives.

Add new outcome: "Increase by 90%, the abundance of aquatic and terrestrial (including bird) native fauna across Randwick City and coastline by 2030."

- Measure at a per-species level as number of individuals compared to baseline.
- Focus on uncommon species of local conservation significance (e.g. Fairy Wrens, New Holland Honey Eaters, Spotted Pardalote, migratory species and uncommon shore birds etc)
- As a Randwick City strategy that could specifically improve marine conditions, consider efforts to minimize the use of disposable plastics and reduce plastic pollution that ends up in the ocean.

Add objective to see increase in invertebrate numbers and diversity.

Add strategies:

- Maintain biodiversity habitat by developing incentives to prevent small scale "exempt and complying developments" or other larger permitted developments which result in the loss of habitat.
- Increase biodiversity habitat by developing incentives to encourage the depaving of public and private spaces.
- Increase biodiversity habitat by developing incentives to encourage native vegetation planting on private property.

OUTCOME 2 Climate Change

> Adopt the Greater Sydney Commission target of 40% tree canopy coverage by 2040, to provide habitat, shade and heat reduction benefits.

There appears to be no mention of tree canopy coverage in the most recent Randwick "State of Our Environment" report (2018-2019). Suggestion:

Submission

Adopt the Greater Sydney Commission target of 40% tree canopy coverage by 2040, to provide habitat, shade and heat reduction benefits. Publicly report on canopy coverage annually so progress on this strategy can be measured.

> Implement an accelerated street lighting replacement program by replacing existing legacy street lights with 4,000 LED lights by 2022 to reduce greenhouse[sic] gas emissions and energy use across street lights by 30% per annum.

Implement an accelerated street lighting replacement program by replacing existing legacy street lights with 4,000 LED lights by 2022 July 1, 2021 to reduce greenhouse greenhouse gas emissions and energy use across street lights by 30% per annum. Begin the program immediately by mandating the use of LED as replacement lights whenever needed.

> Implement by 2022 information and delivery programs such as the Australian Energy Foundation (or similar programs) to increase rooftop solar installations by 20% for Randwick householders and businesses, including those living in single dwellings and multi-unit dwellings. This strategy is on the right track but if I understand it correctly, it seems insufficiently ambitious.

A 20% increase (over 2020 numbers?) by 2030 is not a large increase in ten years. Suggestion: Implement by 2022 July 1, 2021 information and delivery programs such as the Australian Energy Foundation (or similar programs). Set the goal of to increase increasing rooftop solar installations by 20% to 60% (or by 60%, whichever is larger) for Randwick householders and businesses, including those living in single dwellings and multi-unit dwellings.

> Facilitate solar installations or energy saving measures across community organisations, clubs (RSL) and remaining schools across Randwick city, via the Solar My Schools initiative and its extension, to reduce greenhouse gas emissions at these locations by 10% by 2025.

This is a great strategy and it would be fantastic if the goal could be 25% rather than 10%.

> Procure 100% of Council's electricity through renewable energy power purchase agreement (PPA) by 2025.

Considering the council has direct immediate control of this and can lead by example, it is essential that the PPA be in place much sooner. I signed my house up for green energy the day I moved in (purchase time: one day). Is there a legitimate reason the council could not have a PPA in place by the first day of the next fiscal year - July 1, 2021?

> Partner with 10% of small businesses across Randwick City and engage on energy savings programs to achieve a 10% reduction in their greenhouse gas emissions by 2025.

This is commendable, and should be kept.

Potential additional strategy:

Implement a variable green energy supply transition challenge which would operate as follows:

- Encourage Randwick Council residents and staff to become green-power purchasers.
- For every KWH of green power purchased by Randwick residents or staff, Randwick Council will purchase a matching amount of green power for its own operations (capped based on the energy use of the council).
- This would encourage residents to advocate neighbor-to-neighbor, and staff to advocate peer-to-peer, and double the green-energy impact the council could have.

Add strategies:

- Lobby state and federal governments for positive action on climate change and renewable energy.
- Consider possibilities to alter rates/fees/charges in ways that better account for the high externalized costs of carbon pollution. For example, "section charges on rails, pipes, cables and poles" could be increased for gas and oil companies, with the additional revenue used to support climate mitigation efforts. See: "AGL and other gas and oil companies possess, occupy or enjoy structures located on, under or over public land in Randwick City. The Council will make a charge based on the revenue benefit derived from these structures by AGL and other oil and gas companies." Operational Plan and Budget 2020-2021 (p. 101)
- Consider possibilities to alter rates/fees/charges in ways that incentivize transitions to low carbon alternatives. For example, paid parking and residential parking permits for

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	<p>electric vehicles could be lower than their non-electric alternatives; such things could be revenue neutral (or even revenue positive) by increasing the rates for the non-electric parking.</p> <p>OUTCOME 3 Conserve Resources</p> <p>For an informed public consultation, please provide baseline measurements - a) for transparency, and b) to allow people to determine exactly how ambitious or not the proposed measures are.</p> <p>> Increase residential recycling to 70% across Randwick City and divert 75% waste from landfill by 2025.</p> <ul style="list-style-type: none"> • What is the current rate? • Additional approach should be providing parity between bin & recycling offerings. • Trial incentives to allow residents to opt-in to twice-monthly bin collection. • Generally feel this outcome's approaches should be much more ambitious. <p>OUTCOME 4 Coastal Protection</p> <ul style="list-style-type: none"> • Increase community education. • Community surveys seem non-scientific. Need more accurate measurement of coastal pollution. • Identify hotspots of coastal pollution [litter & biochemical]; work with businesses & residents to tackle these. <p>> Strengthen the LEP by 2021 to include new coastal planning provisions to ensure all new development complies with the communities desired future character principles of the coastal zones</p> <ul style="list-style-type: none"> • also emphasize the need to protect existing vegetation from developments, in strategy

	Submission
61	<p>There are many encouraging things in the draft Environment Strategy, thank you for putting this document together and I am very much looking forward to the strategy implements.</p> <p>I do think that there are some missed opportunities:</p> <p>I would like to see more focus around engagement with companies with a sustainability or climate change focus, such that the council can encourage its contractors to think holistically as well. For example, the council's PPA is with Origin Energy, who is doing shale gas drilling in the Northern Territory, which if allowed to continue, will undo all the hard work the Council is doing for CO2 mitigation (outcome 2)</p> <p>Another example is Land Lease, who is involved with a project in SW Sydney that will clear critical koala habitat, so while its may not affect local biodiversity, we are indirectly funding habitat loss when they win work in our locality (outcome 1). Is it possible to evaluate DAs against company sustainability performance as well?</p> <p>Could the Council develop a sustainable technical design guideline, or company sustainability criteria that the council evaluates again for major projects and development applications?</p> <p>With conserving resources I believe further education of residents and businesses about how to reduce waste and recycle is required. Would the council consider a repair cafe program? Can the council mandate that businesses must not use disposables for dine-ins?</p> <p>The above point also relates to 4, coastal protection. There is so much waste on my street near Anzac Parade 9 ways, some domestic and some from businesses. e.g. Macdonald wrappers and chips packaging, and many will end up in our waters. More resources such as public art doubling as PSA, posters for bins, penalties for businesses, etc may be able to help reduce the amount of garbage that ends up on our streets. Are we looking at what is being caught by the GTP? it might be good to think about how to reduce those waste at the source.</p>

	Submission
62	<p>1. While appreciating environmental strategy focuses on the natural environment and people's interaction (impact) with it, the focus is too narrow. I consider you should incorporate the built environment into this strategy, particularly the extensive range of heritage items in the City. Ultimately the built environment has an enormous impact on the quality of life of residents and their impact with the natural environment. Therefore, Council needs to extensively map topography, aspect (solar access), wind patterns and water flow (partially done through floodplain studies) across the City.</p> <p>I am concerned about excessive tree canopy being imposed on areas which are built up (medium/ high density) and the associated dwellings being in perpetual gloom, whereas intelligent building design (eaves, insulation) etc can resolve heat impacts. In addition a dense tree canopy (especially natives which constantly shed leaves) can lead together with leaf run-off blocking gutters (Council only sweeps gutters one or two times a year - at best and vehicles parked make the job incomplete). I discuss tree canopy further below.</p> <p>2. Concern about 40% tree cover. The statistics regarding tree cover in Randwick City need to be analysed more carefully to make sense of the claim that the City has insufficient tree cover. A large percentage of the city is open space in southern part (eg golf courses). This open space has a very low level of tree cover although arguably the best area to improve tree cover. Built-up densely populated areas of the City already have a very good level of tree cover. Any 40% initiatives on tree cover need to ensure that this is implemented in those areas with low existing tree cover. I welcome Council's move to focus on native vegetation (including shrub cover) in favour of large trees.</p> <p>3. Waste management. I consider Council needs to take a more nuanced approach in collecting waste and recyclables. I expect there would be vast differences between houses and multi-unit housing in adherence to Council's current sorting / non-contamination guidelines. I consider that in multi-unit housing Council should provide bins which encourage correct sorting – for example paper bins with narrow slots, container bins sized for a large bottle etc. These would not be practical for a single dwelling due to an excessive number of bins, but where multiple bins are provided to one multi-unit address, greater options are available. I also consider that Council should provide bins with 'see through' sides so it's very clear what has been deposited.</p> <p>On 'council clean-ups' I consider an investigation should be made for a permanent drop-off point for use by residents (perhaps booking required). It's a shame and waste that so much serviceable furniture ends up in landfill. The drop-off point (warehouse) could be open to the public (residents and non residents) to purchase (gold coin donation) the furniture dropped off by residents. Could Council consider a joint initiative with Waverley and Woollahra Councils for something along the lines of 'reverse garbage' as operates in Marrickville?</p>
63	<p>Why can't the tree canopy of 40% coverage be implemented by 2025? With 12% canopy coverage (the same as Botany) it is about time that trees were protected on every Development site and STRICT implementation of replacement trees adhered to. I am sick of seeing every block of land in my area of Maroubra clear felled and almost NO trees being replanted after construction. With Randwick Municipality ballooning we need as much green space as possible with less asphalt and concrete and more natural grass, trees and plants - so far there is too little. Stop allowing removal of substantial trees on Council medium strips unless every other alternative has been assessed. I have also been told that Council has required home owners to remove trees when a DA is approved even though this was not requested. The precious Eastern Suburbs Banksia Scrub needs more protection from Developers and the public who do not appreciate or understand it's importance for the East and may inadvertently destroy it.</p>

	Submission
64	<p>Randwick City Council is to be commended for giving some thought to the environmental impact of climate change and ways in which households, businesses and community groups can help to ameliorate it. However, naming this document as a Strategy is inaccurate - as the Introduction to the document states, it only provides long-term goals. It lacks the budget, costings and information about the sources of funding necessary to enable it to stand as a Strategy. Further, interested community members need specifics on costings and funding to be able to make meaningful assessments of the goals and the proposed timeframes.</p> <p>The general statement in the Introduction that 'Caring for our environment requires all of us to do the little things that make a difference' suggests that the little things will be outlined and the differences they will make will be discussed. However, the objectives listed in the Outcomes are not 'little things', with the exception of the proposal that households separate food waste from recyclables and other garbage. Most outcomes are likely to have hefty price tags attached eg Outcome 2 Objective: 'Reduce greenhouse gas emissions ... across Randwick City by 60% by 2030' or Outcome 3 Objective 2: 'Reduce consumption of energy and water across Randwick City by 60% by 2030'.</p> <p>If Council is planning to encourage households and/or businesses to invest in new or different technologies eg solar panels, water tanks or heat pumps, it would be helpful to know how Council plans to do that. Will Council be negotiating bulk purchase discounts for such items, for example?</p> <p>We have used the verb 'encourage' rather than 'require' or demand that' investment be made in new technologies, as the impact of the current recession and its longevity are not quantifiable. If Council endorses the goals published as the Strategy, it is imperative that compliance be voluntary.</p> <p>The reality is that:</p> <ol style="list-style-type: none"> 1. UNSW has shed staff and more sackings are imminent. Many staff who have kept their positions have had their hours and incomes cut; 2. international students are not able to come to Australia for the foreseeable future, reducing the demand for rental properties in the Randwick Council area; 3. international tourists are similarly unable to travel to Australia, negatively impacting the demand for accommodation in the area and the demand for services, affecting the incomes of accommodation providers and other businesses; 4. when residential or business leases expire, there is less demand for the spaces and long lead times to fill vacancies, impacting on owners' incomes; 5. when residential or business leases expire, the lower demand means places attract lower rents, affecting owners' ability to absorb extra costs; 6. many owners are already behind financially as they have given rebates or discounts to tenants in response to the pandemic; 7. old blocks of units and flats in the area have not been fitted for these new technologies and the costs to implement changes may be substantial in terms of changes to plumbing and electrical wiring, for example; 8. the future employment outlook is uncertain, in terms both of job prospects and income prospects; and 9. any extra costs required or incurred by owners will have to be passed on to tenants. <p>While Randwick Council's ideals are worthwhile, the proposal cannot be properly evaluated without reliable costings and a funding proposal. In any event, the current pandemic and associated recession mean that projects will have to be undertaken on a voluntary opt-in basis rather than by regulation.</p>

	Submission
65	<p>The draft environmental strategy doesn't address the gross overcrowding and overdevelopment in certain areas ie Kensington and Kingsford. How is putting massive development along Anzac pde doing anything except increasing urban heat Island and wind tunnel? It's destroying the environment. Also public transport and traffic is a joke so I'm almost completely reliant on my car even for short trips. I'm spending longer in my car because the traffic is so bad, so increased pollution. This survey seems to be just greenwashing.</p>
66	<p>Points 2.2-2.9 worry me – words like “mandate’ make me think of the Victorian Government – bullying combined with incompetence</p> <p>This is an article from the Nature stable looking at the potential downside of renewables – authors from Queensland, Canada and USA</p> <p>It is also of concern to me that the people who push renewables strongly often have investments in them</p> <p>If even Mike Moore has doubts (Planet of the Humans) about renewables the council needs to be careful that what would seem to be a good thing actually makes it all worse – something that runs on a repeating roll in human history</p>
67	<p>I read with interest your Draft Environment Strategy. I have just a few comments on the Climate Change objective:</p> <p>1) It would be good to place the 60% emission reductions by 2030 in the context of what would be needed worldwide to meet the Paris Agreement 2degC global warming limit. Further reductions beyond 2030 will be needed to meet this target and I wonder if it should be made clearer that the 60% by 2030 reduction is a good first step towards carbon neutrality later in the century.</p> <p>2) The strategy notes that future planning will need to consider impacts ON climate change. This is great!... but I wonder if future planning also needs to consider the impacts OF climate change, though perhaps that belongs in strategies describing risk assessments for infrastructure, health, etc.?</p> <p>More generally, I wonder if the document would benefit from a box and/or bullet points summarising the advantages of all of the objectives for health and wellbeing of Randwick's residents.</p>

	Submission
68	<p>Dear Mr Said,</p> <p>Thank you for sending out this draft Environmental Plan: the initiatives listed there sound very positive! However, the 'headline' targets listed above need some revision, I feel: e.g. the first, 'Using 100% renewable energy by 2020'. This seems very ambitious, not to say 'courageous', and seems, in fact, to be contradicted by the info in the 'Environment Strategy' itself! And the second, 'Using recycled material in our roads': in the longer document, we read 'Research the use of asphalt products containing recycled materials (e.g. glass) by undertaking trials on high, medium and low traffic road pavements located in Randwick and Maroubra by 2023', a wonderful initiative. So maybe the 'Using' needs to be "toned down" until the research proves that these recycled materials are indeed effective?</p> <p>In short, maybe the 'targets' listed in the headline area of the Council's email - which are all that most people will read, I imagine - need to be reviewed to better reflect the realities spelt out in the document itself.</p>
69	<p>One enquiry I have is; why are there not more solar panels on RCC buildings and solar powered streetlights such as the ones around the Randwick enviro park at Sth Coogee ?</p>
70	<p>May I congratulate Randwick Council for its far-sighted Strategy. This has obviously been a lot of work, and more importantly has entailed a lot of collaboration bet the different sectors of Council. Were there to be no further enhancements of this Strategy, it would be a great boon to our City. Even so, I hope some of the suggestions offered below will be of some help. I shall start with a particular Strategy, then provide a suggestion on how to make it even better.</p> <p>1.1 Improve the connectivity of key bushland areas by maintaining 14,000m2 of appropriate ground covers, shrubs and trees between Botany Bay National Park, the Bunnerong Road Eastern Suburbs Banksia Scrub site, Yarra Bay bushland areas and Malabar Headland National Park by 2025.</p> <p>_____</p> <p>It may also be feasible to develop the urban forests between these sites to enhance connectivity as well. This might be possible using two interconnected strategies: plantings along the nature stripes and other land owned by Council; and encouraging residents to put significant plants onto their properties.</p> <p>_____</p> <p>1.2 Review our partnership with NSW Department of Lands, to identify unmanaged parcels of Crown Lands with high biodiversity potential, and seek divestment of these lands to Council for inclusion with our bush regeneration program and coastal management by 2021.</p> <p>_____</p> <p>Some private lands also have biodiversity potential, which could add to the biodiversity of the LGA. Perhaps UNSW students of Landscape Architecture could help with a survey?</p> <p>_____</p> <p>1.6 Review the feasibility of upgrading the glasshouse facility at Council's Community Nursery by 2021, towards expanding its production potential.</p> <p>_____</p>

Submission

Council might also review the feasibility of the nursery selling La Trobe University nesting boxes <https://www.latrobe.edu.au/wildlife/nesting-boxes> If nesting boxes could be provided for animals that help with pollination, predation of zoonotic carriers and with fostering endemic Australian animals, this could enhance the connectivity of the local ecosystems.

2.4 Implement an accelerated street lighting replacement program by replacing existing legacy street_ lights with 4,000 LED lights by 2022 to reduce greenhouse gas emissions and energy use across street lights by 30% per annum.

Electrical energy could also be saved by ensuring street lights don't turn on during the day.

4.1 Increase the percentage of gross pollutants captured from the stormwater system by expanding the Gross Pollutant Trap (GPT) network by 2027 by installing one new GPT each year, on major drainage lines currently without existing controls, located in the east and south of Randwick City.

Other techniques could be: * to encourage residents to install rainwater tanks, since these are demonstrably effective in reducing runoff during storms; and * to allow developments to have stormwater retention tanks which encourage infiltration into the soil, particularly in the sandy areas of Randwick City. (I have installed one at our place, and I'd be happy to help provide specifications, of that were desirable.)

4.5 Introduce monitoring and management programs to reduce microplastic pollution in our coastal waterways by 2025.

Consider installing dolphin plaques at drainage inlets to remind people that the discharges from gutters flow into our ocean.

	Submission
71	<p>Apologies for the multiple submissions. After-re-reading my submission in the confirmation email I felt the need to expand on the missed opportunities and inadequacies.</p> <p>re:overall Many of the targets are not SMART. Some targets, such as 20% by 2025, are great, but not enough targets have measurable outcomes which can lead to inadequate assessment impact. Similarly, The production of a document outlining all the baseline data should be made available to allow residents to judge whether the targets have been met for all actions.</p> <p>Re Outcome 1 and outcome 4, There are no actions that call for more engagement with our indigenous people. Abotriginal management practices, led by our first Nations residents or other indiginous knowledge holders, should be integrated into our conservation plans..</p> <p>Further re: Outcome 1 Mapping vegetation is the tiny first step to conservation. 10% per year is a very small target. I agree that we should be mapping our vegetation but feel that the whole council area could be mapped in a couple of years. A better target would be Map all vegetation in the Randwick council by 2022.Then a conservation target may be - Identify areas of high conservation value for inclusion in conservation zones in the LEP by 2025.</p> <p>Re Outcome 3 and 4, There's a missed opportunity for Council cleanup services to separate and recycle curbside collections. Many of the items I see put out for collection are still in usable condition. Similar to the repair cafe program, can the council depot house a second-hand appliances shop, or partner with existing businesses (e.g. the second-hand white goods store on 179-181 Anzac Parade) . Could recycling centres organise recyclables specific pickups? or set a target for use of the recycling pickup app and improve engagement, or perhaps a regular recyclables clean up? (I have tried the app but it was confusing so I never ordered a recycling pickup from it) There is no target to change councils curbside collection methods and to prevent landfill from this source. Please propose a target for this.</p> <p>There is not enough notice to residents regarding tree works. No more mature trees should ever be lost in Randwick City; we have lost so many due to the Light Rail. A SMART target for mapping trees and retaining them is needed in the strategy</p> <p>Please also take the above into consideration when finalising the Council's Environment Strategy.</p>

3.4. Facebook

**Randwick City Council**
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Our draft Environment Strategy is open for your review. We've developed this strategy to set our long-term objectives and help guide our future planning and programs. Specifically, we've created six broader objectives and more than 30 strategic approaches to complete and be accountable within certain time frames. These are some of our goals. You can have your say on these and other aspects of the plan here:
<https://www.yoursay.randwick.nsw.gov.au/environmentstrategy>



80 2 Comments 3 Shares



Randwick Precinct We really encourage all our local residents to take a look and make comments - some great stuff in here we really need.

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Hazel Allen DO IT NOW

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4. Next Steps

The results of the community consultation and proposed updates to the Environment Strategy will be reported to the Ordinary Council meeting on 8 December 2020.

