



## MEETING MINUTES

Meeting Details	
Meeting Name and Number	<b>Environmental Sustainability Advisory Committee – Meeting No. 2</b>
Location	Zoom meeting
Date and Time	24 September 2020; 6.00pm to 8.00pm

Members		Present	Apology
Janelle McIntosh (JM)	Councillor - Chair	✓	
Emma Heyde (EH)	Councillor – Deputy Chair	✓	
Robert Browne (RB)	Councillor	✓	
Mick Marr (MM)	Councillor	✓	
Joseph Nicita (JN)	Councillor	✓	
Julie Ryland (JR)	Strategy Manager	✓	
Louise Gee (LG)	Manager Strategy & Place	✓	
Sonja Cameron (SC)	Resident	✓	
Barbara Albert (BA)	Resident	✓	
James Chan (JC)	Resident	✓	
Connor Kerr (CK)	Resident	✓	
Dennys Angove (DA)	Resident	✓	
Lilly Schwartz (LS)	Resident	✓	
Inarra Jindandi (IJ)	Resident	✓	

Invitees		Present	Apology
Steven Head (SH)	General Manager	✓	
Peter Coad (PC)	Manager – Natural Resources	✓	
Susie Smith (SS)	Sustainability Officer	✓	

No.	Agenda Item
<b>1.</b>	<b>Welcome and Acknowledgement of Country</b>
	JM opened the meeting at 6:04pm. Meeting purpose was to go through the committee members submissions for the Sustainable Hornsby 2040 Strategy (and support strategies) and develop an ESAC committee response.
<b>2.</b>	<b>Welcome to Inaara Jindani</b>
	JM welcomed Inaara to the group. All committee members gave a brief outline of who they are.
<b>3.</b>	<b>Code of Conduct</b>
	All agreed to abide by the code of conduct.
<b>4.</b>	<b>Declarations of Interest</b>
	There were no conflicts of interest declared.
<b>5.</b>	<b>Adoption of draft Minutes (25 August – Joint ESAC and BMAC)</b>
	Minutes were moved by JC and seconded by EH. Minutes adopted with no amendments.
<b>6.</b>	<b>Resourcing and priorities</b>

No.	Agenda Item
	<p>JR clarified that since actions need to be prioritised on current resources, Return on Investment and their effectiveness, there would be limited scope to move the prioritisation of actions. JR also clarified that the Waste Strategy was endorsed by Council in 2019, so this part of the documentation was not currently under review. Any comments would however be forwarded to the Manager Waste.</p>
7.	<p><b>Submissions on draft Sustainable Hornsby 2040</b></p> <ul style="list-style-type: none"> <li>JM outlined that all submissions had been combined into one document and would be discussed line by line. Committee members were asked to talk to their comments or provide other comments on statements if they would like them amended or didn't agree.</li> <li>JM advised that the Waste Matters Strategy had been endorsed by Council in 2019 and is available on Council's website <a href="https://www.hornsby.nsw.gov.au/_data/assets/pdf_file/0016/147112/Final-Waste-Matters-Strategy-Report-Digital.pdf">https://www.hornsby.nsw.gov.au/_data/assets/pdf_file/0016/147112/Final-Waste-Matters-Strategy-Report-Digital.pdf</a> A request will be made for a presentation on the Waste Matters Strategy and Single Use Plastic Policy at a future meeting.</li> </ul> <p>The text and recommendations presented in the draft submission were supported by the Committee. Any amendments made, or discussions are noted as follows:</p> <ul style="list-style-type: none"> <li><b>Vision and Goals</b> - were discussed and agreed. The committee endorsed community education as a priority in the different strategies.</li> <li>The committee agreed to the recommendation. <i>"ESAC recognises that the emission reduction targets are in line with the NSW Government commitment to Net Zero Emissions by 2050. ESAC recommends Council regularly report its programs, celebrate its achievements and review the targets in accordance with scientific research and set a more ambitious target in the coming years."</i></li> <li><b>Actions and Tasks</b> – <ul style="list-style-type: none"> <li><b>WB.15 Plastics recycling</b>, noted above that the Waste Matters Strategy does not form part of the current review.</li> <li><b>C2.16 New Action Proposed - Renewable Energy</b> - Lobby Fed or State Government to provide top-up funding to allow uptake of 100% green grid electricity supply immediately. The Committee wished to highlight a future action of Lobbying Matt Kean, Energy Minister NSW as part of the Strategy.</li> </ul> </li> <li><b>Priorities</b> – <ul style="list-style-type: none"> <li><b>WA1</b> - Education on how to effectively use available waste services – LS proposed a change to High Priority. Which will be forwarded to the Manager Waste for consideration in the next review of the Waste Matters Strategy..</li> <li><b>WA3</b> - Monitor alternative processing options for organic waste recycling - LS proposed a change in priority but after discussion it was agreed to remain a medium priority.</li> <li><b>WB2</b> - Develop initiatives to promote the re-use, repair and repurposing of household items – LS proposed, this was agreed and will be forwarded to the Manager Waste for consideration in the next review of the Waste Matters Strategy..</li> </ul> </li> <li><b>Extra items to be included in the Strategy</b> – <ul style="list-style-type: none"> <li><b>WA1</b> - Education on how to effectively use available waste services – LS proposed a change to High Priority. Which was agreed and will be forwarded to the Manager Waste for consideration in the next review of the Waste Matters Strategy.</li> <li>Creating designated bike-paths is safer for walkers, cyclists and cars (BA/CK). JR advised the committee this was covered in the Draft Walking and Cycling Strategy which is proposed to be placed on public exhibition in October.. The committee also discussed the upgrade of Hornsby Town Centre as an ideal opportunity to include active transport.</li> <li>Opportunity to drive commitment to NABERS and green start ratings. (IJ) would like to see measures in place beyond BASIX with exploration of low carbon precincts and, DCP/LEP upgrades to reflect Hornsby Town Centre.</li> <li>Stakeholders need to be brought on the journey for Council to be able to achieve the many impressive outcomes (BA). Committee agreed that this was important to include businesses and other stakeholders not just households.</li> <li>Recommended that the Federal Government's <i>National Climate Resilience and Adaptation Strategy</i> be included in the list on page 12 under the sub-title "National. The committee recommended regular reporting against this strategy.</li> </ul> </li> </ul>

No.	Agenda Item
	<ul style="list-style-type: none"> <li>○ The following items were raised with an agreement that the Sustainability Team were to follow up. Defining Sustainability, Building flexibility into operational plans, double check the corporate emission target of 12,080 tCO<sub>2</sub>-e.</li> <li>• <b>Suggestions for extra items to be included in the Strategy –</b> <ul style="list-style-type: none"> <li>○ If an online tool could be created so that residents could see how Hornsby Shire Council is performing along its trajectory towards Net Zero Emissions. BA recommended Resilient Sydney and JR added we have Ironbark reporting too. <ul style="list-style-type: none"> <li>▪ Committee recommended reporting by ward that could go not only in the Annual Report but also in the rate notices.</li> <li>▪ JR to send or present the data at a future meeting (once cleared by Resilient Sydney)</li> </ul> </li> </ul> </li> <li>• SC talked about the benefits of Sustainability Advantage Program Membership and (JR) discussed SC and SS creating business case studies. SS to call SC.</li> <li>• <b>Communicating the actions</b> – JM and DA would like to see targeted presentations from resident volunteers, community radio shows and podcasts and zoom meetings about the actions.</li> </ul>
<b>8.</b>	<b>Submissions on draft Climate Wise Hornsby</b>
	Please see attached for detailed comments.
<b>9.</b>	<b>Other Business</b>
	<ul style="list-style-type: none"> <li>• The combined comments for the draft Urban Forest Strategy, draft Biodiversity Conservation Strategy and draft Water Sensitive Hornsby Strategy will be discussed at the meeting on the 15 October. A combined submission will also be drafted and discussed for the Overarching draft Sustainable Hornsby 2040 Strategy and draft Climate Wise Hornsby Plan.</li> <li>• Public exhibition of the draft strategies will be from 10 September to 30 October. Members of the community (including Committee Members) are encouraged to submit comments on the draft Strategies until the <b>30 October 2020</b>. Comments should be submitted through the online forms at <a href="https://future.hornsby.nsw.gov.au/">https://future.hornsby.nsw.gov.au/</a> or emailed to <a href="mailto:hsc@hornsby.nsw.gov.au">hsc@hornsby.nsw.gov.au</a> or sent to Hornsby Shire Council, PO Box 37, Hornsby NSW 1630.</li> <li>• Details on the draft strategies exhibited during the public exhibition are provided on Council's Future Hornsby website: <a href="https://future.hornsby.nsw.gov.au/">https://future.hornsby.nsw.gov.au/</a></li> <li>• Council will be hosting a digital engagement session on Tuesday 13 October at 6.30pm. Invitations have been sent to Committee members for this event.</li> </ul>
<b>10.</b>	<b>Next Meeting –</b> <ul style="list-style-type: none"> <li>• <b>Follow up meeting scheduled for 15 October as not all strategies were able to be reviewed. 6-8pm via zoom</b></li> <li>• <b>Next scheduled meeting - 26 November – 6-8pm</b></li> </ul>

# Attachment 1 – Climate Wise Hornsby Feedback

## VISION AND GOALS

I support the vision and the targets that are set in line with the NSW Government's commitment to Net Zero by 2050. I do hope in the future that Council recognises the myriad benefits that would result from more ambitious targets and timeframes; the Hornsby Shire has the opportunity to become a green leader again by accelerating decarbonisation at an LGA level. That said, Great work with the document. It is incredibly thorough and a great introduction for residents to the issues we face specifically in the Hornsby Shire. – **Noted, the Committee Agreed to provide a new statement about the target which reflects their preference.**

I think there are some great actions and an enormous amount of work has gone into this strategy, it's fantastic.

However, one point where I differ is that I feel that net zero emissions should be aimed for 2030, not 2050.

I understand that this would be much harder, more costly and that it wouldn't make much global impact considering the rest of the world will not meet that target...BUT it could be a good opportunity to be a leading example. The potential consequences of late action are dire. Net zero by 2030 is an enormous ask. However, the strategy did mention that climate change is a growing concern for residents, so it may just be supported by them. COVID showed that people can adapt to different lifestyles quickly where they need, and that new industries can spring up to fit into the demand of a new system. There may be economic opportunities in reducing CO2 more urgently.

\*Rooftop solar is mentioned as a plan for reducing community co2 from electricity use. Does this take into account electricity usage at night when the sun is down?

- Does Hornsby Council get its electricity from alternative energy providers such as Red Energy?

- Wonderful plan for walking, cycling and active transport - Appendix 2 (2.4) gives high/med priority to advocating public transport over private vehicle use. I agree with this priority. I will mention the feedback I have heard over the years from the rural community regarding public transport is this: buses are too infrequent, complicated and expensive. Also there appears to be a negative stigma associated with using public transport. Hopefully, the plan to educate the community will help with these attitudes. – **Noted with discussion about Council purchasing alternative energy, the Walking and Cycling Strategy and with discussion about the Sustainability Team looking into behaviour change programs based on lessons learned from COVID.**

Council has set an operational long-term goal to reach net zero emissions by 2050, but has also set itself interim goals of a 32% reduction from 2018 levels by 2025 and 53% reduction from 2018 by 2030. These goals are in line with science. The net-zero goal is currently set for 2050, but Council should consider bringing that forward in the next iteration of the strategy and plan. – **Noted resolution below**

Climate Wise is considered as being a welcome contribution to the lives of people living and working in the Hornsby Shire. As such, the draft strategy, in general, is supported. However, an earlier achievement of Net Zero Emissions well before 2050 is preferred. It is concluded that this could be achieved with further support from the State and/or Federal Governments. Additional overall comments are given at the end of the accompanying feedback document. – **Noted resolution below**

**Agreed actions and resolution: "ESAC recognises that the emission reduction targets are in line with the NSW Government commitment to Net Zero Emissions by 2050. ESAC recommends Council regularly report its programs, celebrate its achievements and review the targets in accordance with scientific research and set a more ambitious target in the coming years."**

# Attachment 1 – Climate Wise Hornsby Feedback

## SUGGESTED EDITS OR EDITIONS

Section	Page No	Comment	Suggested Edits
Building Resilience Climate	7	Preparedness needs to take a larger role	Include disaster preparedness under Adaptation in Fig 1  <b>BA raised a concern that NSW strategic plans be incorporated into our planning. Committee noted and agreed</b>
Building Resilience Climate	7	Bushfire protection should be alongside flood protection	Retrofitting buildings to bushfire risk  <b>BA – raised bush fire protection should be alongside flood protection. JC seconded this concern.</b>
Operational CFP	18	The carbon footprint of Council should include more scope 3 emissions, in line with the work that other metro councils are undertaking. A good carbon inventory boundary to use would be the application of the Climate Active standard, which includes many more supply chain emissions than are currently measured.	<b>BA - added a general concern about Scope three emission calculations and that more needed to be included into Councils profile. This Could include legal, professional services, and the supply chain pool).</b>
Operational emissions	33	1.7. As part of the PPA, will LGCs be retired?	<b>JR advised that LGCs would be retired</b>
Operational emissions	33	The action plan does not include sustainable procurement.	<b>BA - Review, update and implement Sustainable Energy for New Council Assets Policy' should be added.</b>
Operational emissions	33	It is unclear how much grid decarbonisation will contribute to reaching the stated emission reduction targets.	<b>BA – e.g. Grid decarbonisation in addition to offsets in targets.</b>  <b>CK – queried green grid projects and solar farms</b>
Operational emissions	33	It is unclear whether or how much carbon offsets will contribute to reaching the stated emission reduction targets.	<b>BA – queried if offsets are part of the strategy and (appendix 1) and how we will arrive at our target. JR advised that offsets will need to form part of the overall solution.</b>
Operational emissions	33	With population rising to 179,500 by 2036, has modelling been undertaken to account for growth in service	<b>BA requested that additional rough modelling be done to model the rise in GHG emissions as our population</b>

## Attachment 1 – Climate Wise Hornsby Feedback

		provision and the associated growth in GHG emissions due to increased energy consumption?	<b>increases, as well as what additional offsets might be required.</b>
Community emissions	36	Waste: Implement the Waste Matters Strategy to increase diversion of waste from landfill: What does this strategy entail? Will council consider a FOGO strategy?	<b>Committee referred to the Waste Matters Strategy</b>
Community emissions	36	No modelling has been performed on the impact the identified actions have on GHG reduction, or how council envisages the interim and net zero targets to be reached.	<b>As above, it was agreed this point was already covered.</b>
Community emissions	36		<b>ID 2.9: Council can consider evaluating solar PV mapping tools – this was discussed. JC advised of programs such as sunspots.</b>
Community emissions	36	One of the biggest levers to decarbonisation in the community is the implementation of solar PV.	<b>There should be more actions to help the community implement more solar PV</b>  <b>JC and CK raised solar my school and residential and commercial subsidies currently available.</b>
Community emissions	36	Transport: Why is there no provision in the plan for more active transport? E.g. More cycle paths.	<b>Link to the 'Walking and Cycling Strategy 2020' should be stated here.</b>  <b>BA and CK discussed the intrinsic value of cycling and some kind of reward system for using alternate transport.</b>
Adaptation	41	Risk HWAE1 - Point 8 says, 'Investigate locations for water refill stations in all parks and reserves'	<b>Why can't locations outside of parks and reserves be considered?</b>  <b>JR clarified that this could be investigated, but parks and reserves are under council jurisdiction and therefore water refill stations can be purchased and implemented by Council. JR advised that it would also be implemented in Public Domain and town centres.</b>
Adaptation	43	Risk HWEC07 Point 5 says, 'Investigate alternative water supplies'.	<b>A comprehensive water strategy across council assets should be developed. The Sustainable Energy for New Council Assets Policy should be extended with water efficiency as well.</b>

## Attachment 1 – Climate Wise Hornsby Feedback

			<b>SC raised the potential to recycle roof water from large complexes like Westfield</b>
Climate change adaptation		Is there any local research to show which plant groups may replace others in the LGA under changing climatic conditions? Being aware of species that may do well dryer conditions with heavier rainfall may help with potential food production opportunities. For example, switching to crops that are better suited to the changing conditions.	<b>PC noted this study had been conducted and was available.</b>
Preamble		This feedback document contains comments and suggestions that may improve clarity of some elements of the document as well as some recommendations intended to add value to the Climate Wise (Plan) document. The comments which follow are meant to be constructive and should not be considered in any other way. They are provided on a document by-page basis. Suggestions, questions, typos and recommendations are highlighted. Overall comments on the Climate Wise Plan are given at the end of this feedback document.	<b>These suggestions were mainly provided by DA and were agreed as points to be updated in the strategy.</b>
1. Executive Summary	[Page 6]	<p>The generation of the plan produced a clear outcome as a result of effort which should be recognised as such. In the third paragraph, it is suggested that effort undertaken by the Council Staff be recognised by starting the paragraph as,</p> <p>During the planning process, the Council has determined that bold actions etc.</p> <p>The "intention to embed considerations of climate change into everyday practices" is entirely logical. An important part of that process is considered as being the role of such actions in future planning. It is suggested that the last sentence of the last paragraph be re-drafted (or similar), especially since it links with the Section 3, "Local" dot-point on page 11 above Figure 2.</p> <p>Implementation of the Plan will be dynamic, collaborative, and flexible to respond to changes and learn from experiences. It will be necessary to ensure that all future</p>	<b>Raised by DA and agreed by the committee</b>

## Attachment 1 – Climate Wise Hornsby Feedback

		planning objectives will need to be carefully considered within a context where identified, adverse climate risks will impact the Hornsby Shire.	
Building Climate Resilience	[Page7]	In relation to Mitigation in Figure 1: Question: Is there a need to include sequestration, either as tree planting and/or any offset agreements that Council has in place? Especially since it is highlighted as being of importance in para 3 of the Introduction.	<b>Raised by DA and agreed by the committee</b>
2. Introduction	[Page 8]	[Suggestion for Para 2]: Anthropogenic greenhouse gas (GHG) emissions drive modern climate change .....	<b>Raised by DA and agreed by the committee</b>
2. Introduction Cont'd	[Page 9]	<p>2.1 Objectives: Overall, the objectives are supported although an earlier date for achieving Net Zero Emissions before 2050 is desirable. In relation to Dot-point 3: Question: Should enhancement of disease vectors be considered?</p> <p>2.2 Strategic Principles: Dot point 1 - It is difficult to plan for all scenarios. Global events can cause local events and given the concern about the stability of the Thwaites Glacier in Antarctica. It is suggested that some thought should be given to coping with a sudden, catastrophic sea level rise (i.e. 3 metres).</p> <p>Dot point 3 – Absolutely true</p> <p>Dot point 5 – The last sentence concerning community outreach is very important to enable residents to make clear decisions about their own situations as well as making their voices heard within a political context for requesting the implementation of effective climate policy at all jurisdiction levels. If not already being undertaken, it is recommended that planning of the method and content of a community outreach program be urgently initiated.</p>	<b>Raised by DA and agreed by the committee</b>
3. Act locally but think globally	[Page 10]	From a National perspective, the left hand side box refers only to Australia's Paris agreement goals. It is recommended that under the National heading that the Federal Government's National Climate Resilience and Adaptation Strategy (2015), be cited since, essentially, it is also a commitment. If not included here, then it is	<b>Raised by DA and agreed by the committee</b>



## Attachment 1 – Climate Wise Hornsby Feedback

		recommended that it be included somewhere in Section 3.	
3. Act locally but think globally Cont'd	[Page 11]	Figure 2 appears to be incomplete since there is no obvious driver for the framework. It would be difficult to alter the diagram, so it is suggested that the title of Figure 2 be changed to, Figure 2: Integrated Planning and Reporting Framework to Manage Adverse Climate Impacts (or similar)	<b>Raised by DA and agreed by the committee</b>
4. What the Science is Telling Us	[Page 12]	There is a typo/redundancy at the bottom of the last paragraph in the dark blue box to do with 1.2°C and IPCC etc. Also, right side of page 12- last para: It is suggested that some consideration should be given to disease vectors and other direct health impacts in relation to climate risks.	<b>Raised by DA and agreed by the committee</b>
4. What the Science is Telling Us Cont'd	[Page 13]	Referring to Table 1, as already mentioned, it is re-affirmed that serious consideration needs to be given to the probability of catastrophic and rapid sea level rise as per findings emerging from the collaborative research program studying the Thwaites Glacier in Antarctica ( <a href="https://thwaitesglacier.org">https://thwaitesglacier.org</a> ). Not often considered, since the climate modelling does not output such data, enhancement of disease vectors could occur as the climate warms at higher latitudes. It is recommended that advice on possibility of such affecting the Hornsby Shire be acquired.	<b>Raised by DA and agreed by the committee</b>
5. What our Community told us	[Page 14]	The quote "I would challenge Council to be proactive on sustainability and climate change and excel beyond state and national objectives" is strongly supported and it is recommended that Council do so.	<b>Raised by DA and agreed by the committee</b>
6. Greenhouse Gas Emission Profiles	[Page 16]	Typo: Consistency needed GtCO2 or Gt CO2? In the second paragraph it is suggested that to maintain formality, the phrase "we developed our" be replaced with "Council has developed its". It is suggested that Figure 3 title be modified to make it clear that the "scopes" relate to Community-Scale GHG emissions, as finally understood from reading the supporting text a number of times.	<b>Raised by DA and agreed by the committee</b>

## Attachment 1 – Climate Wise Hornsby Feedback

6.1 Corporate Emission Profiles	[Page 17]	<p>It is suggested that there are some clarity issues with the second paragraph and a technical error in Table 2.</p> <p>For convenience, the last sentence of the second paragraph is shown in the adjacent screen clip. It is recommended that this sentence be removed, and a new additional paragraph be added that describes how the 509 tCO<sub>2</sub>-e/year was determined and, as a direct consequence, how the Carbon Neutral and Net Zero Emission targets were elucidated.</p> <p>It is suggested that the inclusion of table or list table in this section that details all the targets resulting from the elucidation would be an advantage.</p> <p>A screen shot of Table 2 is also shown. Whilst 509 tCO<sub>2</sub>-e is 4.2% of 12,080 tCO<sub>2</sub>-e, it is not correct to specify it as the required per annum reduction rate as shown in Table 2 since it refers only to the reduction in the first year. At 4.2% reduction per year it would take a very long time to get to the Carbon Neutral target. It is recommended that the fourth row of Table 2 be completely removed. A reduction rate of 509 tCO<sub>2</sub>-e per year specified in Table 2 is sound.</p>	<b>Raised by DA and agreed by the committee</b>
6.2 Corporate Emission Profile Summary by Sector = 2017/18	[Page 18]	<p>In this section, it is indicated that public street lighting represents 35% of the electricity consumption. Given this is under the above heading it suggests that public street lighting is a component of the Council's corporate emission's profile. This is somewhat confusing since public street lighting is a Scope 3 activity which is called up on Page 16 as being inclusive of a Community-Scale GHG Emission Inventory (CSGHGEI). At this point in the document, it is not overly clear if the Council's corporate emission profile and the Community Emissions profile are components of the CSGHGEI. Question: In other words, who pays for the public street lighting electricity? Question: Does the Council have in place any offset programs or sequestration activities that have not been included in the Corporate Emissions profile?</p>	<b>Raised by DA and agreed by the committee</b>
6.3 Community Emissions Profile	[Page 18]	Figure 5 is informative. No comment is provided	<b>Raised by DA and agreed by the committee</b>

## Attachment 1 – Climate Wise Hornsby Feedback

6.4 Sources of Community Emissions	[Page 20]	Typo: 22 kWh	<b>Raised by DA and agreed by the committee</b>
6.4.1 Community Energy Use	[Page 20]	Question: Are emissions from the Stationary Energy Sector included in Industrial Emissions?	<b>JC requested more information on this. DA to provide.</b>  <b>JC CK buy green power, can we get data from Ausgrid. BA advised we cannot. Suggested we conduct a community survey.</b>  <b>Include an intro into appendix 1. Covered earlier.</b>
6.4.2 Community Energy Use Cont'd	[Page 21]	Typo: 923,386,855 km	<b>Raised by DA and agreed by the committee</b>
6.4.3 Community Waste	[Page 21]	No comments provided	<b>Raised by DA and agreed by the committee</b>
6.4.4 Community Water Storage	[Page 21]	Typo: units are kL or kl not KL It is suggested that it would be useful to include the emissions resulting from hot water supply since it would be an advantage for residents to understand the benefits of using solar hot water etc.	<b>Raised by DA and agreed by the committee</b>
7. Climate Change Mitigation – aiming for Net Zero emissions by 2020	[Page 22]		<b>Raised by DA and agreed by the committee</b>
7.1 Overview of Corporate Emissions Reduction Measures	[Pages 22-23]	2003-2007: Green Power and Efficient Project Recognition Question: Was green power maintained beyond 2007 until present? If not, is there a reason? 2019: Street Lighting Improvement (SLI) Program It is clear from this entry that street lighting energy use is a cost responsibility for the Council. This is not clear in the section 6 introduction and section 6.2. 2019-2020: Greening our Shire Question: Probably too early, but is there an idea of the sequestration benefit that will be obtained from this program? If so, it would be helpful to justify the effort in the document. 2020: Net Zero by 2050 The appendices are acknowledged.	<b>Raised by DA and agreed by the committee</b>  <b>JR advised that this is correct and Council stopped purchasing in 2007 to install more solar on our own facilities to offset emissions.</b>

## Attachment 1 – Climate Wise Hornsby Feedback

7.2 Corporate Emissions Reduction Pathway	[Page 24]	The graph in Figure 11 requires refinement. It is suggested that the numbers 68% and 47% be removed since they are not mentioned in the supporting text and just appear. It would be beneficial to replace them with 32% and 53%. In addition, the x-axis is not correctly aligned with the relevant information in the plot. The arrow is not pointing to the target. If it were, the reduction targets would align correctly with the appropriate targeted years.	<b>Raised by DA and agreed by the committee</b>
7.3 Overview of Community Emission Reduction Measures	[Page 25]	This section is considered incomplete since it does not include the uptake of green power as a reduction measure. For example, my house is unsuitable for both solar hot water and solar panels since the shading on the roof does not give a financial benefit. Consequently, we are running 100% green power which has brought our household GHG emissions down quickly and markedly. Currently we are paying 4.95 cents extra per kWh on top of the "normal" charge which we are prepared to pay.	<b>Raised by DA and agreed by the committee</b>
7.4 Community Emissions Reduction Pathway	[Pages 26-27]	Appendix 2 is acknowledged Similar to Figure 11, it is suggested that Figure 15 also be refined. The numbers 69% and 47% should be removed and replaced with 31% and 53%. The plot alignment is almost correct. It is also recommended that an additional emissions reduction pathway be included, titled, Advocate for green power by grid (or similar). Typo: 2020 Vision not 202020 Vision In relation to canopy loss and replacement, it would be an advantage if some idea of sequestration capacity and hence, mitigation advantage could be provided.	<b>Raised by DA and agreed by the committee</b>
8.1 Corporate Adaptation	[Pages 28-30]	Appendix 3 is acknowledged It is suggested that Table 4 and Figure 16 be referred to in the text descriptively. It is not clear if the analysis is related to time. For example, Public Safety impacts of 25 in what period? It is further suggested that the x-axis of Figure 16 be labelled.	<b>Raised by DA and agreed by the committee</b>

## Attachment 1 – Climate Wise Hornsby Feedback

8.2 Climate Change Adaptation roles and Responsibilities	[Page 30]	Same comment made for Figure 16 also pertains to Figure 17.	<b>Raised by DA and agreed by the committee</b>
8.3 Community Adaptation	[Page 30]	In relation to Figure 18: Question: What is a champion? Question: What form is support expected to take (typo in 3 in "champion")? Question: How will innovation and lessons be shared?	<b>Raised by DA and agreed by the committee</b>
9. Monitoring and Reporting	[Page 32]	A review every 4 years is supported. The need to be dynamic and "respond to changes and learn from experiences" which may occur at any time is also of importance.	<b>Raised by DA and agreed by the committee</b>
Appendix 1 – Corporate Emissions Reduction Action Plan		The summation of Estimated emissions in Appendix 1 does not equal 12,080 tonnes. In addition, if the apportionment of emissions specified in Appendix 1 does not correlate with the Hornsby Shire Council's Emissions profile given in Figure 4. It is suggested that some supporting text be included in the document to enable a clear understanding for this observation (if of course it is correct).	<b>Raised by DA and agreed by the committee</b>
Appendix 2 – Community Emissions Reduction Action Plan		No comment given since this sub-plan is considered as being not fully developed	<b>Raised by DA and agreed by the committee</b>
Appendix 3 – Climate Change Risk Assessment		This Appendix is highly valued.	<b>Raised by DA and agreed by the committee</b>

### Additional Actions or Tasks

ID No	Action / Tasks	Comment	Suggested Edits
1.1	LED street lights	It would be good to know how long this action (and others) would take and the % reduction it would achieve	Include time frame and % reduction  <b>Raised by DA and agreed by the committee</b>
1.14	Fleet review – hybrid and or electric vehicles	Might be best to just skip the hybrids and aim for 100% electric. The purchase and maintenance costs with hybrids are high compared pure electric	Omit hybrid vehicles, include hydrogen fuelled vehicles.

## Attachment 1 – Climate Wise Hornsby Feedback

			<b>Raised by DA and agreed by the committee</b>
1.16	Investigate the establishment of carbon offset program – 25,000 trees	Climate change will impact the effectiveness of the plantings. Might need to increase the number of plants to offset the effects of climate change. Mature forest might not absorb as much as we would hope.	<b>Raised by DA and agreed by the committee</b>
2.14	Combined solar farm and car parking	Make a higher priority	Medium – <b>Committee agreed to move this to a high</b>  <b>Raised by JC and CK</b>
New action	Prepare homes for extreme weather and energy efficiency at the same time	By preparing homes for extreme weather such as storms, heatwaves and bushfires brings co-benefits to energy efficiency. Preparing a home to heatwaves will also save energy and help harden homes to other extreme weather events. For example, sarking in the roof helps with heat and tile damage during hail storms and ember attack. Double glazing for heatwaves, winter, protection from damage during storm/bushfire.	<b>Committee agreed to move this to a high</b>
C2.16	New Action	Lobby Fed or State Government to provide top-up funding to allow uptake of 100% green grid electricity supply immediately. This will assist both Council and the State Government to reach Net Zero by 2050 much more easily and perhaps earlier than 2050 which is preferred	

**Do you agree with the priorities identified for each Action / Task?** Please outline any amendments below with Action ID Number and suggested amendment

<b>ID No</b>	<b>Action</b>	<b>Current Priority (High, Medium, Low)</b>	<b>Amended Priority (High, Medium, Low)</b>
2.11	Lobby for Basix to be improved – High priority as homes have a 50yrs + life span the sooner this is raised to a best practice level the greater the reduction in emissions.	High - Medium	<b>High – Committee agreed to move this to a high</b>
2.6	Community solar farm – there is pent up demand for community solar investment opportunities – this could be outsourced with council playing a role in de-risking any project.	Med-Low	High - <b>Committee agreed to move this to a high</b>
1.7	Purchase of green power or renewable energy through electricity contract 20%, 50%, 100%	High/Medium	High – <b>Committee agreed to move this to a high and requested that it be 100%</b>
1.14	Conduct fleet review to optimise and reduce 30 \$ and staff emissions by changing over to hybrid and/ or time electric vehicles for Council owned vehicles, where financially feasible	Medium-Low	High/Medium – <b>Committee agreed to move this to a high</b>
1.16	Investigate the establishment of a carbon Unknown \$ and Staff offset program through the planting of 25,000 time trees	Medium-Low	High – <b>Committee agreed to retain medium low</b>

## Attachment 1 – Climate Wise Hornsby Feedback

2.2	Support the uptake of electric vehicles	Medium	High – <b>Committee agreed to retain medium</b>
2.9	Produce a GIS layer of houses within the Shire with rooves unaffected by \$ and Staff trees and target solar information to these households	High/Medium	High – <b>Committee agreed to move this to high.</b>
2.14	Investigate combined solar farm and car parking with EV charging	Medium/Low	High – <b>Committee agreed to move this to high</b>
2.10	'Advocating to developers for buildings to have low energy properties'. Does this mean advocating for developers to build in a more sustainable, energy efficient design? If so I think this should be high priority instead of medium.	med	High – <b>Committee agreed to move this to high</b>

### Do you have any other feedback on the draft strategy? - Comments taken as read and noted.

There is no table of adaptation actions only emission reduction (mitigation). Given the urgency of climate change and the exposure to extreme weather and bushfires adaptation actions should be a priority. I understand adaptations are addressed in the Risk Assessment but there are they treated with the same urgency as mitigation?

How will the action plan be implemented – translation into operational and delivery plans?

I found the most convincing tool I have recently used to explain to people the dangers we face due to Climate change has been the novel "The Future We Choose". It portrays two scenarios for 2050; one where the current policies across the world stay largely unchanged and we exceed 2 degrees Celsius, and the other scenarios portrays a decarbonised society that has addressed the key environmental threat of Climate Change. The vividness and realism of these descriptions are very persuasive, and I believe educating residents through a similar lens of showing what Hornsby could look like in 2040, both good and bad, would encourage support for any strategies to avoid the looming future of un-mitigated climate change.

It is concluded that the apportionment of the emissions type in Appendix 1 does not correlate with the Corporate Emission profile given in Figure 4. It is apparent from Appendix 1, that the fastest way to achieve Net Zero Emissions by 2050 (or preferably before) is to phase quickly to 100% grid delivered green power. Especially since the cost of green power is expected to decrease as the NSW Government's Electricity Strategy unfolds. Negotiation with supply companies will still be needed to obtain a good rate per kWh. In addition, it is considered reasonable to submit, to at least the NSW Government to assist them in achieving their goal of Net Zero Emissions by 2050, a request (by policy) that they provide bridging, funding assistance so that green power can be delivered by grid to all councils.

### Do you have any suggestions on how Council can work with the community to implement the draft strategy?

Especially with COVID restrictions at present, the best way to engage the community is probably through social media and internet. Working with school students is also probably helpful because they then take the ideas home to their families.

Deliver behaviour change programs – Business need also to act in HSC. Imagine if businesses where to plant trees to offset their carbon emissions??There is a win for the urban forest plan & the climate. Identify key champions within business networks along with the community.

## **Attachment 1 – Climate Wise Hornsby Feedback**

I would like all vehicle charging units both public and private to have Solar power and battery units to meet extra electricity demands of vehicles with in the shire or some type of offset.

Maybe reward staff, councillors in some way for not using their or councils cars when active or public transport is available.

C2.15: To include busses and reasonable time tables say 15 minute wait in peak times.

**The Committee agreed that education will be critical in the roll out of the strategy and Council needs to engage with all sections of the community including business.**





## MEETING MINUTES

Meeting Details	
Meeting Name and Number	<b>Environmental Sustainability Advisory Committee – Meeting No. 3</b>
Location	Zoom meeting
Date and Time	15 October 2020; 6.00pm to 8.00pm

Members		Present	Apology
Janelle McIntosh (JM)	Councillor - Chair	✓	
Emma Heyde (EH)	Councillor – Deputy Chair	✓	
Robert Browne (RB)	Councillor		✓
Mick Marr (MM)	Councillor	✓	
Joseph Nicita (JN)	Councillor	✓	
Julie Ryland (JR)	Strategy Manager	✓	
Louise Gee (LG)	Manager Strategy & Place	✓	
Sonja Cameron (SC)	Resident (joined 7.11pm)	✓	
Barbara Albert (BA)	Resident		✓
James Chan (JC)	Resident	✓	
Connor Kerr (CK)	Resident	✓	
Dennys Angove (DA)	Resident	✓	
Lilly Schwartz (LS)	Resident (present start till 6.44 pm – re-joined 7.11pm)	✓	
Inarra Jindandi (IJ)	Resident (present on the phone, limited interaction)	✓	

Invitees		Present	Apology
Steven Head (SH)	General Manager	✓	
Peter Coad (PC)	Manager – Natural Resources	✓	
Tim Macdonald (TM)	Natural Resources Strategy manager	✓	
Susie Smith (SS)	Sustainability Officer	✓	

No.	Agenda Item
<b>1.</b>	<b>Welcome and Acknowledgement of Country</b>
	JM opened the meeting at 6:06pm. Meeting purpose was to go through the committee members remaining submissions for the Sustainable Hornsby 2040 Strategy (and support strategies) and develop an ESAC response.
<b>2.</b>	<b>Apologies</b>
	Councillor Robert Browne and Barbara Albert
<b>3.</b>	<b>Declarations of Interest</b>
	There were no conflicts of interest declared.
<b>4.</b>	<b>Adoption of draft Minutes (24 September)</b>
	<p>These were circulated on 14 October. The following changes were noted.</p> <ul style="list-style-type: none"> <li>• DA noted Matt Kean's name was spelled incorrectly.</li> <li>• EH wanted 'other business' to refer to an online form rather than a survey.</li> <li>• Date change was also requested as it had 6 August rather than 24 September.</li> </ul>

No.	Agenda Item
	Minutes were moved by JN and seconded by DA. Minutes adopted with minor amendments.
<b>5.</b>	<b>Submissions on Biodiversity Conservation Strategy.</b>
	<ul style="list-style-type: none"> <li>See attached documentation</li> </ul>
<b>6.</b>	<b>Submissions on Urban Forest Strategy.</b>
	<ul style="list-style-type: none"> <li>See attached documentation</li> </ul>
<b>7.</b>	<b>Submissions on Water Sensitive Hornsby.</b>
	<ul style="list-style-type: none"> <li>See attached documentation</li> </ul>
<b>8.</b>	<b>Other Business</b>
	<p><b>Strategy Submission Next Steps:</b>  The combined comments for the draft Urban Forest Strategy, draft Biodiversity Conservation Strategy and draft Water Sensitive Hornsby Strategy will be minuted and agreed comments will be rolled into the combined submission for the draft Sustainable Hornsby 2040 Strategy (and sub strategies).</p> <ul style="list-style-type: none"> <li>Minutes and combined submission will be circulated by 19 October, please direct any comments by email to Julie Ryland and cc to all.</li> <li>Public exhibition of the draft strategies will be from 10 September to 12 November. Members of the community (including Committee Members) are encouraged to submit comments on the draft Strategies by <b>13 November</b>. Comments should be submitted through the online forms at <a href="https://future.hornsby.nsw.gov.au/">https://future.hornsby.nsw.gov.au/</a> or emailed to <a href="mailto:hsc@hornsby.nsw.gov.au">hsc@hornsby.nsw.gov.au</a> or sent to Hornsby Shire Council, PO Box 37, Hornsby NSW 1630.</li> <li>Details on the draft strategies exhibited during the public exhibition are provided on Council's Future Hornsby website: <a href="https://future.hornsby.nsw.gov.au/">https://future.hornsby.nsw.gov.au/</a></li> </ul> <p><b>Business Energy Advisory Program (BEAP).</b></p> <ul style="list-style-type: none"> <li>JR and SS introduced BEAP to the committee and requested assistance from members to disseminate the benefits when information comes out.</li> <li>Businesses signing up to the program can get free tailored advice on how they can cut energy costs and get up to date support with this free Australian Government Energy Savings Initiative.</li> <li>Businesses between (6) six and 20 equivalent full-time employees are eligible (or if a self-assessed drought-affected business employing up to five employees).</li> <li>Services received are a free one-on-one consultation with an independent business expert from the Business Energy Advice Program, an energy report tailored to their business, and information on government grants and other resources..</li> </ul> <p><b>Committee Next Steps:</b>  JM encouraged the committee to think about what next and to share ideas by email.</p> <p>Suggested ideas for future meetings included:  DA – would like to participate in promoting the energy efficiency program and the inclusivity of strategies in the community. DA would also like to see increased sustainability communication.  JR – wanted feedback on the Community Webinar and DA endorsed it. He believes there may be a call for training some people how to be in a webinar.  JC – wants to see a focus on extreme weather preparedness and a shared response. Many people believe its Councils responsibility to action but it's a shared responsibility and educating community on how to do their part is very important.  JM – Mentioned Council were on track to do this and then COVID hit, it would be good to re-institute this response.  SC – Suggests we promote how businesses, households and communities can pick 1 – 2 great ideas to implement. It gets very confusing on what needs to be done 'to do the right</p>

No.	Agenda Item
	<p>thing', and whilst people generally believe they should act they lack the confidence to do so. Some old-fashioned education/teaching needed.</p> <p>SC – mentioned her sharing of tree valuation  <a href="https://www.floraldaily.com/article/9251029/australia-investment-tool-launches-to-drive-greater-adoption-of-urban-forest-and-greenspace/">https://www.floraldaily.com/article/9251029/australia-investment-tool-launches-to-drive-greater-adoption-of-urban-forest-and-greenspace/</a> that is being promoted by the nursery industry.</p> <p>JM – will share sustainable schools information with SS for website.</p> <p>LG – mentioned new draft strategies were adopted at the October Council meeting for community consultation and included the draft Economic Development &amp; Tourism Strategy, draft Play Plan, draft Employment Land use Strategy and the draft Walking and Cycling Strategy. All strategies are available at: <a href="https://future.hornsby.nsw.gov.au/current-exhibitions/">https://future.hornsby.nsw.gov.au/current-exhibitions/</a></p> <p>MM – would like the committee to give feedback on the draft Walking and Cycling Strategy.</p> <p><b>Appreciation:</b></p> <p>JR thanked everyone for their hard work, dedication and valuable time and knowledge it has been very helpful and appreciated.</p> <p>JM seconded the appreciation and the expertise, time and perspective of each and every contribution, and she looks forward to the chance where we can all meet, engage businesses and head out to sites together. If not this year, then hopefully next year.</p> <p>Meeting closed 7.45pm</p>
9.	<p><b>Next Meeting –</b></p> <ul style="list-style-type: none"> <li>• <b>Next scheduled meeting</b> - 26 November – 6-8pm</li> </ul>

## **Biodiversity Conservation Strategy**

### Vision and Goals

I believe the 5 Strategy approach is very encompassing of the full scope of biodiversity issues in the HSC.

This document is incredibly thorough and well-put together.

[BA supported the comment and the comprehensive nature of the strategy \(noted pre-meeting\). All agreed.](#)

### Koalas:

I didn't see any specific mention of protecting our existing koalas in this strategy, and I wonder if it should be mentioned in the strategy that there have been koalas seen in recent years in Glenorie, Berrilee, Canoelands areas? So far numbers appear small and at risk from FIRE, roads, disease and dogs.

Perhaps urban tree planting could aim at looking into whether it is viable to try to provide more primary koala food trees? Of course, as long as they are not drawing koalas closer to the roads and are not hazardous.

[LA noted as a Thornleigh resident that koala numbers seem to be increasing and it's important we highlight this when they are decreasing in other areas of Australia.](#)

[JR noted a large mapped area of Koalas in the shire.](#)

[PC noted that with the State Environmental Planning Policy \(SEPP\) change this new valuation of koala habitat was included in Hornsby planning DCP and LEP.](#)

[JM / EH requested the inclusion of info on SEPP and Koalas is important as their numbers are endangered elsewhere but doing well in Hornsby.](#)

[Committee agreed to highlight this more in the documentation.](#)

[PC noted it was included in Appendix 6, action table 1.5.2 and the preamble of the strategy but would be further highlighted.](#)

### Bushfire:

I can see that bush fire is addressed as a threat to biodiversity, but I could not see any action to change the style or frequency of burn offs. The AWC and many other sources recommend fire-stick farming style burn offs throughout the winter rather than high intensity burn offs.

It did say on page 51 – 'Arguably the most significant of these is the relationship between fire management and biodiversity' and that connecting urban habitat can help provide protection in the way of escape and shelter for animals from fire.

I think fire is a massive threat to biodiversity....

I realise doing slow, cool burns throughout winter is resource intensive, high cost and difficult with enormous volume of paperwork, but is it possible to work as a high priority towards changing the way burns are done in future, rather than the more intense, hot, quick burns that seem to be happening now? Or is it just not feasible?

[LA – raised this](#)

[JC noted the nuanced nature of bushfire management and how crucial it is to other conservation efforts. That controlled burns could be effective regeneration tools.](#)

[PC – Frequency of burn offs is controlled by NSW RFS; however, Hornsby has some say in the Hornsby Ku-ring-gai Joint Bushfire Risk Management plan which is a multi-tenure interagency plan for fire across the entire landscape.](#)

[Committee agreed to note this was outside Council control](#)

[JR noted that there were different actions to be taken depending on the types of fires and that a bushfire strategy is in train](#)

Page 151 – biodiversity reservoir in the Shire provided fire is managed - [LA – raised this and requested it be struck from the submission. Agreed and noted.](#)

**EDITS OR ADDITIONS - Committee noted there were none COMMENTS ON THE ACTIONS/ TASKS**

ID No	Action / Tasks	Comment	Suggested Edits
Koalas in mind when burning off	Does the council have any vegetation mapping that highlights primary and secondary koala food trees?	Is it possible to have any clusters of primary and secondary koala habitat highlighted in the vegetation maps so that the fire services can be aware when they are burning in potential koala habitat?	Noted as per previous commentary
Drinking stations for droughts	Would it be possible to investigate drinking stations during droughts to help support wildlife?	I know this is costly and difficult to get right in terms of positioning stations in the most appropriate areas. However, they seem to have been successful where they have been installed thus far	LA raised. Committee agreed to note this in terms of future actions.
1.2.6	Companion animals	Having pet exclusion zones is really important	The City of Swan idea mentioned in the strategy is a great start Committee noted as important.
1.2.9	Green Walls	It would be good to have examples or demonstration available for people to see and experience	Perhaps provide an incentive to developers or businesses to build some. Demonstrate the cooling effect and benefits for the community and biodiversity. JR noted it is in the DCP as an encouragement - the submission will cross reference DCP.
3.3.1	Infrastructure	Put infrastructure underground in priority wildlife corridors. Possibly too expensive.	New action? JC – Raised that as powerlines were going underground perhaps they could be prioritised in wildlife corridors. PC – noted that this would assist endangered communities and pg. 154 would be ideal for this note. JM – noted the expense of the infrastructure but how worthwhile it is TM – raised action 3.3.1 looks at the feasibility of street scaping for future proofing biodiversity.
New action 5.1	Environmental education	The community might need more opportunities to connect with nature especially the CALD community. Many people migrate to Hornsby who have limited exposure to nature and could be afraid to go out or simply not know what is on their door step. I know it sounds strange, but some people are afraid of nature. We should understand the attitudes toward nature of our future residents, many of whom might come from large cities in Asia with little or no nature/wildlife.	More guided walks with interpreters, night spotting for animals and wild life encounters. JC – Raised this from his own experience of moving from an Asian “Concrete Jungle” city to Australia. Perhaps nature walks “night spotting” would be useful for new migrants or a ‘welcome to the area bushwalk’. JM – acknowledged the diversity of backgrounds of new residents but discouraged ‘night walks’ as it disturbed animal communities and possible breeding patterns. PC – Mentioned the ‘bushwalks for beginners’ program on Beecroft Village Green.

Environmental Sustainability Advisory Committee – Meeting Minutes 15 October

			<p>MM/JM – suggested we highlight all new residents (not just highlighting Asian or CALD communities). DA – suggested council include 'bushwalk/nature orientation' in citizenship ceremonies.</p> <p>Agreed by all. LG is happy to introduce it to her team leading the ceremonies.</p>
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**Do you agree with the priorities identified for each Action / Task?** Please outline any amendments below with Action ID Number and suggested amendment

ID No	Action	Current Priority (High, Medium, Low)	Amended Priority (High, Medium, Low)
1.2.2	Assess opportunities for the establishment and preservation of buffer zones around TECs, threatened species, remnant vegetation and riparian zones across the Shire	Ongoing	<p>High</p> <p>Any ongoing commitment is being implemented already so no change.</p>
1.2.4	Assess potential new standards for bird safe buildings, including information material, guidelines for retrofitting and DA assessment	Low	<p>Medium</p> <p>Discussed by PC, EH, MM and agreed to upgrade to medium.</p>
1.2.9	Not sure what this means. Does council do it on private property or only on HSC property? Has not happened at Berowra community centre for many years		<p>MM noted that green walls have been in Berowra for over 40 years and unless maintained well they are difficult to service and can look ugly.</p> <p>Noted.</p>
1.2.9	Green walls – the heat wave issue could be an argument to make this a priority	M	<p>H</p> <p>JC – noted the thermal insulating properties of a well-maintained green wall and how it could increase biodiversity. MM noted issues with bushfires and serious concerns for fire department. He reiterated they needed to be maintained. JM – noted the strata issue for regular maintenance JC – noted if they are maintained and use grey water they become a fire retardant. Caveat not at Catastrophic fire levels.</p> <p>Agreed move to High.</p>

Environmental Sustainability Advisory Committee – Meeting Minutes 15 October

1.2.10	Maximise biodiversity on private land - The current hysteria about land clearing and hazard reduction burns for bushfire risk is a threat to biodiversity on private land.	O	H  Any ongoing commitment is being implemented already so no change.
B1.41	Assess core, transition and key corridor areas to target management actions that reduces edge effects, and supports—biodiversity enhancement	Medium	should be High to manage the spread of weeds into the good environment.  MM – raised this is in relation to ovals, footpaths and road. Berowra sees high levels of weeds such as lantana.  Agreed move to high.
B1.42	Prepare strategies that reduce edge effect impacts for biodiversity and wildlife	Medium	should be High to manage the spread of weeds into the good environment  Agreed move to high.
1.4.3	Dark sky – this might have benefits for making new LED lighting even more efficient with benefits for wild life and emissions. It could also have benefits for residents with less stray light shining into homes.	L	M  Agreed move to medium.
B1.6.2	Implement monitoring program for council managed lands	Ongoing	should be High to manage the spread of weeds into the good environment  Any ongoing commitment is being implemented already so no change.
B1.6.6	Establish a monitoring program for fire related activities	Medium	High if working with RFS controlled burns to remove weeds and improve native regeneration  Agreed move to high.
B1.6.7	Assess the condition and biodiversity value of roadside vegetation	Medium	Should be High to manage weed infestations into good native areas  Agreed move to high.
1.5.1	Prepare a vulnerability assessment to determine future impact of climate change on biodiversity values	Medium	High  Agreed move to high.
1.5.2	Biodiversity strategy – Black Summer disaster highlights the need to act quickly in case a major fire happens in Hornsby. We got very lucky with the Gospers mountain fire.	M	H  Agreed move to high.

Environmental Sustainability Advisory Committee – Meeting Minutes 15 October

2.3.2	'Maintain collaboration with partner land managers and fire agencies to facilitate best practice bushfire management on a landscape scale'	Ongoing	<p>This says ongoing. Can it be ongoing and also high priority?</p> <p>Any ongoing commitment is being implemented already so no change.</p>
B3.1.3	Maintain the Bush Regeneration Program on Council-managed lands	High	<p>High and maybe look at local mobile groups for local areas</p> <p>Noted already high.</p>
B5.2.1	Implement staff, contractor and volunteer training as appropriate to increase awareness of biodiversity and conservation values	Ongoing	<p>Should be High as this could increase productivity and responsibility of stakeholders relating to weed removal and regeneration to an acceptable level</p> <p>Any ongoing commitment is being implemented already so no change.</p>



## **ANY OTHER FEEDBACK –**

The feedback below was noted as general commentary overall (for each strategy) as it encompassed the education and engagement ethos the committee wished to support for councils work in Sustainable Hornsby 2040.

JC raised one more area (new) for consideration. This was endorsed by the committee.

The Committee would like to see an environmental levy to help with upcoming actions. This has been successful in other councils and it would be an easy sell to the community as it wouldn't take a lot of money from each household to implement big changes (just look at the success of the water levy).

MM, EH, agreed it was worth exploring.

JC further commented on the 'bushfire retrofit rebate' being used by some councils to stop radical land clearing in fire danger times and instead incentivise strategic preventative behaviour.

Supported by committee.

Some excellent ideas throughout!

The community during COVID, has seen an increase in interest in nature, green space, bushland and gardening, so engagement on this strategy is perfectly timed. Traditional means of engagement may need to be revisited so we capture these new willing people from the community who are new & require education. We need to be inclusive with our thoughts on how to reach this audience.

We also need landholders to take care of their own land by removing weeds e.g. Privet, again education on why & how needs to be done as many do not have the knowledge to implement a strategy.

### **Do you have any suggestions on how Council can work with the community to implement the draft strategy?**

Especially with COVID restrictions at present, the best way to engage the community is probably through social media and internet. Would it be possible to have influencer types working with council to promote these ideas? To engage the broader community. Or businesses? Working with school students is also probably helpful because they then take the ideas home to their families.

Engage with industry associations e.g. Nursery & Garden Industry as they can assist in getting the message & provide avenues for stakeholders. Working with Industry to show them how to change & why the need.

Page 71 you have a strategy for connecting people to nature, you can mention the mental health & general health & well-being benefits when people are connected with nature. I have plenty of material on this subject if required.

Would an environment levy be possible? I know there is one for water, but Hornsby has lots of bushland too.

## Urban Forest Strategy

☒ Vision and Goals

The Bushland shire is characteristic for its immense urban tree canopy and access to national parks and bushland reserves on the fringes of every suburb. COVID has seen a huge resurgence of people connecting with the outdoors, and the property market over the next 5-10 years will have very evident ripples of this preference for greenery.

Hornsby is amongst the top few councils in NSW for its high rate of clearing of urban canopy. This is an issue that could see Hornsby treeless and identity-less within a few decades.

Hence it is incredibly important to maintain a strong, intergenerational approach to maintaining and increasing urban forest in the Hornsby Shire. It will be quite a challenge to plant at the rate of tree removal.

CK – raised

JC – was concerned about the heat effect of trees going.

EH – supported highlighting planting rate vs rate of removal mention and furthering the interventions beyond the 25,000-tree strategy.

JM – supported lobbying to maintain tree canopy cover especially with the rate of private clearing increasing.

EH – noted Hornsby is known to be the 3<sup>rd</sup> worst council in Sydney for tree clearing so this needs to be acknowledged.

PC – noted page 24 as an ideal place for this message, reinforcing what is already here.

Committee agreed to include this.

It is a shame that there is little support for increasing tree cover on private properties. Is there anything that could be done here

Tree planting is great – are the trees being planted far enough apart? And far enough from wires? In Galston there are a lot of new trees which are beautiful, but are they too close together?

Are the street planting going to be suitable species such as those not prone to falling?

JM – noted the clusters of gums in Galston that appeared to be too close, not a good species choice.

SH – noted discussion with RMS about this to resolve.

Tree selection for street trees is an important topic. Too many times do we see tree with the canopy in tatters after the electricity tree loppers have been through. Right tree for the right place – Which plant where – We need to have a listing of tree that suit our climate for now & moving forward. This work is being undertaken at present through research with the Nursery Industry. Perhaps this list of suitable trees for our shire can be listed on the HSC website for consumers & connect with garden centres so they know what to stock & sell. Almost like an 'approved' list for street trees for HSC residents

JR – noted right tree right place and that the strategy could include more on looking at species, overhead wires and other considerations. She noted a list of suitable trees on the HSC website,

JM - supported a reference to the website in social media and the plan.

EH – suggested council liaise with Macquarie Uni who has done various studies on 'right tree right place

Committee agreed to this inclusion.

**SUGGESTIONS OR EDITS - Committee noted none provided. COMMENTS ON THE ACTIONS OR TASKS. - Committee noted none provided.**

**PRIORITIES**

ID No	Action	Current Priority (High, Medium, Low)	Amended Priority (High, Medium, Low)
2.03.2	Investigate trials or pilot projects, including possible incentives, for those developers interested in seeking better urban greening outcomes.	Medium	High Agreed
2.13.4	Investigate options to encourage new trees to be planted as part of new developments and explore other greening options for high rise development e.g. green roofs	Medium	High Agreed
3.8.1	Engage and partner with the Guringai and Darug people to raise knowledge and awareness surrounding the cultural value of Hornsby's trees.	Medium	High Agreed

## FEEDBACK

Could an extension of the tree database created in action 1.01 be to calculate the carbon-sequestration performed by each tree and factor that into emissions reduction within the shire?

This could influence private land-owners if they were informed as to how environmentally destructive the removal of their trees would be if they were to clear their land. It could also be used if incorporated into the DCP as a means to reject DA's if they are approved by Arborists but don't meet Council's Urban Forest aims.

CK – raised.

JR – noted it was suggested this be calculated as part of net zero by 2050 however size and land parcel is a limiting factor, parks and reserves may be ok, not individual properties unless they are sizable are not suitable for this type of calculation.

JC – mentioned the valuation of trees for ecosystem services and was there a way to advertise/engage/promote the \$ value per tree.

PC – supported that carbon sequestration is on a scale of benefits and larger sized land is easier to calculate vs individual trees. The intervention is at an educational not planning level, helping landowners value retention vs removal.

DA – supported a behaviour modification program of community education.

Further comments were

DA - noted to be careful of selection of trees as the canopy cover could contribute to fire danger

JR – noted a considered 'whole of ecosystem approach' to tree selection and to look at how they connect, do they form wind breaks or other urban considerations.

PC commented on access and egress is affected by trees in a bushfire situation (how to do get in and out of danger areas).

As noted in previous comments, the comments below on engagement below are to be adopted across all strategies.

My comments on the Biodiversity draft report can be echoed in the urban forest report - The community during COVID, has seen an increase in interest in nature, green space, bushland and gardening, so engagement on this strategy is perfectly timed. Traditional means of engagement may need to be revisited so we capture these new willing people from the community who are new & require education. We need to be inclusive with our thoughts on how to reach this audience. The community needs to be an active part of the solution with guidance from council.

### **Do you have any suggestions on how Council can work with the community to implement the draft strategy?**

Engage with industry associations e.g. Nursery & Garden Industry as they can assist in getting the message & provide avenues for stakeholders. Page 71 you have a strategy for connecting people to nature, you can mention the mental health & general health & well-being benefits when people are connected with nature. I have plenty of material on this subject if required.

## Water Sensitive Hornsby Strategy

### Vision and Goals

The vision of Water Sensitive Hornsby is ambitious and considered. I support all of the goals set; however, I would consider drought response and resilience an important attribute that is underplayed in the strategy as a long-term goal. The reality of water restrictions became apparent last summer for many communities across regional NSW and in Greater Sydney to a lesser extent. In addition to the 6 Themes for a Water Sensitive Hornsby, Climate Adaptation could be recognised as response to the threat of changing climactic conditions (drought/heavy rainfall) that has already been witnessed in Hornsby Shire.

The focus on Indigenous recognition and connection to land is great to see. Additionally, it is an exciting vision of a green and blue takeover of the more urban parts of the shire like Hornsby's central shopping district – a legacy for generations to come.

CK – proposed, supported by all.

Very interesting/exciting ideas.

Question: The longer-term goal of water sensitive cities shown in figure 5 is exciting. I wasn't completely sure, would I be right to say that the goal of this current strategy is in supporting the initial work and research and engaging the community towards change, rather than physically trying to implement the water sensitive city plan right now? That is what I understand from page 29...

PC – commented that in broad terms it was a transition strategy that takes us from one point on the usage scale closer toward reusing/recycling and other water uses. It shows we are in transition as a shire and that we will therefore only show the next obvious step towards a final solution.

MM – supported the use of the words 'recycling' and 're-use' more in the documentation. He specifically wanted to see more emphasis on a future waste water treatment plant for Hornsby Creek.

PC – noted action 1.5.7 could be amended to include the action 'recycle water for irrigation'

Supported by all.

**Do you have any suggested edits or additions to the draft strategy?** Please provide page number and suggested edits below

Section	Page No	Comment	Suggested Edits
6. Community ideas for a water sensitive HSC	46	Must include all stakeholders – businesses are missing from this point	Provide financial incentives (e.g. grants) to implement water sensitive plans, upgrades to infrastructure, recycling & reduce water use solutions within businesses; Agreed by all
	46		Develop education programs for different parts of the business community that outline what actions they can take to conserve water in their business and have sustainable practices within their workplace Agreed by all
How can Council and other external organisations enable the implementation of these actions?	46	Include the DPI, LLS for business contacts	Agreed by all

**Do you have any comments on the Actions / Tasks in the draft Strategy? Do you have any additional actions / tasks to be added or should any actions / tasks be deleted?**

ID No	Action / Tasks	Comment	Suggested Edits
1.2.3	Review conditions of consent	How do we know if the conditions of consent are being adhered to 5 years down the line	Would it be possible to do 5-year compliance inspections?  JC – suggested this be done post occupation certificate so that people don't just comply for the build and then rip the watertank, or solar or insulation out. SC – noted businesses also do this MM – noted the septic systems inspection program.  Agreed by all.
3.1.4	Innovative engagement methods	Behavioural Economics is a great place to start - There are a few consultants and government departments that work on this. This could help with compliance issues	Investigate the use of behavioural economics to change behaviour and boost compliance.  JC supported the use of social psychology and working along the style of DPC and RFS who use this technique to create change. SC – highlighted the importance of incentivising e.g. The Sydney water grants last drought. JR – mentioned that these techniques were to be considered by the team.
4.2.4	Develop visualisations	The Simtable or something similar would be good for this task	Investigate innovative 3D visualisation technology to illustrate catchment behaviour and assist communications and decision-making. JC raised, agreed by all. JR said a picture tells 1000 words.

**Priorities**

Committee noted no changes.

ID No	Action	Current Priority (High, Medium, Low)	Amended Priority (High, Medium, Low)

**Do you have any other feedback on the draft strategy?**

Actions provided weren't prioritised, so I assume all are to be acted on gradually upon release of Water Sensitive Hornsby. (noted)

The comment "present an opportunity to change the business-as-usual approach to water management" is the key to this strategy working. As collectively we all need to take responsibility for our actions. (noted and agreed)

A rebate program for rainwater tanks and other WSUD actions has real potential to deliver great benefits. (noted and agreed)

**Do you have any suggestions on how Council can work with the community to implement the draft strategy?**

Would tours of water systems be possible like the recycling tours?

Social media, library, local organisations

Especially with COVID restrictions at present, the best way to engage the community is probably through social media and internet. Working with school students is also probably helpful because they then take the ideas home to their families.

JR noted and agreed to this. SC hoped that programs like Sydney water 'fix the leak' could be promoted by council.

JM – has shared on her social media

JR – noted that SS is updating the website currently and would like to incorporate programs like this.

The sentence – “a united and shared responsibility for Hornsby’s water resources and environmental health, with alignment across levels of government and across agencies. Water is managed in an integrated manner across sectors, organisations, and stakeholders, who work together to drive collaborative outcomes using the latest available technology” is extremely important. Many stakeholders have no idea about where wastewater travels, what it affects or how to reduce their usage. Industry has issue with old practice and have no tools to develop or update with new knowledge to improve their environmental performance. We will continue to have droughts, water shortages & polluted waterways unless collectively we improve our performance. Industry need incentives such as grants to assist them to update old practices. They also need education on what technologies are available & how to recycle water.

Supported by JR for her team

Supported by All.

**MEETING MINUTES**

Meeting Details	
Meeting Name and Number	<b>Environmental Sustainability Advisory Committee – Meeting No. 4</b>
Location	Zoom meeting
Date and Time	26 November 2020; 6.00pm to 8.00pm

Members		Present	Apology
Janelle McIntosh (JM)	Councillor - Chair	✓	
Emma Heyde (EH)	Councillor – Deputy Chair	✓	
Robert Browne (RB)	Councillor (was able to call in for part of the meeting)		✓
Mick Marr (MM)	Councillor	✓	
Joseph Nicita (JN)	Councillor	✓	
Julie Ryland (JR)	Strategy Manager	✓	
Louise Gee (LG)	Manager Strategy & Place	✓	
Sonja Cameron (SC)	Resident (joined 7.11pm)	✓	
Barbara Albert (BA)	Resident	✓	
James Chan (JC)	Resident	✓	
Connor Kerr (CK)	Resident	✓	
Dennys Angove (DA)	Resident	✓	
Lilly Schwartz (LS)	Resident	✓	
Inarra Jindandi (IJ)	Resident	✓	

Invitees		Present	Apology
Steven Head (SH)	General Manager	✓	
Peter Coad (PC)	Manager – Natural Resources	✓	
Susie Smith (SS)	Sustainability Officer	✓	
Joel Dobrogosz (JD)	Business Australia	✓	

No.	Agenda Item
<b>1.</b>	<b>Welcome and Acknowledgement of Country</b>
	JM opened the meeting at 6:03pm. Meeting purpose was to update the committee on the progress of the draft Sustainability Strategies and set next steps and targets for education and community engagement for 2021.
<b>2.</b>	<b>Apologies</b>
	Councillor Robert Browne – was able to call in for part of the meeting
<b>3.</b>	<b>Declarations of Interest</b>
	There were no conflicts of interest declared.
<b>4.</b>	<b>Adoption of draft Minutes (15 October)</b>
	Previous minutes were adopted as circulated (unanimous).
<b>5.</b>	<b>Strategy Update</b>
	JR thanked the committee for their submission to the draft Sustainable Hornsby 2040 Strategy and for the enormous effort from the committee to provide such a detailed response in such a short period of time. It was interesting to see that some of the issues raised by the committee were raised by other members of the community. In terms of numbers there were over 40 submissions for the Sustainable Hornsby 2020 Strategy. Over 50 for the Biodiversity Conservation Strategy. Over 40 for Climate Wise



No.	Agenda Item
	<p>Hornsby Plan and around 20 each for the Water Sensitive Hornsby Strategy and Urban Forest Strategy. Some submissions were one line and others 22 pages.</p> <p>The team are now in the process of summarising the interrelationships between the strategies and a summary of submissions. The plan is to have a workshop for Councillors in early February next year.</p> <p>EH wished to reiterate the acknowledgement of the committee's work and the contributions towards the future of the Shire.</p> <p>JM acknowledged the hard work by the committee that has paid off.</p>
<b>6.</b>	<p><b>Presentation by Guest speaker Joel Dobrogosz – Business Energy Advice Program from Business Australia</b></p>
	<p>JD presented on the Business Energy Advice Program as run by Business Australia and in partnership with Hornsby Council. The program has worked with over 8000 businesses helping them tackle energy prices, energy efficiency upgrades and other energy innovation.</p> <ul style="list-style-type: none"> <li>• JD introduced BEAP to the committee and requested assistance from members to disseminate the benefits when information comes out.</li> <li>• Businesses signing up to the program can get free tailored advice on how they can cut energy costs and get up to date support with this free Australian Government Energy Savings Initiative.</li> <li>• Businesses between (6) six and 20 equivalent full-time employees are eligible (or if a self-assessed drought-affected business employing up to five employees).</li> <li>• Services received are a free one-on-one consultation with an independent business expert from the Business Energy Advice Program, an energy report tailored to their business, and information on government grants and other resources.</li> <li>• JD also shared three examples of how businesses had significantly reduced their bills just by low cost measures like a timer on a drink's fridge.</li> </ul> <p>DA was curious about data coming out of specific industries and how it might be aggregated for business intelligence. JD confirmed that Business Australia were aggregating findings for industry transformation. JR discussed the benefits of peer to peer marketing for the program and how Council will be using its Localised site to generate local business interest, and we will seek community leaders – this will be covered in the next section.</p> <p>JD welcomed further questions from the panel to be fielded by SS and that in the new year there would be promotional materials that could help with marketing.</p> <p>The committee thanked Joel for his presentation.</p>
<b>7.</b>	<p><b>Community Education on Sustainability</b></p>
	<p>JR presented a snapshot of the community emissions profile and the progress towards Net Zero emissions by 2050. JR also outlined which sectors would give 'best bang for your buck' for our targets. With 58% of emissions coming from energy use and residential, retail, industrial and commercial and education sectors being the largest users in that order.</p> <p>The committee provided recommendations utilising their expertise and local knowledge on how to engage locally. Data from Resilient Sydney and other data that increasing the uptake of solar in the shire is one of the fastest ways to meet our targets and achieve benefits through other strategies (e.g. Lowering emissions is also providing cooling effect, promoting active transport etc).</p> <p>SS mentioned that we know that if we implement a behaviour in a business then people in that business are more likely to implement that behaviour at home, so we have a multiplier effect from people's peer reference groups and social norming, so businesses are a great way to engage our community.</p> <p>MM – endorses promoting uptake of solar and working with reference groups in business. He would like to see the return of the 'sustainable house day' as it was very popular in the shire and there were many houses and Not for Profit sustainability organisations that joined with council to promote and share sustainability at home. MM will pass on the ATA number to SS for follow up. MM has been a solar promoter for over 20 years and was one of the first in his neighbourhood to adopt the technology.</p> <p>JC – supported MM and mentioned the Thornleigh and Asquith passive houses that are inspirational. He would like to see this opened up and promoted for neighbourhoods to learn from one another.</p>

No.	Agenda Item
	<p>JR – A time lapse of the Asquith house is available at <a href="https://www.youtube.com/watch?v=aUsdxr9w2Is">https://www.youtube.com/watch?v=aUsdxr9w2Is</a></p> <p>LS - would like to see the promotion of solar through a sunspot assessment being done for each house and that assessment to be sent along with rates notices as well as with a general guideline on how to make solar work for you. She noted that there can be a cowboy market, so a checklist of how to install correctly would be useful.</p> <p>SC – agreed that we needed to help people avoid the solar traps. She wanted to see engagement with local resident associations and with Agri meetings where we could help de-mystify the solar engagement. She endorsed the use of social media and integrating programs so that residents and businesses could get information on waste, water, energy and other initiatives for their home.</p> <p>DA – agreed with all of the above and he'd like to engage with his connection Associate Professor Mark Diesendorf who is an expert in the built environment and is a local resident who he is sure would be more than happy to engage and assist. He would like to endorse SC's suggestion for community meetings and he is connected to the Berowra community climate group. His favourite initiative was energy efficiency in ten minutes, where 185 people from the community came and it was booked out a week before. It was mostly young couples and children who engaged. He would be pleased to help how he can. DA also shared another climate talk he had organised with young people and it was pivotal to get children involved, as they then engaged their parents.</p> <p>CK – echoed the concern about people getting some bad solar information and ensuring they had a checklist or some sort of easy way to sort the good from the bad. Some sort of basic fact check on solar and inverters.</p> <p>LS – agreed that a checklist would help save households weeks of work and that going with the 'town hall/sustainable day' theme she would like to see pop up stalls at the Hornsby Markets and at community meetings and at school P&amp;C nights so that parents and families can engage how they need to.</p> <p>BA – has seen great success with pop up stalls (North Sydney), and with presenting to schools (on waste, electricity reduction, LED lights and solar), most families don't know of rebates available or support. In terms of feasibility sunspot is great and Lane Cove Council have had some successes doing solar feasibility studies for businesses. Randwick Council are providing financial incentives such as rebates for energy assessments up to \$150 on houses to review hot water, insulation, lighting, pool pumps and rainwater tanks. They are also including this in their DA process to promote low carbon precincts and leading by example by having the turf club undertake the assessment. BA also supports awards for business doing the right thing (Inner West does this).</p> <p>JM – endorses the environmental awards and the excellent comments and ideas of the committee. She noted BA's amazing suggestions and placed a caveat that since Hornsby doesn't have a Sustainability Levy many of those items suggested may be beyond our current means.</p> <p>JR -mentioned that Hornsby Town Centre is already benchmarked for a low carbon precinct and we look forward to exploring this more.</p> <p>IJ – supports the ideas presented and is interested in how the Business Energy Advice Program can help businesses adopt solar (SS confirmed this is one of their remits). She also would like to see some modelling of long-term outcomes of solar and energy efficiency and how we can address the overall outcome – so that we don't fall short of our target. She endorses the integration of public policy including other CALD communities, indigenous communities and diverse communities so that we are coming up with a holistic response to the issue. A rebate finder would be a great way to ensure that families know what they can and can't get help with.</p> <p>LG, DA and LS – discussed how it was important to help communities understand green power procurement if solar was not feasible.</p>

No.	Agenda Item
	<p>MM – mentioned that as the cost of energy is going up and the cost of solar is going down, this will help become a motivating factor for change.</p> <p>BA - mentioned that as the grid becomes decarbonised in the next 15 years (with 4 -5 coal power plants being replaced) we will see some big changes in emissions then too.</p> <p>JM – outlined her experience of conducting a local business expo, along with the use of markets, pop-ups in malls and town centres to showcase local businesses and their sustainability products/services. This is good for sustainability and good for business. Would like to see similar happen in Hornsby.</p> <p>JM – noted the success of our library services with a variety of online programs able for residents to access: would like to see a range of guest speakers programs, webinars and accessible online collateral available for residents to access as they choose, on a variety of programs of interest.</p> <p>SC – There are lots of people who are quite advanced at solar and waste and energy and 'sustainability' and they are at the next stage needing guidance with batteries and electric vehicles.</p> <p>JC – mentioned Facebook outreach using the Berowra Community Facebook page and Mum's Groups and local interest groups. It would be beneficial for Council to join them to help share workshops and learnings. This is a great way to encourage peer to peer learning.</p> <p>JM – thanked the committee and encouraged the committee members to send additional ideas to SS via email.</p> <p>JR – thanked the committee and informed them that SS and JR will be shortly working out the 2021 education program and will be incorporating the ideas presented.</p>
<b>8.</b>	<b>Grant Applications</b>
	<p>JR presented on education grants being applied for to support our strategies.</p> <p>We have 26 strategies, 1350 actions and need to seek funding sources for actions. Three grants have been applied for:</p> <ul style="list-style-type: none"> <li>- Greening our city – looking at how to overcome barriers to increasing tree canopy cover and growing the 25,000-tree program.</li> <li>- Increasing resilience to climate change – coming off the back of the bushfire inquiry. The concept is 'how to be a good neighbour' and how we might integrate this with community education.</li> <li>- Environmental Trust Grant - interconnected education to give a holistic approach to engagement and provide a synthesis of approaches for the draft strategies.</li> </ul> <p>Partnering with other organisations and grant agencies will give us greater leverage for change and will help sustain outcomes. JR will let the committee know of outcomes.</p>
<b>9.</b>	<b>Bushfire Management</b>
	<p>PC briefed the committee on where Council was up to in participating in the National Bushfire Recovery Management Plan 2015-2021 and the District Fire Plan. Both plans are due for a review and re-write as part of a multi-agency strategy and treatment plan and this will include resourcing, <b>grazing</b>, community education and trail management actions.</p> <p>PC explained that the local LSPS and regional strategy were within Council influence and that education campaigns around 'being a good neighbour' will follow up any strategic decisions.</p> <p>Outputs from the planning/review will include a review of Council's map (demonstrated by PC) that shows the interface between natural reserves and dwellings, infrastructure and other risk attributes. If</p>

No.	Agenda Item
	<p>risks are unable to be treated or mitigated, then education will be the final option. In some area's treatments can be constrained due to access or the peri-urban interface and so these are coded red/yellow/green for targeted messages.</p> <p>In terms of risks Council is well prepared for treatments in this multi-agency approach and with community consultation.</p> <p>DA – wished to share a community education link</p> <p>JC – wanted the opportunity to promote helping houses in risk areas get a bushfire plan in place and to retrofit</p> <p>PC and JC discussed dispelling the myth that Council or the fire brigade will always come.</p> <p>MM mentioned that he gets those questions of what to do and where to go and which roads to take in Berowra.</p> <p>EH – supported the wider sharing of the maps and requested a Councillors briefing when the plan had been reviewed. She would also welcome more information on fire scenario planning and the district plan.</p> <p>PC – that this would be largely driven by RFS process and input and that they have their own timelines. PC would keep the committee abreast of these updates.</p>
<b>10.</b>	<b>Other Business</b>
	<p><b>Next steps</b></p> <p>JR – Reminded Committee members of the draft strategies currently on public exhibition. Copies are available on the Future Hornsby website.</p> <p>JR – will put together timings and agenda for next year. Potentially 4 Feb, 22 April, 5 August and 4 November. She welcomed emails to SS on peer to peer marketing and other ideas for education.</p> <p>JM thanked all committee members for their hard work and dedication and wished them a happy Christmas.</p> <p>Meeting closed 8:00pm</p>
<b>11.</b>	<p><b>Next Meeting –</b></p> <ul style="list-style-type: none"> <li><b>Next scheduled meeting – 4 February 2020.</b></li> </ul>

## MEETING MINUTES

Meeting Details	
Meeting Name and Number	<b>Environmental Sustainability Advisory Committee – Meeting No. 5</b>
Location	Zoom meeting
Date and Time	4 <sup>th</sup> February 2021; 6.00pm to 8.00pm

Members		Present	Apology
Janelle McIntosh (JM)	Councillor - Chair	✓	
Emma Heyde (EH)	Councillor – Deputy Chair	✓	
Robert Browne (RB)	Councillor (participated first half)	✓	
Mick Marr (MM)	Councillor	✓	
Joseph Nicita (JN)	Councillor (joined second half)	✓	
Julie Ryland (JR)	Strategy Manager	✓	
Louise Gee (LG)	Manager Strategy & Place		✓
Sonja Cameron (SC)	Resident	✓	
Barbara Albert (BA)	Resident (joined 6:16pm)	✓	
James Chan (JC)	Resident	✓	
Connor Kerr (CK)	Resident	✓	
Dennys Angove (DA)	Resident	✓	
Lilly Schwartz (LS)	Resident	✓	

Invitees		Present	Apology
Steven Head (SH)	General Manager		✓
Michael Neville	Team Leader Strategy, Projects and Education, Waste Management	✓	
Susie Smith (SS)	Sustainability Officer	✓	

No.	Agenda Item
<b>1.</b>	<b>Welcome and Acknowledgement of Country</b>
	JM opened the meeting at 6:03pm. Committee was welcomed to the first meeting of 2021.
<b>2.</b>	<b>Apologies</b>
	Councillor Nicita joined the second half of the meeting Inaara Jindani resigned from the committee in December 2020.
<b>3.</b>	<b>Declarations of Interest</b>
	There were no conflicts of interest declared.
<b>4.</b>	<b>Adoption of draft Minutes (26 November)</b>
	Previous minutes were deferred for adoption till next meeting as they are awaiting final amendments.
<b>5.</b>	<b>Waste Management</b>
	MN presented on the implementation of the Waste Matters Strategy. <ul style="list-style-type: none"> <li>- The CRC now includes clothing, expanded polystyrene and sale of live worms</li> <li>- Positive feedback received on the mural on the side of the CRC</li> <li>- Over 630 tonnes of materials recycled in 2017/18</li> <li>- Record amounts of cardboard and e-waste</li> <li>- 26,000 vehicles visited the site in 2020</li> <li>- 390 vehicles attend in one day</li> <li>- 23 tonnes of clothing have been recycled or repurposed to either King Clothing, south pacific or Bunnings for rags</li> </ul>

No.	Agenda Item
	<ul style="list-style-type: none"> <li>- Expanded polystyrene has seen 170m<sup>3</sup> recycled (or 4 large shipping containers)</li> <li>- Over 250,000 worms have been sold</li> <li>- There is a new recycled plastics demo site with plastic furniture made from REPLAS at the CRC</li> <li>- There are over 50 workshops planned for 2021 (20 online). The first will be a recycled clothing workshop</li> <li>- Single Use Plastics Policy adopted by Council November 2020</li> <li>- The annual Remagine Art Competition has been launched "Fast fashion, fast food, fast running out of natural resources" and a youth category has been introduced</li> <li>- A new NSW 20-year Waste Strategy is due mid 2021 with government and industry stakeholders being consulted now.</li> </ul> <p>A new waste and recycling contract commences in July.</p> <p>JM requested up to date information on the Waste Matters Strategy and new contract be included in future Councillor workshops.</p> <p><b>Questions:</b></p> <p>MM, JN and EH fielded questions about FOGO (with contamination being the predominate issue as well as the lack of access to appropriate processing infrastructure) and problem wastes.</p> <p>LS wanted to know how much space is required for a compost processing plant and MN answered that a large industrial site of a few hectares would be a minimal requirement.</p> <p>JR suggested that a future meeting may be held at the CRC and that a tour be offered (pending COVID restrictions update).</p>
6.	<b>Electric Vehicles</b>
	<p>JR provided an update on Electric Vehicles.</p> <p>Ausgrid has partnered with Jolt Charge and have submitted a Development Application for the installation of EV charging infrastructure in Waitara.</p> <p>Three other locations were investigated at Beecroft carpark, New Line Road (near the church) and Jersey Street Hornsby. Only Waitara is suitable at this point and a DA has been submitted.</p> <p>Two other sites already exist on private property at Dural McDonald's and Cherrybrook Shopping Centre. Pennant Hills Shopping Centre has designated parking from EVs but not charging infrastructure.</p> <p><b>Questions:</b></p> <p>DA questioned the opportunity for EV charging on light poles. JR explained that this will be examined in the future. JR outlined that the M2, M7 and pacific highway all converge on Hornsby and we have an opportunity to influence and support these major roads and bring business to the area.</p> <p>JR is encouraging this to be included in any major works with public domain infrastructure upgrades.</p> <p>JR acknowledged this will be considered along with visual amenity, traffic requirements and infrastructure availability.</p> <p>JC queried if there was a universal plug and JR said the industry was heading in that direction.</p> <p>EH queried if Council was still talking to other providers, not just jolt and Ausgrid and JR confirmed this.</p>
7.	<b>Car Share</b>
	<p>JR provided an update on car share within the Shire.</p> <p>Car share vehicles are currently located at Westfield Hornsby and Kennard's Hire Hornsby. GoGet are wanting to expand car sharing spaces within the Shire at 11 locations.</p> <p>Hornsby residents have high car ownership. With many new multi-occupancy dwellings in the planning phase or being implemented, Council will be encouraging car sharing to reduce the need for a 2<sup>nd</sup> or 3<sup>rd</sup> vehicle and provide alternate transport options.</p> <p>Proposed locations are listed in the attached presentation with an MOU to be signed with Go Get in the next few weeks.</p> <p>Residents within a 50m radius will be able to get free membership for the first year.</p> <p><b>Questions:</b></p> <p>JC asked if we could specify electric and hybrid vehicles. JR will look into it. JC also asked if DCP's for MUDS included car share. JR confirmed this.</p> <p>Lastly JC asked if there were children's car seats available as he noted insurance only covered specially fitted seats. JR took the question on notice. GoGet have since advised the following:</p> <p><i>We can install a child seat into any location upon member request. We typically only install seats into larger vehicles such as a medium hatch or a SUV.</i></p>
8.	<b>Sustainable Procurement</b>

No.	Agenda Item
	<p>JR provided an update on the Sustainable Procurement Determination from 2013 which is under review. The Determination is an internal document only. The review includes:</p> <ul style="list-style-type: none"> <li>- An internal working group from across the organisation - sustainability, planning and administration</li> <li>- Link outcomes to Council's emission reduction target</li> <li>- On 3 February Council held a Plastic Free Purchasing Policy Update for staff running events</li> <li>- Alignment to Sustainable Choice, Office of Local Government and best practice for sustainable procurement.</li> </ul> <p><b>Questions:</b></p> <p>JC would like to see Modern Slavery considerations in procurement.</p> <p>JR advised that Council has included the UN Sustainable Development Goals in the Sustainable Hornsby 2040 Strategy and will look to include this in the new procurement guidelines.</p> <p>MN advised that Council is participating in the SSROC 'paving the way' program which includes recycled materials in roads and footpaths, e.g glass, plastic etc.</p> <p>EH asked if Council are buying back recycled items. MN confirmed Waste Branch has demonstration site and parks have purchased items. JR confirmed that this is being included in new specifications/contracts.</p> <p>SC noted she has a well resourced and researched Procurement Guideline that she would like to share with Council and the Committee. SC has provided this to Council.</p>
<b>9.</b>	<b>Engagement / Networks</b>
	<p>SS requested help and support of the ESAC in promoting Council's <a href="#">Sustainable Business Newsletter</a> to their networks. The Newsletter will be issued quarterly and contains information on Bin Trim, Business Energy Advice Program, Localised and Solar workshops.</p> <p>SS also requested assistance of ESAC committee members with distributing flyers and postcards for the Business Energy Advice Program to their networks.</p> <p>SS and JR shared the upcoming Solar Your Business Workshop on 23<sup>rd</sup> and 24<sup>th</sup> March (link is in the Sustainable Business Newsletter) and again requested the committee speak with their networks.</p> <p>The committee were invited to present in upcoming seminars in their field of expertise or enthusiasm.</p> <p>DA was happy to present and call other residents (e.g. academic Mark Diesendorf) who might like to present.</p> <p>MM would will consider presenting on Sustainable House Day</p> <p>SC can present on Sustainable Gardening.</p>
<b>10.</b>	<b>Other Business</b>
	<p>JR updated Councillors at an internal workshop on the submissions for Sustainable Hornsby 2040 and the supporting strategies. The majority of comments were positive and recommended amendments have been incorporated into the final draft. The updated drafts will be going to the March Council meeting seeking adoption.</p> <p>JR advised that the Draft Off Leash Dog Park Strategy will be open for public comment until 30/3/2021.</p> <p>JM asked if the committee would prefer to continue meeting on Zoom or have face to face meetings.</p> <p>Six people preferred only Zoom. Four people preferred mostly zoom with some face to face meetings for special occasions like Christmas or a site meeting.</p> <p>It was noted that mix of zoom and face to face meetings are challenging to administrate.</p>
<b>11.</b>	<p><b>Next Meeting –</b></p> <ul style="list-style-type: none"> <li>• <b>Next scheduled meeting –</b> 22<sup>nd</sup> April, 5 August, 4 November</li> </ul>

**MEETING MINUTES**

Meeting Details	
Meeting Name and Number	<b>Environmental Sustainability Advisory Committee – Meeting No. 6</b>
Location	Zoom meeting
Date and Time	22 April 2021; 6.00pm to 8.00pm

Members		Present	Apology
Janelle McIntosh (JM)	Councillor - Chair	✓	
Emma Heyde (EH)	Councillor – Deputy Chair		✓
Robert Browne (RB)	Councillor	✓	
Mick Marr (MM)	Councillor	✓	
Joseph Nicita (JN)	Councillor (till 7.30)	✓	
Julie Ryland (JR)	Strategy Manager	✓	
Louise Gee (LG)	Manager Strategy & Place	✓	
Sonja Cameron (SC)	Resident	✓	
Barbara Albert (BA)	Resident (till 7.15pm)	✓	
James Chan (JC)	Resident	✓	
Connor Kerr (CK)	Resident		✓
Dennys Angove (DA)	Resident	✓	
Lilly Schwartz (LS)	Resident		✓

Invitees		Present	Apology
Steven Head (SH)	General Manager		✓
Lana Frost (LF)	Sustainability and Corporate Planning Officer	✓	
Susie Smith (SS)	Sustainability Officer	✓	

No.	Agenda Item
<b>1.</b>	<b>Welcome and Acknowledgement of Country</b>
	JM opened the meeting at 6:03pm.
<b>2.</b>	<b>Apologies</b>
	Councillor Heyde, Connor Kerr and Steven Head
<b>3.</b>	<b>Declarations of Interest</b>
	There were no conflicts of interest declared.
<b>4.</b>	<b>Adoption of draft Minutes (26 November 2020 and 4 February 2021)</b>
	Previous minutes were accepted – moved and seconded by JN and DA. There was a small change requested by RB noting his attendance rather than an apology at the February meeting.
<b>5.</b>	<b>Carshare Progress</b>
	JR provided an update on car share within the Shire. Car share vehicles are currently located at Westfield Hornsby and Kennard's Hire Hornsby. GoGet are wanting to expand car sharing spaces within the Shire at 11 locations. An MOU has been signed with GoGet and a Community Consultation Letter was circulated to residents within a 50m radius of the proposed locations. Responses to the letter included 25 residents in support of the proposal, 5 letters of general support but not in their street and 11 objections to the rollout. Residents within a 50m radius will be able to get free membership for the first year. Installation is likely to occur in May/June following approval from the Local Traffic Committee.
<b>6.</b>	<b>Draft Delivery Program and Operational Plan 2021/22 – Public Exhibition</b>









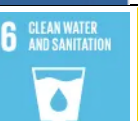
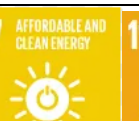

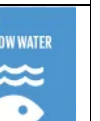

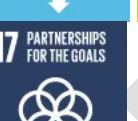




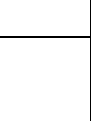
















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	<p>Council's draft Delivery Program and Operational Plan has been prepared covering operations from July 2021 to June 2022 and is currently on exhibition. The Plan includes 125 high priority actions from recently adopted strategies, including those represented in the Sustainable Hornsby 2040 Strategy.</p> <p>Action – JR to send link to all ESAC members. ESAC committee won't be making a submission, but individual submissions are welcome by 17 May.</p>
7.	<p><b>UN Sustainable Development Goals workshop</b></p>
	<p>This workshop was run by LF.</p> <p>The United Nations Sustainable Development Goals include 17 Goals and 169 targets. The 17 goals include:</p>  <p>Of the 17 goals and 169 targets LF invited the ESAC to consider Goals 7 and 13. Affordable and Clean Energy and Climate Action.</p> <p>The committee were invited to reflect and brainstorm on the two goals in terms of local priorities and community aspirations. The two goals could be localised by considering whether Council can "Control", "Influence" or has a "Concern" about this issue and localising the global targets and indicators.</p> <p><b>Goal – 7 Affordable and Clean Energy - Ensure access to affordable, reliable, sustainable and modern energy for all</b></p> <p><b><u>UN Global Target</u></b>  7.1 By 2030, ensure universal access to affordable, reliable and modern energy services  <b>Suggested change: By 2030, ensure LOCAL access to affordable, reliable and modern energy services</b></p> <p><b>Outcome:</b> Hornsby can influence this target in the shire but does not control the outcome.</p> <p><b><u>Global Indicators</u></b>  7.1.1 Proportion of population with access to electricity  7.1.2 Proportion of population with primary reliance on clean fuels and technology</p> <p><b>Possible local indicators:</b>  7.1.1 Proportion of population with access to electricity (considered to be all)  7.1.2. % of residential properties with solar</p>

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	<p><b>Data source:</b> Clean Energy Regulator, Australian Photovoltaic Institute, Resilient Sydney and Census data.</p> <p><b><u>UN Global Target</u></b>  7.2 By 2030, increase substantially the share of renewable energy in the global energy mix  <b>Suggested change: By 2030, increase substantially the share of renewable energy in the LOCAL energy mix</b></p> <p><b>Outcome:</b> Hornsby can influence this outcome locally and actively provide educational assistance to enable it. Hornsby can control this outcome in their own operations.</p> <p><b><u>Global Indicator</u></b>  7.2.1 Renewable energy share in the total final energy consumption</p> <p><b>Possible local indicator:</b> % of renewable energy share in the total final energy consumption.  <b>Data Source:</b> LGA data, Ausgrid, Resilient Sydney, Clean Energy Regulator, Australian Photovoltaic Institute  <b>Educational Message</b> – Create a dashboard on Council website to share our performance and generate dialogue</p> <p><b><u>UN Global Target</u></b>  7.3 By 2030, double the global rate of improvement in energy efficiency  <b>Suggested change: By 2030, double the LOCAL rate of improvement in energy efficiency</b></p> <p><b>Outcome:</b> Hornsby can influence this outcome locally and actively provide educational assistance to enable it. Hornsby can control this outcome in their own operations.</p> <p><b><u>Global Indicator</u></b>  7.3.1 Energy intensity measured in terms of primary energy and GDP  This is a measure of energy intensity, GJ per economic output. This measure is not within Council's control.</p> <p><b>Possible local indicators:</b> TBA  <b>Data Source:</b> LGA data, Ausgrid.</p> <p><b><u>UN Global Target</u></b>  7.a By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology  <b>Suggested change: By 2030, enhance LOCAL cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology</b></p> <p><b>Outcome:</b> This measure is neither in councils' operational control or influence. It is a concern.</p> <p><b><u>Global indicator</u></b>  7.a.1 International financial flows to developing countries in support of clean energy research and development and renewable energy production, including in hybrid systems</p> <p><b>Possible local indicator:</b> Tracking Council's investments in green businesses.</p> <p><b><u>UN Global Target</u></b>  7.b By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States, and land-locked developing countries, in accordance with their respective programmes of support  <b>Suggested change: By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all.</b></p>

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	<p><b>Outcome:</b> Hornsby can control this outcome locally and actively provide financial and educational assistance to enable it. Hornsby can control this outcome in their own operations e.g. street lighting, EV infrastructure, Batteries, Demand Management Technology.</p> <p><b>Global indicator</b> 7.b.1 Investments in energy efficiency as a proportion of GDP and the amount of foreign direct investment in financial transfer for infrastructure and technology to sustainable development services</p> <p><b>Possible local indicator:</b> Tracking Council's investments in green businesses.</p> <p><b>Goal 13 – Climate Action - Take urgent action to combat climate change and its impacts</b></p> <p><b>UN Global Target</b> <b>13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries</b></p> <p><b>Outcome:</b> Hornsby can influence this outcome locally and actively provide educational assistance. Hornsby can control this outcome in their own operations. Hornsby has a concern about this outcome and can partner with RFS, SES and other agencies to assist.</p> <p><b>Global Indicators</b> 13.1.1 Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population 13.1.2 Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015–2030 13.1.3 Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies</p> <p><b>Possible local indicators:</b> 13.1.1 Number of deaths, missing persons and directly affected persons attributed to disasters 13.1.2 Number of SUBURBS that adopt and implement national disaster risk reduction strategies 13.1.3 Proportion of LGA HOUSEHOLDS that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies</p> <p><b>Data Source:</b> National Disaster Resilience Index, (<a href="https://adri.bnhcrc.com.au/#!/">https://adri.bnhcrc.com.au/#!/</a>), Insurance Council, Ausgrid, Resilient Sydney and Resilience NSW</p> <p><b>Additional engagement measures:</b> #downloads of fires near me, # downloads of get prepared app #attendees at educational events targeting resilient behaviours Additional compliance measure: in the Climate Wise Hornsby Plan number of High and Medium risks addressed.</p> <p><b>UN Global Target</b> 13.2 Integrate climate change measures into national policies, strategies and planning</p> <p><b>Suggested changes: Integrate climate change measures into LOCAL policies, strategies and planning</b></p> <p><b>Outcome:</b> Hornsby can directly control this outcome locally in their operations and show concern and influence about this outcome with other regulatory agencies E.g. DCP.</p> <p><b>Global indicator</b> 13.2.1 Number of countries that have communicated the establishment or operationalization of an integrated policy/strategy/plan which increases their ability to adapt to the adverse impacts of climate change, and foster climate resilience and low greenhouse gas emissions development in a manner that does not threaten food production (including a national adaptation plan, nationally determined contribution, national communication, biennial update report or other)</p> <p><b>Possible local indicators</b> would be out of the Climate Wise Hornsby actions.</p>

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	<p><b><u>UN Global Target</u></b>  13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning</p> <p><b>Outcome:</b> Council can directly control their educational plans and provide influence to schools, businesses, communities and the general population.</p> <p><b>Global Indicators</b>  13.3.1 Number of countries that have integrated mitigation, adaptation, impact reduction and early warning into primary, secondary and tertiary curricula  13.3.2 Number of countries that have communicated the strengthening of institutional, systemic and individual capacity-building to implement adaptation, mitigation and technology transfer, and development actions</p> <p><b>Possible local indicators:</b> engagement indicators were preferred. Total audiences, numbers of queries, questions and feedback on education. A measure of engagement from all key stakeholders also considered useful.</p> <p><b><u>UN Global Target</u></b>  13.a Implement the commitment undertaken by developed-country parties to the United Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100 billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible</p> <p><b>Outcome:</b> This measure is neither in councils' operational control or influence. .</p> <p><b><u>UN Global Target</u></b>  13.b Promote mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities</p> <p><b>Suggested changes: Promote mechanisms for raising capacity for effective climate change-related planning and management in local marginalised communities, including focusing on women, youth, those with a disability, aged care, CALD and the vulnerable.</b></p> <p><b>Outcome:</b> Outcome: Council can directly control their plans and provide influence to local communities via the Community Development Team.</p> <p><b><u>Global Indicator</u></b>  13.b.1 Number of least developed countries and small island developing States that are receiving specialized support, and amount of support, including finance, technology and capacity-building, for mechanisms for raising capacities for effective climate change-related planning and management, including focusing on women, youth and local and marginalized communities</p> <p><b>Possible local indicator:</b> We have various marginal communities including Nepalese, Chinese CALD communities, aged care, youth and we would rely on a data source used by the Community Development Team. Another indicator could be number of programs (council and other state bodies) rolled out.</p> <p>Lastly the ESAC discussed the Community Strategic Plan 2018-2028 Strategic Goals – which roughly relate to a quadruple bottom line, and which Sustainable Development Goal aligns:</p> <ol style="list-style-type: none"> <li>1. Residents of Hornsby Shire have a sense of living in a community (Social)</li> <li>2. The natural environment within Hornsby Shire enhances the quality of life (Ecological)</li> <li>3. Our living centres are vibrant and viable (Economic)</li> <li>4. Increased overall satisfaction with Council (Governance)</li> </ol>

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	<div>Residents of Hornsby Shire have a sense of living in a community (Social)</div> <div>      </div> <div>   </div> <div>The natural environment within Hornsby Shire enhances the quality of life (Ecological)</div> <div>      </div> <div>   </div> <div>Our living centres are vibrant and viable (Economic)</div> <div>      </div> <div>      </div> <div>  </div> <div>Increased overall satisfaction with Council (Governance)</div> <div>      </div> <div>    </div>
<b>8.</b>	<b>Hornsby Park and Westleigh Park</b>
	<p>A draft masterplan is being presented on 6 May to a joint ESAC, Bushland and Heritage Committee Meeting.</p> <p>Please save the date – A formal invite has been sent to all members.</p> <p>An extra ordinary meeting is proposed for the 18 May to discuss a joint ESAC submission. Submissions are due 2 June.</p>
<b>9.</b>	<b>Engagement / Networks</b>
	<p>JR and SS attended the Berowra Climate Action Group Meeting. JR presented on council strategies. SS has met with academic Mark Diesendorf who has accepted a general invite to present.</p> <p>SC requested to talk at the next Galston Residents association and will invite SS and JR along.</p> <p>SS to bring fliers and a proposed program to next ESAC meeting 6 May as well as Galston meeting.</p>
<b>10.</b>	<b>Other Business</b>

No.	Agenda Item
	<p>Reminder – Submissions for Draft Delivery Program and Operational Plan are due 17 May.</p> <p>DA noted correspondence he received from Matt Keen’s office.</p> <p>Meeting Closed 7.49pm.</p>
11.	<p><b>Next Meeting –</b></p> <ul style="list-style-type: none"><li>• <b>Next scheduled meeting – 6 May (Face to Face), 18 May</b></li></ul>