

Bushland Management Advisory Committee

Date	6 th October, 2020	Time	6pm – 8pm	Location	Zoom
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Attendance: P= Present, A= Apologies

Cllr Browne	A	Mike Barrett	A	Julie Ryland	P
Cllr Hutchence	A	Robin Buchanan	P	Tim Macdonald	P
Cllr Marr	P	Joanne Caldwell	P	Rachel Whiteley	P
Cllr Nicita	P	Katie Devine	P	Peter Coad	A
Cllr Heyde	A	Margery Street	A		
Alexi Boyd	P	Ross Walker	P		

1. Welcome

The meeting was opened at 6:00pm by Cllr Marr and Julie Ryland.

2. Acknowledgement of Country

3. Attendance and apologies

4. BMAC Submission to Sustainable Hornsby 2040

Tim Macdonald informed the Committee that a BMAC submission had been drafted to incorporate Committee feedback recorded during BMAC meetings on 22 September and 29 September 2020 and via email. Tim confirmed that the intent of the meeting would be to finalise a Draft BMAC submission. The draft submission was posted live during the Zoom meeting and amended to the satisfaction of the meeting.

Committee members were encouraged, should any of their comments not be supported for inclusion in the BMAC submission, to submit feedback as an individual during the exhibition period.

Sustainable Hornsby Strategy

The text and recommendations presented in the draft submission were supported by the Committee. Any amendments made, or discussions are noted as follows:

1	No change to text or recommendation.
2	No change to text.
3	No change to text or recommendation. The Committee was informed that the Waste Strategy had been previously exhibited and adopted by Council. Comments made by BMAC members regarding the definitions of eWaste and collection programs would be passed on to the waste section for consideration.
4	No change to text. The Committee was informed that Council will seek to use education as a constructive tool in mitigating bushfire risk and protecting biodiversity values.
5	No change to text or recommendation. It was highlighted that more detailed discussion of approaches to water recycling is presented within the Water Sensitive Hornsby Strategy.
6	Minor change to text. Addition of the term 'stakeholders' to better include businesses within the community.
7	New point and recommendation (text transferred from item 6 of the Climate Wise Strategy as resourcing is equally important for achieving implementation of all strategies currently on exhibition). The Committee considered the limitations of a single staff member operating as a Grants Officer

	across all Council departments. It was agreed that existing Council staff were best placed to seek funding opportunities.
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Draft Biodiversity Conservation Strategy

The text and recommendations presented in the draft submission were supported by the Committee. Any amendments made, or discussions are noted as follows:

1	No change to text or recommendation.
2	No change to text or recommendation.
3	No change to text or recommendation.
4	No change to text or recommendation. The Committee agreed that BMAC be consulted during the development and/or implementation of identified policy and guidelines within the strategy.
5	No change to text.
6	No change to text. Recommendation altered to assess the benefits as well as impacts associated with the proposed Green Infrastructure Framework.
7	No change to text or recommendation.
8	Text change to note benefits of natural area recreation. Recommendation that the Natural Area Recreation Strategy include an assessment of positive and negative, with the intention of measuring the Impacts of increased Natural Areas usage by the community.
9	The Committee agreed to include 1.2.4 (bird safe building guidelines) and 1.4.3 (dark sky policy) in the table, changing prioritisation from L to M. Committee members supported the amended prioritisation of listed tasks.
10	Text changed to include early childhood and tertiary education institutions within the preparation of a Natural Resources Communication Strategy. General discussion involved how Council can incorporate education based on the goals of the strategy. Recommendation altered to refer to <i>all</i> education providers and stakeholders.

Draft Urban Forest Strategy

The text and recommendations presented in the draft submission were supported by the Committee. Any amendments made, or discussions are noted as follows:

1	No change to text or recommendation.
2	No change to text or recommendation.
3	The Committee agreed that BMAC be consulted during the development and/or implementation of identified policy and guidelines within the strategy.
4	No change to text or recommendation. Committee members supported the amended prioritisation of listed tasks
5	No change to text.

Water Sensitive Hornsby

The text and recommendations presented in the draft submission were supported by the Committee. Any amendments made, or discussions are noted as follows:

1	No change to text or recommendation.
2	No change to text.
3	No change to text. Recommendation amended to include sewage harvesting and re-use to the Waster Sensitive Urban Design examples.
4	No change to text or recommendation.
5	Text amended to include stakeholders. No change to recommendation.
6	Text amended to refer to <i>all</i> water recycling initiatives and additional sentence to emphasise the importance of maintaining environmental flows when implementing water sensitive measures and development controls.
7	Additional point noting importance of maintaining partnerships across government, key stakeholders and engaging community to gain support for the implementation of Water Sensitive Hornsby initiatives and wider catchment planning activities (i.e. estuary management planning) via Coastal Management Program).

Draft Climate Wise Strategy

The text and recommendations presented in the draft submission were supported by the Committee. Any amendments made, or discussions are noted as follows:

1	No change to text or recommendation.
2	No change to text or recommendation.
3	No change to text or recommendation.
4	No change to text or recommendation.
5	No change to text or recommendation.
6	Previous point removed. The Committee resolved that the Grants Officer/resourcing recommendation is relevant to all strategies and be presented in item 6 of the overarching Sustainable Hornsby 2040 Strategy.
6	No change to text or recommendation.
7	No change to text or recommendation.
8	No change to text or recommendation.
9	No change to text. Recommendation amended to encourage an advocacy role for a Carbon Emissions Trading Scheme as it is unlikely council could facilitate such a scheme independently despite the desirability. It was resolved that 'within the Shire' be removed to indicate the advocacy role and participation from Council when required.
10	No change to text.
11	Change to text to include reference to stakeholders in engagement, education and innovation initiatives. General discussion involved the dynamics of employment opportunities associated with 'eco-friendly' tourism and the integration of the Green Infrastructure Framework and Walking and Cycling Strategy to compliment Natural Area usage across Hornsby Shire.

5. Q&A

It was noted that a Bushfire Strategy is also being developed by Council for reserves under its care, control and management. The Committee were informed that this strategy will not be publicly exhibited due to the sensitivity of the content, primarily due to risk management. The recommendations of the bushfire inquiry will

be considered in the development of this Strategy, including communication and education programs. It is anticipated that the report will go to Councillors in December 2020.

It was also noted that the Hornsby Quarry Development Application will be determined by the Sydney North Planning Panel on Monday 26th October 2020.

6. General Business

For matters that have not been incorporated into the Committee submission, Members were encouraged to provide a personal submission through the following link: <https://future.hornsby.nsw.gov.au/draft-sustainable-hornsby-2040-strategy/>

A Community webinar will be held online on Tuesday 13th October 6:30-8pm to provide an introduction to the Sustainable Hornsby Strategies to the community. Registration for the event can be completed at the following link: <https://future.hornsby.nsw.gov.au/event/sustainable-hornsby-2040-webinar/>

7. Next meetings

The next meeting of the BMAC Group will be the 24th November 2020, 6:00pm-8:00pm. It is likely that BMAC meetings will continue to be held on Zoom.

The Meeting was closed at 8:00pm by Cr Marr.



Bushland Management Advisory Committee

Submission to Sustainable Hornsby 2040

6 October 2020

At its meeting on 9 September 2020, Council resolved to place the Draft Sustainable Hornsby 2040 Strategy and its supporting strategies on public exhibition until Friday, 30 October 2020. The supporting Strategies include the Draft Biodiversity Conservation Strategy, Draft Urban Forest Strategy, Draft Water Sensitive Hornsby Strategy and Draft Climate Wise Hornsby Plan.

During the public exhibition period, consultation was sought with Council's Bushland Management Advisory Committee (BMAC) with the purpose of advising Council on a review of the content of the various strategies. BMAC consists of seven community representatives and four Councillors who advise Council on bushland management related issues. The comments of BMAC members have informed this joint submission on the Sustainable Hornsby 2040 strategy (inclusive of the supporting strategies), following meetings on 22 September, 29 September and 6 October 2020.

The following comments and recommendations of BMAC are to be considered for inclusion into the respective Strategies and form a collective BMAC response. Members also made reference to minor edits which are incorporated directly into the strategy documents as appropriate.



Draft Sustainable Hornsby 2040

1. Committee members noted the strategies were comprehensive and supported the concepts contained within the strategy. It was also noted the strategies main goal was to be an overarching strategy and that detailed actions would be contained within the supporting strategies.

1.1. Recommendation: That the Committee notes support for the vision and goals of the Draft Sustainable Hornsby 2040 Strategy.

2. Committee members noted a number of edits to strategy and examples of best practice implementation. Discussion was held on the topics relating education programs, engagement of local business, engagement with schools, progress bench marking, cycleways and bus services and bushfire risk. Following the discussion, the strategy actions were viewed as adequate in addressing these topics, subject to suggested edits being considered. Hence no recommendations were made for significant additions or alterations.

3. Committee members noted the importance of community members having suitable and equitable access to eWaste services throughout the shire, noting the inability of all residents being able to transport and access the Community Recycling Centre at Thornleigh. Further, members noted that it was unclear what eWaste could be collected at the recycling centre and noted that a better definition of eWaste was warranted to assist the community efforts in recycling eWaste.

3.1. Recommendation: That eWaste collection services be made available to residents north of Hornsby and in rural areas of the Shire with information detailing what types of eWaste are accepted.

4. Committee members made comment of wording used to refer to risk within the Natural Hazards Strategy relating to bushfire within residential and rural areas. It was resolved that suitable language was required to inform the community on the risk presented to residents who lived adjacent or in close proximity to bushland areas which also noted positive aspects of such locations.

5. Committee members discussed the merits of water recycling and the utilisation of treated sewage from West Hornsby and Hornsby Heights Wastewater Treatment Plants, to assist in offsetting potable water supply. The committee noted that greater use of such water would have benefits during times of water shortages and drought.

5.1. Recommendation: That the utilisation of waste water and treated sewage be considered in the strategy to assist communities meet water demands in rural, manufacturing, industrial and mining areas.

6. Committee members discussed general topics relating to Council maintaining a position leadership in sustainability, planning, zoning (with examples provided from Parramatta Council), resourcing, public domain and active transport. Committee members also reiterated the importance of community consultation and engagement with specific reference to approaches that seek integration, collaboration and improved communication with all stakeholders.

7. Committee members noted the importance of funding to support the implementation of Strategies.



Recommendation: That Council continues to seek all funding opportunities in supporting implementation of all strategies.



Draft Biodiversity Conservation Strategy

1. Committee members discussed the visions and goals of the draft Biodiversity Conservation Strategy. In doing so it was noted the strategies and actions were thorough, well considered and optimistic. Committee members noted future challenges that the strategy would have to encompass, such as climate change, species extinction and canopy loss.
 - 1.1. **Recommendation:** That the Committee notes support for the vision and goals of the Draft Biodiversity Conservation Strategy
2. Committee members discussed the importance of ensuring all vegetation communities and catchments were afforded protection. There was general consensus that the strategy was adequate in this regard but sought further clarity on vegetation communities on Maroota Sands.
 - 2.1. **Recommendation:** That in Section “Contemporary vegetation patterns” (p19) further clarity was suggested on how Maroota sands would be afforded protection.
3. Committee members noted the actions within the strategy were comprehensive and would lead to satisfactory enactment of the strategy’s goals. However, members wished to specifically acknowledge migratory birds as a separate action and note this a priority.
 - 3.1. **Recommendation:** That in Section “Migratory Species” (p29) the assessment of migratory species was noted as a high priority. Hence, it is recommended that a reference to migratory species be included in the action table.
4. Committee members discussed their role in overseeing the enactment of the Biodiversity Conservation Strategy and requested that several actions be brought to BMAC’s attention at subsequent meetings.
 - 4.1. **Recommendation:** That Committee members note the following actions be brought before the committee as they are developed and or implemented.

Reference	Action
1.1.4	Review current biodiversity conservation management within the HDCP
1.2.1	Assess Plans of Management for Natural Areas to enhance biodiversity conservation outcomes
1.2.5	Prepare/review guidelines for vegetation management and compliance
1.2.11	Prepare a Natural Areas Recreation Strategy
1.3.2	Prepare guidelines and identify special incentives to prioritise biodiversity on private lands
1.4.2	Prepare strategies that reduce edge effect impacts for biodiversity and wildlife
1.5.2	Prepare biodiversity adaption strategy to minimise climate impacts through policy, planning instruments and operational activities
1.6.1	Prepare biodiversity monitoring program for council managed lands (as part of a wider Natural Resources Monitoring Program)
2.1.1	Identify a GIF which includes core, transition, and corridor areas
2.2.1	Implement and review a biodiversity offsets policy to support conservation on private and public land
2.4.1	Prepare a Natural Areas Recreation Strategy
3.2.1	Prepare and implement Biosecurity Management policies and plans
4.1.1	Prepare Green Corridor schematics to demonstrate planning principles in wildlife corridors



Reference	Action
4.1.2	Address potential buy-back arrangements and other enduring protection mechanisms for areas recognised as critical linkages in GIF
5.1.1	Prepare a Natural Resources communication, engagement and education strategy

5. Committee members noted broad support for the actions and tasks within the strategy. Specific focus areas for conversation related to the Green Infrastructure Framework, Fire Management and a Natural Areas Recreation Strategy.
6. In relation to the Green Infrastructure Framework, additional assessment work was requested by members to determine if the Framework would favour the movement of non-desirable, highly mobile and aggressive fauna species such as Cockatoo's and Lorikeets between reserves. Ground fauna such as Bandicoots, Wallabies, Echidnas and Lyrebirds seem unlikely to use the corridors, as are small sedentary birds such as White-Browed Scrub Wrens. If they do, they will be greatly at risk from predators and vehicles. Discussion also noted the success of fauna movement infrastructure.
- 6.1. **Recommendation:** That action ID 2.1.1 be amended to include a preliminary assessment of the benefit and impacts of the proposed Green Infrastructure Network on the Shire's fauna and biodiversity.
7. Committee members discussed the importance of fire management within the landscape and the need for greater community awareness of fire and its behaviour. In this discussion, topics of cultural burning, community education and ecological burning requirements were considered.
- 7.1. **Recommendation:** That a reference to fire management within the action table be made noting the need to manage fire for the benefit of biodiversity conservation goals and to ensure implementation of bushfire management activities within the Hornsby Kuring-gai Bushfire Risk Management Plan.
8. Committee members noted the increased use of public recreation spaces and bushland areas for recreation, the benefits and pressures this brings to natural areas. The Committee therefore supported the development of a Natural Area Recreation Strategy in addressing such activity in the bushland areas.
- 8.1. **Recommendation:** That a Natural Area Recreation Strategy be developed as noted as a means to assess impacts while balancing community interaction with nature-based recreation.
9. Committee members discussed and supported many of the priority rankings contained within the strategy, however recommended the following rankings be changed to:

ID Ref	Action	Current	Amended
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	M	H
1.2.3	Identify mechanisms to inform residents of significant biodiversity features and remnant vegetation on their land	M	H
1.2.4	Assess potential new standards for bird safe buildings, including information material, guidelines for retrofitting and DA assessment	L	M



ID Ref	Action	Current	Amended
1.6.1	Prepare biodiversity monitoring program for council managed lands (as part of a wider Natural Resources Monitoring Program)	M	H
1.2.9	Maintain green wall and roof provisions for new developments/retrofits	M	H
1.2.3	Identify mechanisms to inform residents of significant biodiversity features	M	H
1.2.11	Prepare a Natural Areas Recreation Strategy (is high in 2.4.1)	M	H
1.4.3	Assess 'dark sky' policies and development measures to limit light pollution disturbance to wildlife	L	M
1.5.1	Prepare a vulnerability assessment to determine future impact of climate change on biodiversity values	M	H
1.6.1	Prepare biodiversity monitoring program for council managed lands (as part of a wider Natural Resources Monitoring Program)	M	H

10. Committee members noted support for actions and initiatives that involved community engagement actions that promote a sense of place, identity and community. The committee encouraged new ways of utilising positive messaging and engaging with the community be highly prioritised, with a focus on early/primary/secondary/tertiary education institutions, when implementing strategy actions. With regard to planning instruments, the committee was supportive of planning initiatives that supported the implementation of actions within the Biodiversity Conservation Strategy.

10.1 Recommendation: The Committee support the preparation of Natural Resources communication strategy to build community engagement and relationships with all education providers and stakeholders to view our natural resources as a community asset and tool for learning.



Draft Urban Forest Strategy

1. Committee members discussed the importance of maintaining and enhancing an urban forest with particular reference to the preservation of trees. In the discussion, the committee noted support for the urban forest strategy and considered it to be comprehensive in covering issues that needed to be undertaken to address the Shires declining tree canopy.

1.1. **Recommendation:** That the Committee notes support for the vision and goals of the Draft Urban Forest Strategy.

2. Committee members discussed actions within the strategy noting a number of points of clarification. Topics discussed included a selection of maps and their currency, street tree replacement, tree loss associated with development and the frequency at which tree canopy is monitored.

3. Committee members considered their role in overseeing the strategy's implementation and noted the following actions should be brought to the Committees attention at subsequent BMAC meetings.

3.1. **Recommendation:** That the Committee members note the following actions be brought before the committee as they are developed and or implemented.

ID Ref	Action / Tasks
1.03.2	Prepare a Street Tree Master Plan to inform the strategic and operational management of these assets.
1.05.1	Develop a urban tree management policy that standardises decision making processes against a clear Council objectives all elements of street and park tree management
1.07.1	Prepare a policy that aligns with the Biodiversity Conservation Management Plan 2020 to manage the protection of trees and provide guidance for other practices along rural roads.
1.11.1	Develop a tree valuation methodology, using data captured from the tree inventory, for Hornsby's public trees, including environmental, social and economic benefits of trees
2.05.2	Prepare guidelines for developers for exempt and complying development to support Council's local strategic planning strategy and character statements across the LGA. Controls must be consistent with LEP outcomes and DCP controls.
2.06.1	Develop relevant LEP standards (Part 4 of the standard LEP template) to support the protection and management of existing canopy trees and future canopy planting within relevant land use zones and consistent with local character statements
2.07.1	Revise and develop DCP provisions to reinforce the hierarchy of protecting, restoring and creating canopy across the local government area consistent with local character statements, tree canopy targets and district planning directions.
2.09.2	Develop a tree canopy policy to support the LEP and DCP if its determined that the focus of that Green Offset Policy remains primarily biodiversity
3.03.1	Prepare WSUD policy incorporating guidelines for all stormwater treatment and consistent with urban forest outcomes
3.04.1	Prepare green wall and green roof policy for new developments and retrofits



4. Committee members discussed priorities within the Urban Forest Strategy and noted support for the amending priorities contained in the strategy with following changes:

ID Ref	Action	Current	Amended
1.16.1	Measure canopy cover every five tree years and evaluate against baseline and intended targets for canopy and diversity	H	M
2.1.2	Measure every 5 years given the rate of development and tree loss across the Shire.	H	M ¹
2.1.3	Investigate and measure the effectiveness of DCP controls using updated data	H	M ²
2.15.1	Actively promote and implement Council's free tree giveaway program	H	M ³
2.16.1 2.16.2 2.16.3	Develop ongoing media, develop case studies, Implement interactive community workshops ...	M	M,L
3.8.1 to 3.9.4	Need to raise awareness within the public of Guringai and Darug people, and of the value of urban forest.	M	H
2.13.4	Develop development guidelines that include lot scale green infrastructure outcomes.	M	H

1 – A lower frequency of data collection was recommended as substantial changes in canopy wouldn't be observed in a five year period. 2- A longer time between assessing DCP effectiveness was recommended noting the time taken to effect changes in DCP processes. 3 – A lower frequency of Nursery promotion was recommended as high frequency promotion wasn't considered necessary.

5. General conversation noted a number of items that are addressed in the strategy and are considered to align with the interests and priorities of BMAC. These items include the support for; planning instruments that complement the implementation of Strategy, communication and education strategies which highlight the importance of maintaining and improving an urban forest with a focus on native trees being prioritised where appropriate, actions which seek to maintain tree coverage on private land, planning activities (such as master planning, and tree mapping) to ensure better integration of tree planting programs within the public domain and monitoring of Council's tree canopy and asset management.



Draft Water Sensitive Hornsby Strategy

1. Committee members discussed the importance of promoting appropriate water management and the need to move to a water sensitive city. Accordingly, the Committee was in agreement with vision and goals of this Strategy.

1.1. Recommendation: That the Committee notes support for the vision and goals of the Draft Water Sensitive Hornsby Strategy.

2. Committee members discussed the language within the vision and noted a series of edits for incorporation into the document. Conversation was had on appropriate approaches to engage the reader with the language used being more emotive than technical in nature. The committee was supportive of this approach.

3. Committee members discussed and noted examples of items that could be incorporated into the strategy to highlight ideas that support the vision for a water sensitive city.

3.1. Recommendation: That examples of Water Sensitive Urban Design be included in the strategy such as rainwater tanks, permeable pavers, rain gardens, water play, water for bushland fauna and stormwater/sewage harvesting and re-use.

4. Committee members discussed their interests in overseeing the implementation of the Water Sensitive Hornsby Strategy and requested the following actions be brought to BMAC’s attention at subsequent meetings.

4.1. Recommendation: That BMAC members note the following actions be brought before the committee as they are developed and or implemented:

ID Ref	Description
1.2.1	Review compliance policy procedures
2.1.1	Develop place-based plans that incorporate a strong narrative around the local environmental, historical and indigenous heritage (informed through community engagement) and highlight linkages to other valuable networks
2.3.1	Ensure integration across relevant LSPS strategies
5.1.1	Identify appropriate platforms to implement water sensitive solutions in place-based planning

5. Priorities within the strategy were noted and discussed. Of particular note to members was the need to inform and educate the community and stakeholders on information relevant to the strategy, in which updating Council’s website was considered a high priority.

5.1. Recommendation: That information relating to Water Sensitive Cities be updated as a high priority on Council’s website.

6. General conversation amongst committee members noted the need for continued support with compliance initiatives to enact Water Sensitive Urban Design, planning controls to promote the construction and installation of gross pollutant traps, erosion controls and all water recycling initiatives. The Committee



highlighted the importance of maintaining environmental flows when implementing water sensitive measures and development controls.

7. Members also noted the importance of maintaining partnerships across government, key stakeholders and engaging community to gain support for the implementation of Water Sensitive Hornsby initiatives and wider catchment planning activities (i.e. estuary management planning).



Draft Climate Wise Strategy

1. Committee members discussed the urgency and importance of adapting to climate change noting the onset of an associated increase in natural disasters. In addressing climate change, committee members noted the importance of encouraging and supporting community attitudes that were commensurate with supporting the implementation of the strategy's goals and vision.

1.1. Recommendation: That the Committee notes support for the vision and goals of the Draft Climate Wise Plan.

2. Committee members discussed strategies and noted general support for their implementation through the actions. Conversation then considered the adequacy of the benchmarking and targets, noting a desire to ensure the most ambitious targets were the focus for Council's strategic planning. Committee members were informed that Council's Environmental Sustainability Advisory Committee (ESAC) are concurrently considering the Draft strategy documents on public exhibition and the members agreed that the BMAC submission would adopt a consistent position to ESAC.

2.1. Recommendation: The Committee recognises that the emission reduction targets are in line with the NSW Government commitment to Net Zero Emissions by 2050. BMAC 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.

3. Committee members discussed the roll out of LED lights and noted concerns for their impacts on wildlife. Concern was noted for the use of filtered blue, violet and ultra-violet wavelengths which are considered to be problematic for night vision and navigation of nocturnal species.

3.1. Recommendation: With regard to actions 1.1 to 1.4 that consideration towards the impacts to wildlife be included prior to the installation of LED lighting.

4. Committee members supported initiatives which encouraged the installation and utilisation of solar energy. Discussion was had on the merits of individual and community solar projects and Council's role in their promotion. In identifying suitable areas for installations, the committee noted that part shaded properties could also contribute to solar generation, noting advances in solar technology efficiencies and the use of micro inverters.

4.1. Recommendation: That in an assessment of the suitability of solar energy installation, that part shaded roofs be considered as a viable location.

5. Committee members noted and discussed the importance of incorporating zero carbon processes throughout the Shire rather than just focusing within the Town Centres.

5.1. Recommendation: That zero carbon processes be incorporated into the design, development and ongoing use in all areas of the Shire, e.g. building materials, waste generation & disposal, energy production on scale.

6. Committee members noted particular interest in overseeing the implementation and development of several actions within the Strategy and requested that they be brought before the committee at subsequent meetings.



6.1. **Recommendation:** That Committee members note the following actions be brought before the committee as they are developed and or implemented:

RAC05 (p48)	Decrease in the average annual rainfall may cause increased property damage or personal injury as a result of falling limbs and trees caught by droughts, fire and storms
FWAE6 (p55)	Increased number of FFDI days may cause loss/damage to private property including residential and businesses due to fire, fallen trees, accidents due to smoke reducing visibility levels
SLC12 (p59)	An increase in East Coast Lows and coastal inundation events may result in impacts on coastal nature reserves, beaches, natural public recreational sites, roads, carparks, jetties foreshore/ coastal natural walking paths (erosion) – loss of foreshore vegetation, beaches, boats moored closed to shore.
ERAE2 (p63)	An increase in the number of extreme rainfall/storm events may cause loss/damage to public property including Council assets due to fallen trees, accidents due to intense rain periods, etc, which could impact on Council's services to the public

7. Committee members commented on the prevalence of large retail and industrial roof spaces and requested a targeted campaign and incentive program be developed to encourage the utilisation of solar generation technology on these spaces.

7.1. **Recommendation:** That large retail and industrial areas be targeted with a specific campaign to encourage utilisation of large roof areas for solar generation.

8. The priorities identified for each task and action were considered by Committee members within the Strategy who have recommended the following changes be made:

ID Ref	Action	Current	Amended
2.6	Work with community on viability of community solar farm	Medium-Low	Medium
2.14	Solar farm + EV charging (related to 2.6 above)	Medium-Low	Low

9. Committee members commented on the importance in establishing a Carbon Emission Trading scheme through the Local Government Shires Association and Cities for Climate Protection. In doing so the potential for generating carbon credits in accordance with the National Carbon Offset Standard was acknowledged as potential mechanism.

9.1. **Recommendation:** That an action be included seeking Council's advocacy for a Carbon Emission Trading Scheme to be established.

10. Committee members further discussed broad issues relating to carbon sequestration, reducing the reliance on non-renewable sourced electricity and the need for complimentary planning and compliance controls to support the strategies implementation. These discussion topics are noted and will be considered when corresponding actions in the strategy are being developed.

11. Committee members noted the importance of community and stakeholder engagement, education and innovation when implementing actions within the strategy. Items of note include the need to engage the community and stakeholders in mechanisms which help the community cope with climate extremes,



construction of community solar farms and the need for a network of vehicle and bicycle charging points (and associated infrastructure).