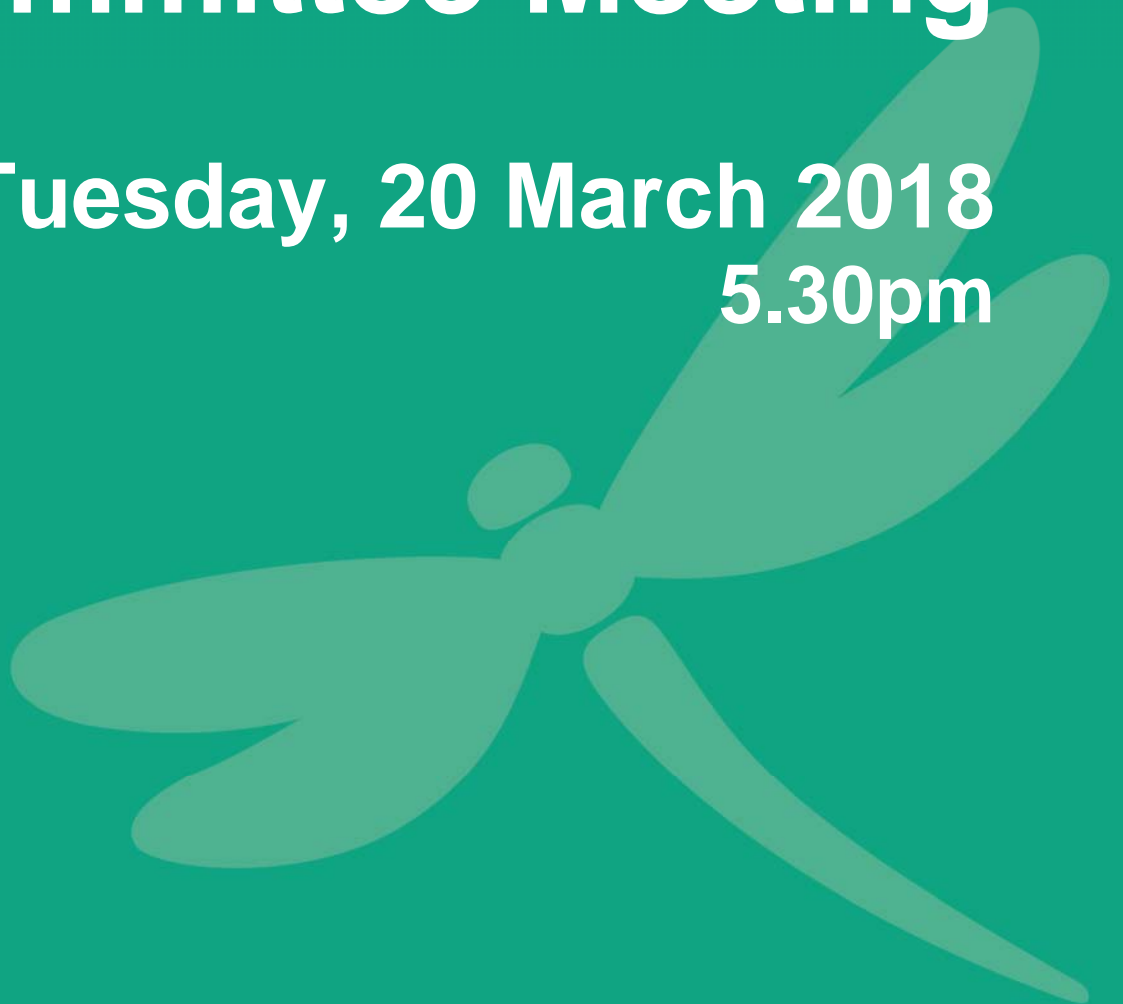


Business Papers

City Futures Committee Meeting

Tuesday, 20 March 2018
5.30pm





Notice of Meeting

To the Lord Mayor and Aldermen

You are invited to attend a City Futures Committee Meeting to be held in Council Chambers, Level 1, Civic Centre, Harry Chan Avenue, Darwin, on Tuesday, 20 March 2018, commencing at 5.30pm.

.

A MALGORZEWICZ
ACTING CHIEF EXECUTIVE OFFICER

OPEN SECTION

FUTURES 3/4

CITY OF DARWIN

CITY FUTURES COMMITTEE MEETING

TUESDAY, 20 MARCH 2018

MEMBERS: Member S Cullen (Chair); The Right Worshipful, The Lord Mayor, K Vatskalis; Member G Lambrinidis; Member S J Niblock.

OFFICERS: Acting Chief Executive Officer, Ms A Malgorzewicz; General Manager City Futures, Mr G Rosse; Manager Economic Development, Tourism & International Relations, Mr L Carroll; Manager City Planning, Ms C Robson; Manager Climate Change & Environment, Ms S Gamble; Executive Assistant, Ms N Tyrie.

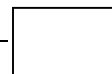
Enquiries and/or Apologies:

***E-mail: n.tyrie@darwin.nt.gov.au - PH: 89300 651
OR Phone Chambers, for Late Apologies - PH: 89300 455***

Committee's Responsibilities

THAT effective as of 26 September 2017 Council, pursuant to Section 32(2)(b) of the Local Government Act, hereby delegates to the City Futures Committee the power to make recommendations to Council and decisions relating to City Futures matters within the approved budget:

- City Resilience
- Climate Change & Environment
- International relations (formerly Sister Cities)
- Investment attraction/Economic Development/Tourism
- Planning - Strategic, Statutory, Social:
 - Development Applications referred from the Development Assessment Services (NTG)
 - Town Planning Strategy, Policies and Procedures
 - Strategic Planning matters such as Planning Scheme Amendments, NT Planning Act amendments, discussion papers and proposed guidelines
 - Development and Planning Matters referred to Council from Developers, Community Groups and Individuals
 - Signage Applications, Policies and Procedures
 - Outdoor Dining Applications, Policy and procedures
- On-street & Off-street Parking
- Smart City/Digital Delivery



OPEN SECTION

FUTURES 3/5

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OPEN SECTION

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OPEN SECTION

FUTURES3/7

City Futures Committee Meeting – Tuesday, 20 March 2018

1. MEETING DECLARED OPEN

2. APOLOGIES AND LEAVE OF ABSENCE

Common No. 2695036

2.1 Apologies

2.2 Leave of Absence Granted

Nil

3. ELECTRONIC MEETING ATTENDANCE

Common No. 2221528

4. DECLARATION OF INTEREST OF MEMBERS AND STAFF

Common No. 2752228

4.1 Declaration of Interest by Members

4.2 Declaration of Interest by Staff

5. CONFIRMATION OF MINUTES OF PREVIOUS MEETING/S

Common No. 1955119

5.1 Confirmation of the Previous City Futures Committee Meeting Minutes

THAT the Committee resolve that the minutes of the previous City Futures Committee Meeting held on Tuesday, 20 February 2018, tabled by the Chair, be received and confirmed as a true and correct record of the proceedings of that meeting.

OPEN SECTION

FUTURES3/8

City Futures Committee Meeting – Tuesday, 20 March 2018

5.2 Business Arising

6. DEPUTATIONS AND BRIEFINGS

Nil

7. CONFIDENTIAL ITEMS

Common No. 1944604

Nil

8. WITHDRAWAL OF ITEMS FOR DISCUSSION

THAT the Committee resolve under delegated authority that all Information Items and Officers Reports to the City Futures Committee Meeting held on Tuesday, 20 March 2018 be received and considered individually.

OPEN SECTION

FUTURES3/9

City Futures Committee Meeting – Tuesday, 20 March 2018

9.1 OFFICERS REPORTS (ACTION REQUIRED)



ENCL: CITY FUTURES COMMITTEE/OPEN
YES

AGENDA ITEM: 9.1.1

REVIEW OF EAST POINT RESERVE BIODIVERSITY MANAGEMENT

REPORT No.: 18CF0014 JL:hd **COMMON No.:** 2451691

DATE: 20/03/2018

Presenter: Manager Climate Change and Environment, Shenagh Gamble

Approved: General Manager City Futures, Gerard Rosse

PURPOSE

The purpose of this report is to seek Council endorsement of the approach for a new Biodiversity Management Plan for East Point Reserve.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies as outlined in the 'Evolving Darwin Towards 2020 Strategic Plan':-

Goal

3 Environmentally Sustainable City

Outcome

3.3 Conserve and protect the Darwin environment

Key Strategies

3.3.2 Increase biodiversity richness and abundance across Darwin

KEY ISSUES

- East Point Reserve has high ecological value.
- The East Point Reserve Biodiversity 5 Year Management Plan 2014 – 2018 is complete.
- A new biodiversity management plan is required for East Point Reserve.
- The new biodiversity management plan for East Point Reserve will form the basis of a broader Greenspaces and Urban Biodiversity Strategy for Darwin.

RECOMMENDATIONS

THAT it be a recommendation to Council:-

- A. THAT Report Number 18CF0014 JL:hd entitled Review of East Point Reserve Biodiversity Management, be received and noted.
- B. THAT a comprehensive Five Year Biodiversity Management Plan be developed for the entire East Point Reserve for delivery over the period 2019 – 2024.

PAGE: 2
 REPORT NUMBER: 18CF0014 JL:hd
 SUBJECT: REVIEW OF EAST POINT RESERVE BIODIVERSITY MANAGEMENT PLAN

BACKGROUND

At the 2nd Ordinary Council Meeting of 25 March 2014 Council confirmed the decision:

DECISION NO.21\1946 (25/03/14)

East Point Reserve Biodiversity 5 Year Management Plan 2014-2018

Report No. 14TS0058 SG:nj (18/03/14) Common No. 2415691

A. THAT Report Number 14TS0058 SG:nj entitled East Point Reserve Biodiversity 5 Year Management Plan 2014 - 2018, be received and noted.

*B. THAT Council endorse the East Point Reserve Biodiversity 5 Year Management Plan 2014 – 2018; **Attachment A**, to Report Number 14TS0058 SG:nj entitled East Point Reserve Biodiversity Five year Plan 2014 – 2018.*

East Point Reserve is the largest greenspace managed by City of Darwin, providing 200 hectares of public open space with over 30 hectares of remnant and revegetated monsoon rain forest. Council has been managing the reserve since 1984 and aims to balance the ecological, cultural, community and historic values. The reserve is host to a population of around 200 wild agile wallabies, the Rainbow Pitta and a range of other flora and fauna unique to the area.

The reserve is part of Darwin Harbour, a nationally recognised, Site of Conservation Significance and is home to a variety of unique flora and fauna.

The East Point Reserve Biodiversity 5 Year Management Plan 2014-2018 (the Plan, provided in **Attachment A**) reaches completion in 2018, giving Council an opportunity to evaluate the success of the Plan and to prioritise activities for the future.

The Plan focused on operations that supported biodiversity of the monsoon rainforest. The Plan limited its scope to the forested areas of the reserve, including revegetation works to extend the monsoon rainforest, but provided little guidance on increasing biodiversity outcomes. All actions from the Plan have been completed or are ongoing general maintenance duties.

DISCUSSION

The Climate Change & Environment (CC&E) and Parks & Reserves teams have been implementing the Plan over the past five years. A review of the actions from the plan is included in **Attachment B**.

As reflected in Council's Strategic Plan *Evolving Darwin towards 2020*, increasing 'biodiversity richness and abundance across Darwin' is a priority. In keeping with this strategic priority, a refocus of management priorities for East Point Reserve is recommended.

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 SUBJECT: REVIEW OF EAST POINT RESERVE BIODIVERSITY MANAGEMENT PLAN

Several options for the management of the reserve are provided;

1. Keep the status quo – the plan will be reviewed and extended for a further five years. Maintenance of the monsoon forest in the northwest of the reserve will continue, with limited enhancement of biodiversity beyond revegetation and weed control. **This options is NOT recommended**
2. Create a new comprehensive biodiversity management plan – the new plan will enhance biodiversity across the whole Reserve including the south eastern savannah woodland area. Biodiversity targets and specific plans will be used to monitor management success. **This is the recommended option.**
3. Repurpose the Reserve as a Biodiversity Reserve – this could include rezoning the majority of the Reserve to Conservation to create an area committed to biodiversity. This would significantly restrict activities at the reserve, possibly also affecting leased areas. Community consultation would be required to further this option. **This option is NOT recommended at this time**

Option 2 is recommended as it extends the current practice beyond business as usual, without overly changing the nature of the reserve. The process to develop a new plan would include an analysis of current biodiversity management regimes and recommendations for future biodiversity management.

East Point Reserve has several areas that may benefit from more comprehensive biodiversity management. Examples include extending revegetation efforts to the southern section of the reserve (this area was historically savannah woodland) and incorporating Lake Alexander and other sites (Image 1.)

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 SUBJECT: REVIEW OF EAST POINT RESERVE BIODIVERSITY MANAGEMENT PLAN



Image 1. East Point Reserve. The north-westerly part of East Point has historically been monsoon vine thicket and the focus of Council's revegetation and management efforts (shaded in green). Potential savannah woodland revegetation area (shaded in orange).

The benefits of Option 2 will be to meet community expectation of a recreational reserve while striving for best practice biodiversity and conservation outcomes.

The Plan will still focus on the key biodiversity principles of flora, fauna, weeds, water, and integrated management. The following sub-plans would be expected:

- Revegetation Plan
- Weed Management Plan
- Water Management Plan (including irrigation)
- Fauna Reintroduction Plan (primarily Atlas moth)
- Feral Animal Management Plan
- Infrastructure Maintenance Plan
- Recommendations for future management.

CONSULTATION PROCESS

In preparing this report, the following City of Darwin officers were consulted:

- Parks and Reserves Coordinator
- Team Leader Central and Urban Precinct
- Technical Officer - Civil
- Technical Officer - Parks

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 REPORT NUMBER: 18CF0014 JL:hd
 SUBJECT: REVIEW OF EAST POINT RESERVE BIODIVERSITY MANAGEMENT PLAN

POLICY IMPLICATIONS

This report is in keeping with the City of Darwin Strategic Plan Evolving Darwin Towards 2020. Outcome 3.3 states Council will 'conserve and protect the Darwin environment'.

This report also addresses actions under the Climate Change Action Plan 2011-2020:

- B1 Increase native endemic vegetation to ensure conservation of existing communities
- B3 Continue to revegetate East Point Recreation Reserve.

BUDGET AND RESOURCE IMPLICATIONS

The development of a new East Point Reserve Biodiversity Management Plan will be sourced from the existing Climate Change & Environment operational budget.

Additional budget or resources may be required to implement management recommendations. This will be subjected to 2019/20 budget processes.

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

There are no direct risks or legal implications associated with this report.

ENVIRONMENTAL IMPLICATIONS

A documented strategy to maintain and improve biodiversity at the reserve will deliver positive environmental outcomes.

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 REPORT NUMBER: 18CF0014 JL:hd
 SUBJECT: REVIEW OF EAST POINT RESERVE BIODIVERSITY MANAGEMENT PLAN

COUNCIL OFFICER CONFLICT OF INTEREST DECLARATION

We the Author and Approving Officers declare that we do not have a Conflict of Interest in relation to this matter.

SHENAGH GAMBLE
MANAGER CLIMATE CHANGE
AND ENVIRONMENT

GERARD ROSSE
GENERAL MANAGER CITY
FUTURES

For enquiries, please contact Shenagh Gamble on 8930 0530 or email:
s.gamble@darwin.nt.gov.au.

Attachments:

Attachment A: East Point Reserve Biodiversity 5 Year Management Plan 2014 – 2018

Attachment B: Review of East Point Reserve Biodiversity Plan 2014 - 2018

East Point Reserve Biodiversity 5 Year Management Plan 2014 – 2018

1. Introduction

East Point Reserve (the Reserve) is located on Alec Fong Lim Drive, Fannie Bay, on the most easterly point of Darwin Harbour, 6 kilometres from the Darwin CBD. The Reserve is a recreational, environmental and educational resource that aims to balance ecological, cultural and historic values, whilst providing recreation opportunities.

The site covers almost 200 hectares of land, 30 hectares which is maintained as natural forest as well as the large recreational Lake Alexander. The management and control of the Reserve was passed to the City of Darwin in 1984. Several private leases exist within the Reserve (see Figure 1: East Point Reserve vegetation type and leased areas).

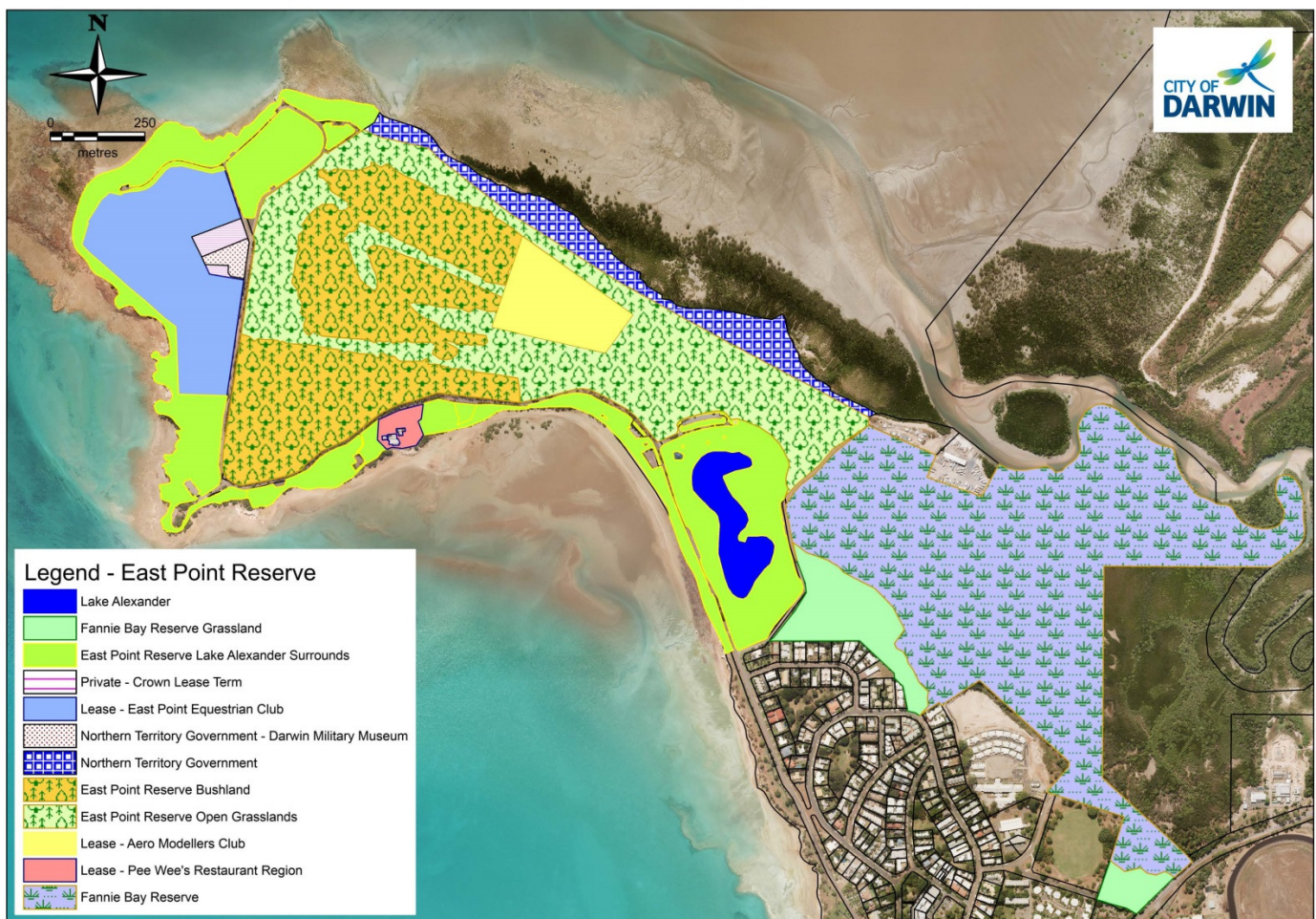


Figure 1: East Point Reserve vegetation type and leased areas.

The Reserve has significant environmental value as it provides habitat for vulnerable fauna species identified by the Northern Territory's *Territory Parks and Wildlife Conservation Act 2000* such as the Mitchell's Water Monitor (*Varanus mitchelli*) and Floodplain Monitor (*Varanus panoptes*). The Reserve also forms part of the larger *Darwin Harbour Site of Conservation Significance* (SOCS). SOCs are sites that have been identified by the Northern Territory's Department of Land Resource Management as containing important biodiversity values which should be protected.

The central location of the Reserve means it is regularly used by residents and tourists. However its location has also led to its isolation and fragmentation from the few remaining dry monsoon rainforest vegetation in Darwin. Where once the Reserve was covered almost entirely by dry monsoon rainforest, it is estimated cover stands as 20% today.¹

City of Darwin recognises the importance of biodiversity, as well as the role East Point Reserve plays in providing habitat for fauna across Darwin, as demonstrated in its *Strategic Plan Evolving Darwin Towards 2020*. Outcome 3 in Goal 3 An environmentally sustainable city states Council will 'conserve and protect the Darwin environment'. Council further recognises the importance of biodiversity in its *Climate Change Action Plan 2011-2020* under actions:

B1 Increase native endemic vegetation to ensure conservation of existing communities

B3 Continue to revegetate East Point Recreation.

2. Management Actions

The East Point Reserve Biodiversity 5 Year Management Plan (the Plan) provides Council with the direction required to meet its goals and outcomes as stated above in *Strategic Plan Evolving Darwin Towards 2020* and *Climate Change Action Plan 2011-2020*.

To support the development of the Plan, City of Darwin in 2013 commissioned EcOz Environmental Services (EcOz) to undertake a biodiversity survey of the Reserve, focusing on the dry monsoon forest (highlighted in Figure 2: Vegetation complexes and survey areas as Dense Monsoon Forest, Mid-dense Monsoon Forest and Dense Advanced Monsoon Forest Revegetation). Baseline fauna, flora and habitat surveys were conducted comprising of a desktop study and two field surveys (wet and dry season). Wallaby counts were also undertaken. Figure 2 shows the survey sites.

EcOz identified 79 native flora species from 40 different families within the Reserve, with surveyed sites averaging 20 – 27 species per site. This is greater than the surveyed mean number of species within dry monsoon forest in Northern Australia of 52 species.² 229 fauna species were also identified during both desktop and field surveys as inhabiting the Reserve. Of these, 49 were vertebrate fauna species, which is considered ecologically significant in such an isolated area.³

EcOz provided a suite of recommendations for future biodiversity management in the Reserve, many which have been incorporated into this Plan through the Actions. For more information, see the full report *East Point Biodiversity Assessment, 2013* (common number 2415691).

The Plan outlines a suite of management actions jointly developed by the Parks & Recreation and Climate Change & Environment departments which guide future management of East Point Reserve to year 2018. The actions are outlined below.

Action 1 – Undertake an annual wet season biodiversity survey.

An annual biodiversity survey will be undertaken to monitor ecosystem changes and revegetation success. The survey will be undertaken during the wet season as survey results are more comprehensive during this period in comparison to the dry. Survey methods and key indicators will be replicated from the 2013 EcOz survey. The data collected in these surveys will identify the health of the ecosystem, as well as provide information required for the success of the implementation of existing and future management actions.

¹ Franklin, D.C., Matthews, R., Lawes, M.J. (2010) History of the East Point monsoon forest. *Northern Territory Naturalist* 22: 2-16.

² Russell-Smith, J. (1991) Classification, species richness, and environmental relations of monsoon rain forest in Northern Australia. *Journal of Vegetation Science* 2(2).

³ Price, O., Woinarski, J.C.Z., Liddle, D.L., Russell-Smith, J. (1995) Patterns of species composition and reserve design for a fragmented estate: Monsoon rainforests in the Northern Territory Australia, *Biological Conservation* 74(1).



Figure 2: Vegetation complexes and survey areas (EcOz East Point Biodiversity Assessment, 2013).

2.1 Flora

Maintaining the diversity of the flora within the Reserve is an integral part of conserving the areas overall biodiversity richness as well as contributing to a healthy, functioning ecosystem.

Action 2 – Increase the current extent of monsoon forest strategic revegetation and reduce edge effects.

Strategic revegetation will be undertaken in key areas in particular degraded areas, or where weeds have been removed, either by physical or natural means. Reducing edge effects in turn reduces weed growth and joining corridors provides safe refuge for species such as the elusive Rainbow Pitta (*Pitta iris*).

Priority revegetation over the next 5 years is highlighted in Figure 3: Future revegetation plan. Priority revegetation areas include grassed areas such as the corridor adjacent to the Aero-modellers Club lease. However, revegetation activities will take into consideration maintaining adequate open areas for wallaby foraging. Wallaby monitoring as outlined in Action 11 will provide more information on the open area foraging habits helping to determine total area to be revegetated.



Figure 3: Future revegetation plan.

Action 3 – Continue regular vegetation management such as controlled thinning of the upper stratum tree species.

Regular controlled thinning of the upper stratum tree species, in particular pioneer species such as (*Acacia auriculiformis*), has helped to accelerate the vegetation community towards a more advanced, uneven-aged growth. This results in a more varied habitat for fauna species and allows understorey plant species to emerge. Vegetation modification such as this will continue as part of ongoing maintenance.

Action 4 – Plant Atlas Moth larvae food plants *Croton habrophyllus* and *Litsea glutinosa* in revegetation works.

Action 12 sees Council investigate the reintroduction of the Atlas Moth (*Attacus wardi*) into the Reserve. As a result, revegetation works over the next 5 years will include *Croton habrophyllus* and *Litsea glutinosa* (and other species deemed suitable) to provide suitable habitat for the Atlas Moth.

In the 2013, EcOz identified the suitability and maximum stocking rate of Atlas Moth preferred species:

'The survey identified the potential for between 498 and 994 C. habrophyllus and between 3217 and 5327 L. glutinosa plants to inhabit both the dense monsoon forest and the mid-dense monsoon forest within the East Point Reserve remnant monsoon forest. Habitat surveys determined that within East Point Reserve monsoon forest there are approximately 14.5 ha of Atlas Moth habitat, of which 2.1 ha is Highly Suitable habitat.'

Croton habrophyllus and *Litsea glutinosa* will be added to the preferred revegetation species list for the Reserve, and will feature heavily in future revegetation activities (Action 2) in order to build habitat for the Atlas Moth over the next 5 years.

Action 5 – Continue to use locally-sourced seed to propagate nursery stock for revegetation.

Council will continue to use local nurseries such as Greening Australia who propagate native plants for revegetation ensuring provenance where ever possible. Local nurseries source seed from seed collectors who gather seed stock from the Reserve.

2.1.1 Weeds

EcOz identified 15 introduced flora species during their 2013 survey (see Figure 5: Significant weed species locations within East Point Reserve). Of these, one is a Weed of National Significance (*Jatropha gossypifolia*) and two are Class B weeds in the Northern Territory (*Senna obtusifolia* and *Hyptis suaveolens*) (see Figure 4).



Figure 4: Weed of National Significance *Jatropha gossypifolia* (left), Class B *Hyptis suaveolens* (centre) and *Senna obtusifolia*⁴ (right).

Action 6 – Continued control of all weed species.

Council will continue to control the growth and spread of weed species in line with its *Weed Management Guide 2012*. Methods may include spraying and slashing of grasses including Gamba (*Andropogon gayanus*) and Mission Grass (*Pennisetum polystachion*).

Action 7 – a) Create the East Point Reserve Stakeholder Group with the intention of developing an integrated approach to biodiversity management at the Reserve including a coordinated approach to weed management.

b) Host quarterly meetings.

Although Council is responsible for managing the Reserve, lessees are expected, as part of their lease agreements to control pests and weeds and maintain the land in good condition.

Council will create the East Point Reserve Stakeholders Group which will arrange meetings involving lessees and other interested parties (Friends of East Point, Power and Water Corporation and Northern Territory Crown Land). The aim of the meetings are to open communication lines, increasing knowledge sharing and ownership, further strengthening relationships, and developing a joint, integrated approach to biodiversity management at the Reserve. Council will draft terms of reference which will be used to guide the purpose of the group. Council will coordinate the meetings, however all members can contribute to agendas.

⁴ Images sourced from Northern Territory Government Weed Management Branch, 2012.

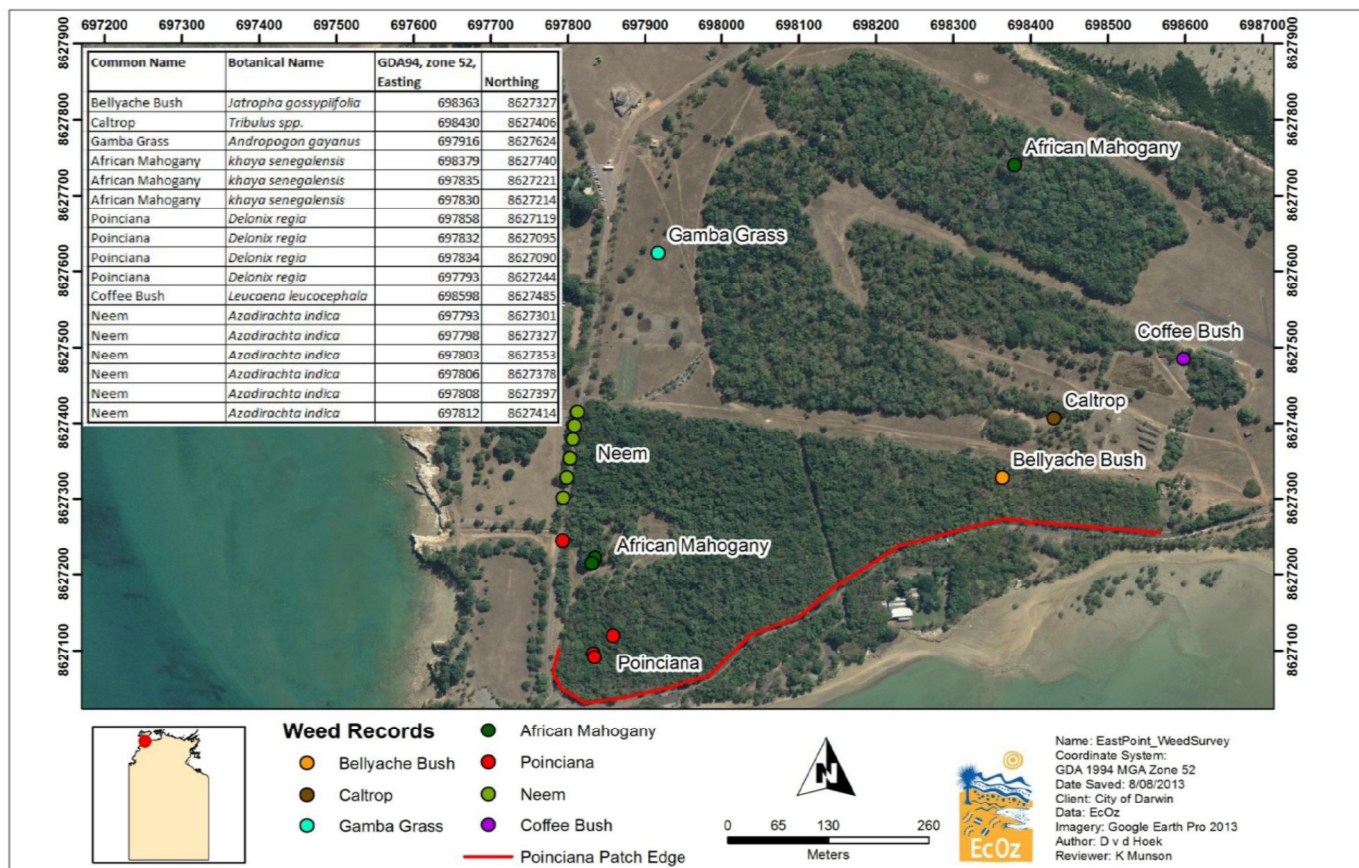


Figure 5: Significant Weed species locations within East Point Reserve (EcOz East Point Biodiversity Assessment, 2013).

2.2 Fauna

Fauna play a vital role in a healthy, functioning ecosystem. The Reserve is home to a range of fauna species including the vulnerable Floodplain Monitor (*Varanus panoptes*) and Mitchell's Water Monitor (*Varanus mitchelli*) (see Figure 6).



Figure 6: Floodplain Monitor *Varanus panoptes*⁵ (left), Mitchell's Water Monitor *Varanus mitchelli*⁶ (right).

Action 8 – Continue to support external stakeholders undertaking research at the Reserve.

Council will continue to solidify its relationships with current stakeholders such as Charles Darwin University and FrogWatch who utilise the Reserve for research purposes. Liaising with these groups to assist with data collection will not only help strengthen relationships but also provide an opportunity for knowledge and data sharing.

⁵ Image sourced from ReptileWatch, 2012.

⁶ Image sourced from Griffiths, A. *Threatened species of the Northern Territory*, Compiled by Simon Ward, 2012. Retrieved September 17 2013, from http://lrm.nt.gov.au/__data/assets/pdf_file/0020/143129/Varanus_Mitchelli_VU_FINAL.pdf

Parks & Reserves officers will continue to record reptile observations including any carcasses found. Staff will liaise with the Parks and Wildlife Commission or FrogWatch if collection of these animals for information and research purposes is desired.

2.2.1 Birds

Bird life is in abundance at the Reserve and EcOz identified 189 different species during their 2013 desktop and field surveys. The Reserve is also considered an important habitat for migratory shorebirds under the Australian Government's *Environment Protection and Biodiversity Conservation Act, 1999*.

Action 9 – Support the protection of shorebird roosting areas within and adjacent to the Reserve.

Although the land where the shorebird roosting occurs is under Northern Territory Government jurisdiction, Council will continue to support relevant stakeholders to ensure the protection of shorebird roosting areas on land within and adjacent to the Reserve.

Action 10 – Install an artificial Osprey nesting platform.

Although eight raptor species including the Eastern Osprey (*Haliaeetus cristatus*) are known to frequent the Reserve, the foreshore currently lacks any appropriate roosting or nesting areas. To encourage these birds to nest, an artificial Osprey nesting platform will be constructed within the first 12 months. If considered successful, an additional platform will be constructed to further encourage nesting.

2.2.2 Wallabies

The Reserve is home to a population of Agile Wallabies (*Macropus agilis*). A maximum count of 114 wallabies was made in May 2013 by EcOz. The surveys provide information on the stability of the population and assist in identifying the important and preferred foraging areas.

Action 11 – a) Train Council officers to undertake wallaby population surveys.

b) Undertake wallaby population surveys each month for the first quarter to allow adequate on-the-job training.

c) Continue wallaby population surveys on a quarterly basis.

Within six months, five Parks & Reserves officers will be trained to undertake wallaby population surveys, allowing Council to undertake its own surveys.

Monthly wallaby surveys will be conducted for the first twelve months creating a baseline dataset, which will build on historical data. Data will be recorded using a survey record template and will be input into a spreadsheet accessible to the Team Coordinator Parks & Reserves for reporting purposes.

After the first twelve months of monthly surveys, surveys will be conducted quarterly.

2.2.3 Atlas Moth

In their *East Point Biodiversity Assessment 2013* EcOz comments:

'The Atlas Moth (Attacus wardi) was first discovered within the Port Darwin area in 1908 at a time when large patches of monsoon rain forest and monsoon vine thicket were present, thus providing the habitat necessary to support the Atlas Moth population. Over time much of this habitat, including the plant species that the Atlas Moth larvae depend on for a food source, have been cleared to make way for the development. The Atlas Moth has since become extinct from the Darwin area.'

EcOz identified opportunities to reintroduce the Atlas Moth (*Attacus wardi*) (Figure 7) back into the Reserve which included the planting of larvae food plants species *Croton habrophyllus* and *Litsea glutinosa* (see Action 4 for more information on species inclusion in revegetation work).



Figure 7: Atlas Moth *Attacus wardi*⁷.

Action 12 – a) Liaise with Atlas Moth expert and breeder on appropriate timing for reintroduction of the Atlas Moth to the Reserve.

b) Reintroduce the Atlas Moth to the Reserve.

As outlined in Action 4, *Croton habrophyllus*, *Pittosporum molluccum* and *Litsea glutinosa* will be added to the preferred revegetation species list for the Reserve, and a focus will be placed on planting these species in order to build habitat for the Atlas Moth over the next five years.

Council will liaise with Atlas Moth expert and breeder Geoff Martin in raising 15-20 Atlas Moths for reintroduction and release at the Reserve. Release will occur once the larvae and host food plants have matured to a suitable age and density to support the moths through life stages.

2.2.4 Introduced Species

Feral animal numbers within the Reserve are considered low for an ecosystem in such close proximity to urbanisation (EcOz 2013) however they still pose a significant risk to the biodiversity in the Reserve. Introduced species identified during EcOz's survey included the dingo (*Canis lupus*), wild dog (*Canis familiaris*), cat (*Felis catus*), Asian house gecko (*Hemidactylus frenatus*), blind snake (*Ramphotyphlops braminus*), cane toad (*Rhinella marinus*) and the common house mice (*Mus musculus*).

Action 13 – Monitor and control introduced fauna species where appropriate.

If dingoes (*Canis lupus*) and wild dogs (*Canis familiaris*) are observed within the Reserve or in surrounding areas, trapping programs are and will continue to be implemented.

Council will continue to assist community organisations in conducting 'Toad Busts' which monitor and reduce the cane toad population (*Rhinella marinus*). Assistance will also be provided to ensure the toad fence or other population limiting regimes are maintained. Staff will ensure numbers of cane toads captured and destroyed is recorded.

⁷ Image Len Willan. and CSIRO Entomology. *Threatened species of the Northern Territory*, Compiled by Michael Braby, Colin Wilson, Simon Ward, updated 2012. Retrived September 2013, from http://lrm.nt.gov.au/__data/assets/pdf_file/0014/10904/Atlas_Moth_VU_FINAL.pdf

3. Roles and Responsibilities

The review, implementation and reporting of the East Point Biodiversity 5 Year Management Plan is the joint responsibility of the Parks & Reserves and Climate Change & Environment departments. The Team Coordinator Parks & Reserves is responsible for the implementation of actions, while the Manager Climate Change & Environment is responsible for annual reviews of the Plan, and the reporting to the Environment & Infrastructure Committee against the *Climate Change Action Plan 2011-2020*.

4. Timeframe for Management Action Implementation

East Point Reserve Biodiversity Management Plan		Start	Finish	Notes	2014				2015				2016				2017				2018			
Management Actions		Date	Date		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Action 1	a) Undertake vegetation monitoring survey	01/01/2014	31/12/2018	every 3 years																				
	b) Undertake fauna survey	01/02/2013	31/12/2018	every 2 years																				
Action 2	Increase the current extent of rainforest through strategic revegetation and reduce edge effects.	01/01/2014	31/12/2018	During wet season for revegetation success																				
Action 3	Continue regular vegetation management such as controlled thinning of the upper stratum tree species.	01/01/2014	31/12/2018	Ongoing management																				
Action 4	Plant Atlas Moth larvae food plants <i>Croton habrophyllus</i> , <i>Litsea glutinosa</i> and <i>Pitosporum molluccum</i> in revegetation works.	01/01/2014	31/12/2018	Ongoing management																				
Action 5	Continue to use locally-sourced seed to propagate nursery stock for revegetation.	01/01/2014	31/12/2018	Ongoing management																				
Action 6	Continued control of all weed species.	01/01/2014	31/12/2018	Ongoing management																				
Action 7	Host annual meetings with interested parties on integrated biodiversity management.	01/07/2015	31/12/2018	Once annually																				
Action 8	Continue to support external stakeholders undertaking research at the Reserve.	01/01/2014	31/12/2018	Ongoing as required																				
Action 9	Support the protection of shorebird roosting areas within and adjacent to the Reserve.	01/01/2014	31/12/2018	Ongoing as required																				
Action 10	Install an artificial Osprey nesting platform.	01/01/2014	30/12/2016	Install first platform																				
Action 11	Continue wallaby population surveys on a quarterly basis.	01/06/2015	31/12/2018	Ongoing on a quarterly basis																				
Action 12	a) Liaise with Atlas Moth experts on reintroduction of the Atlas Moth.	01/01/2014	31/12/2018	Define plant density requirements																				
	b) Reintroduce the Atlas Moth to the Reserve.	01/01/2014	31/12/2018	Dependant on habitat to support the population																				
Action 13	Monitor and control introduced fauna species where appropriate.	01/01/2014	31/12/2018	Ongoing as required																				

East Point Reserve Biodiversity Management Plan 2014-2018				
Management Actions		2018 Plan Review	Status	Recommendations
Action 1	Undertake Biodiversity monitoring	Full biodiversity survey assessment undertaken in 2013 as a base to start management actions.	Complete	Continue monitoring to ensure biodiversity management is creating a positive environmental benefit. Review regularity at which surveying is undertaken.
	a) Undertake vegetation monitoring survey	Baseline Survey conducted 2014, monitoring survey conducted 2017.	Complete	
	b) Undertake fauna monitoring survey	Fauna assessment conducted in 2016	Complete	
Action 2	Increase the current extent of rainforest through strategic revegetation and reduce edge effects.	Annual community planting days have been undertaken at the reserve.	Complete	Continue revegetation efforts by reviewing long-term vision for the reserve and developing a revegetation plan for not only the monsoon rainforest but for the entire reserve.
Action 3	Continue regular vegetation management such as controlled thinning of the upper stratum tree species.	This is ongoing maintenance conducted within regular duties of staff working in the reserve.	Ongoing	Continue forest management practices. Look at incorporating new research findings such as limiting the number of keystone species compared to pioneer species to promote forest health.
Action 4	Plant Atlas Moth larvae food plants <i>Croton habrophyllus</i> , <i>Litsea glutinosa</i> and <i>Pittosporum molluccum</i> in revegetation.	Atlas moth preferred plants are included in all replanting that occur at east point, numbers are often dependant on availability.	Complete	Continue using these plants as part of the suite of species used during revegetation activities.
Action 5	Continue to use locally-sourced seed to propagate nursery stock for revegetation.	Some onsite collection of seed by Council staff but due to reduced staff numbers working at east Point limited local seed collection. Suppliers are granted permission to collect seed if appropriate NTG permits are obtained and proof provided.	Ongoing	Decide if onsite nursery is useful - if not conduct regular seed collection for seed to be grown at Bishop Street nursery. Encourage local suppliers to collect seed at appropriate times to be grown for Council revegetation projects.

East Point Reserve Biodiversity Management Plan 2014-2018				
Management Actions		2018 Plan Review	Status	Recommendations
Action 6	Continued control of all weed species.	Weed reduction is undertaken by both Council staff as part of regular duties and contractors on urban bushland areas. Weed identification conducted by incidental observances by City of Darwin staff and during flora surveys conducted by consultants.	Ongoing	Continue weed reduction activities; work with leasees to develop joint weed management activities.
Action 7	Host annual meetings with interested parties on integrated biodiversity management.	After initial interested party meetings it was decided one on one liaison was more efficient in working with lessees and other stakeholders.	Incomplete	A review of engagement processes is required to ensure the community is well informed and empowered to contribute towards management of the reserve.
Action 8	Continue to support external stakeholders undertaking research at the Reserve.	A database of research undertaken at the Reserve has been developed. Requests to undertake research at the Reserve have been supported both administratively through applicable permits and operationally when possible such as identifying our new revegetation areas that can be used for research processes.	Ongoing	Reiterate to Customer experience to flag research and education activities at the permit stage. Continue liaison with CDU to assists with identifying research opportunities to collaborate on.
Action 9	Support the protection of shorebird roosting areas within and adjacent to the Reserve.	City of Darwin hosts and participates in shorebird events such as Welcome to the Waders to help promote the plight of the birds roosting in the area.	Ongoing	Continue to support vulnerable species including shorebirds where appropriate.
Action 10	Install an artificial Osprey nesting platform.	Construction of the platform was completed in early 2016	Complete	Continued monitoring of roosting activity is recommended.
Action 11	Continue wallaby population surveys on a quarterly basis.	A wallaby survey procedure has been developed and regular surveys have been conducted. The data collected indicates the reserve is home to approximately 250 wallabies.	Ongoing	Recent wallaby deaths recorded are of concern and continued monitoring of the population and deaths should be undertaken.
Action 12	a) Liaise with Atlas Moth experts on reintroduction of the Atlas Moth.	Research on the Atlas moth is limited	Ongoing	Trial Atlas moth releases are recommended in with initial release to be planned with assistance of local experts.
	b) Reintroduce the Atlas Moth to the Reserve.	Habitat has been increased	Incomplete	

East Point Reserve Biodiversity Management Plan 2014-2018				
Management Actions		2018 Plan Review	Status	Recommendations
Action 13	Monitor and control introduced fauna species where appropriate.	Cat traps have been used in the reserve at different times due to anecdotal cat sightings; however no cats have been caught. Dog traps have been installed at various times after feral dog sightings, these were aided by monitoring cameras however these identified limited canine activity and no dogs were caught. CVA and other volunteer organisations undertake Cane toad busts at various times often catching 30-50 toads in a 'bust'.	Ongoing	Cane toads are the feral species of most concern in the Reserve increased action to reduce cane toad numbers is recommended. Monitoring of feral cats and dogs is recommended though there is little scientific evidence these species are impacting the fauna within the reserve to an extensive level.

ENCL: CITY FUTURES COMMITTEE/OPEN
YES

AGENDA ITEM: 9.1.2

REVIEW OF BIKE PLAN IMPLEMENTATION PLAN

REPORT No.: 18CF0017 CR:hd COMMON No.: 2476277

DATE: 20/03/2018

Presenter: Manager City Planning, Cindy Robson

Approved: General Manager City Futures, Gerard Rosse

PURPOSE

The purpose of this report is to provide Council an updated Darwin Bike Plan - Implementation Plan 2016 – 2021 for endorsement.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies as outlined in the 'Evolving Darwin Towards 2020 Strategic Plan':-

Goal

2 Vibrant, Flexible and Tropical Lifestyle

Outcome

2.1 Improved access and connectivity

Key Strategies

2.1.1 Improve the pathway and cycle networks and encourage cycling and walking

KEY ISSUES

- The Darwin Bike Plan was developed to provide a framework for bike riding in Darwin between 2015 and 2020 and is accompanied by an Implementation Plan.
- The Darwin Bike Plan - Implementation Plan (Implementation Plan) was last reviewed in May 2016 with a new plan endorsed by Council for the period 2016 to 2021.
- Council's endorsement is sought for a draft revised Implementation Plan that has been prepared to align with the remaining two years of the current Darwin Bike Plan, 2018 - 2020. **Attachment A**
- A new implementation plan will be provided with the new Darwin Bike Plan 2020 - 2025.
- The draft revised Implementation Plan 2018 - 2020 proposes new works identified in bike hot-spot studies, completes shared path routes and removes projects that are considered pre-mature and can be reviewed in the context of the new Darwin Bike Plan.

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 REPORT NUMBER: 18CF0017 CR:hd
 SUBJECT: REVIEW OF BIKE PLAN IMPLEMENTATION PLAN

RECOMMENDATIONS

THAT it be a recommendation to Council:-

- A. THAT Report Number 18CF0017 CR:hd entitled Review of Bike Plan Implementation Plan, be received and noted.
- B. THAT Council endorse and implement the revised two year Implementation Plan 2018 – 2020 provided at **Attachment A** to Report Number 18CF0017 CR:hd entitled Review of Bike Plan Implementation Plan.
- C. THAT the \$387,000 currently allocated to the Smith Street/Daly Street intersection on-road cycle lanes be carried forward to the 2018/19 financial year and reallocated to the projects identified at **Attachment A** to Report Number 18CF0017 CR:hd entitled Review of Bike Plan Implementation Plan and that resulting budgetary implications as outlined in the report be noted during budget deliberations.

BACKGROUND

In May 2015, Council endorsed the Darwin Bike Plan 2015 – 2020, and accompanying Implementation Plan, to provide a framework for bike riding in Darwin. Delivery of the Bike Plan commenced in 2015/2016. The Implementation Plan has been periodically reviewed.

Council endorsed the current Implementation Plan in May 2016, following a review of the previous Plan. In June 2016, Council resolved to defer the upgrade of the Smith Street/Daly Street intersection to traffic signals, in which \$387,000 was allocated for the implementation of bike lanes through the intersection and continues to be held as a project specific allocation in the current Implementation Plan.

It is recommended that the current budget allocated to bike lanes through the deferred Smith Street/Daly Street signalised intersection be carried forward to the 2018/19 financial year and be incorporated into other projects, as identified in the draft revised Implementation Plan at **Attachment A**.

DISCUSSION

A summary of current, removed and rescheduled projects has been detailed in the table at **Attachment B**.

The draft revised Implementation Plan 2018 – 2020 has been aligned with the Darwin Bike Plan 2015 – 2020 as opposed to the current Implementation Plan 2016 – 2021.

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Proposed New Infrastructure Projects for Inclusion in the Implementation Plan

In 2018/19

New Sabine Road Shared Path (Tong Luck Street to McMillans Road)

This project was previously identified as a priority project for inclusion in the Implementation Plan, however Council considered other projects a higher priority and this project was not included in the current Implementation Plan. These other projects have already or will be completed in 2017/18 and hence this project is considered a priority for completion in 2018/19.

A section of shared path along Sabine Road (from Trower Road to Tong Luck Street) is programmed for construction in 2017/18 and the above mentioned section of path would complete the important connection from Trower Road to McMillans Road. This route is also identified in the Northern Territory Government's Mid-Suburbs Area Plan and provides a safe route for pedestrians and cyclists to Millner Primary School.

Addressing Outcomes from the Ross Smith Avenue Crash Hot Spots Study

This is a new project addressing the recommendations of a safety audit undertaken in 2016/17, which identified significant issues with the existing shared path in the area.

Improvements were identified in the study for the shared path located on the northern side of Ross Smith Avenue between East Point Road and Dick Ward Drive and include:

- modified crossings;
- improved lighting;
- wayfinding signage; and
- line marking.

Concept designs and costings have been prepared as part of the current Implementation Plan and detailed design would be included in the proposed implementation of this project as part of the revised plan.

New Nakara Terrace Shared Path

This project is a recommendation from the Nakara Primary Safe Routes to School Outcomes project, which was the subject of a report to Council and a resolution to refer this and other works to the 2018/19 Budget process.

Although this project has been included in a new initiative to be submitted to Council's 2018/19 budget deliberations, if the project is approved within the revised Implementation Plan, the value of this shared path may be deducted from the relevant new initiative value.

The shared path would be aligned along the verge outside of the Nakara Primary School (on the southern side of Nakara Terrace) between Nakara Place and Goodman Street. The proposed shared path will complete the route along the school

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frontage by connecting the recently completed section of shared path along Nakara Terrace.

In 2019/20

Addressing Outcomes from the Progress Drive/Dick Ward Drive Crash Hot Spots Study

This is also a new project resulting from the recommendations of a safety audit undertaken in 2016/17, which specifically identified issues with the shared path network in the area.

The study identified improvements for the shared paths located on the southern side of Progress Drive, between Frangipani Street and Nightcliff Road, and on the western side of Dick Ward Drive between Sunset Drive and Progress Drive and include:

- path realignment;
- modified crossings;
- improved lighting;
- wayfinding signage; and
- line marking.

Concept designs and costings have been prepared as part of the current Implementation Plan and detailed design would be included in the proposed implementation of this project as part of the revised plan.

Education, Encouragement and Evaluation Initiatives

Education, Encouragement and Evaluation Initiatives are developed by City of Darwin in conjunction with external agencies including; the Northern Territory Government (NTG), Bicycle Network, local business, community and cycling groups such as the NT Rogaine Association.

The current Implementation Plan is prescriptive in the events and campaigns to be delivered, some of which are scheduled through national programs such as Ride to Work Day. The draft revised Implementation Plan restructures this area of delivery to allow greater flexibility for program delivery. Going forward the below broad headings will be used:

- Education,
- Encouragement and
- Evaluation

Conclusion

It is recommended that Council adopt the revised Bike Plan Implementation Plan 2018 - 2020 at **Attachment A** to this report.

It is also recommended that the current allocation of \$387,000 for the Smith Street/Daly Street on-road cycle lanes project be carried forward to 2018/19 and reallocated to the proposed projects in **Attachment A**.

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CONSULTATION PROCESS

In preparing this report, the following City of Darwin officers were consulted:

- Bike Plan Project Officer
- Manager Design, Development & Projects
- Civil Engineering Officer
- Manager – Climate Change & Environment
- Recreation & Healthy Lifestyles Coordinator
- Planning Officer

POLICY IMPLICATIONS

The projects recommended for the revised Implementation Plan are in line with the objectives of the Darwin Bike Plan of providing connectivity and addressing identified bike accident “hot-spots”.

BUDGET AND RESOURCE IMPLICATIONS

The budgets included in the draft revised Implementation Plan are in line with the current Long Term Capital Works Plan, with the addition of \$387,000 which is proposed to be carried forward from the 2017/18 budget for shared paths.

New Nakara Terrace Shared Path

This project is a recommendation from the Nakara Primary Safe Routes to School Outcomes project, which was the subject of a report to Council and a resolution to refer this and other works to the 2018/19 Budget process. Although this project has been included in a new initiative to be submitted to Council’s 2018/19 budget deliberations, if the project is approved within the revised Implementation Plan, the portion of the value relating to this shared path (\$100K) may be deducted from the relevant new initiative value (\$130k) which includes additional works in additional works to the shared path.

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

The safety of bicycle riders travelling along routes within the municipality is improved through the provision of on and off-road cycling facilities. The increased safety and connectivity of the cycle network promotes cycling as an alternative and viable mode of transport.

ENVIRONMENTAL IMPLICATIONS

Supporting alternative modes of transport to the motor vehicle, such as cycling, has positive environmental implications.

Continuous improvement to the City of Darwin’s shared path network provides improved access and connectivity for the community.

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COUNCIL OFFICER CONFLICT OF INTEREST DECLARATION

We the Author and Approving Officers declare that we do not have a Conflict of Interest in relation to this matter.

CINDY ROBSON
MANAGER CITY PLANNING

GERARD ROSSE
GENERAL MANAGER CITY
FUTURES

For enquiries, please contact Cindy Robson on 8930 0528 or email:
c.robson@darwin.nt.gov.au.

Attachments:

Attachment A: Revised Implementation Plan 2018 - 2020

Attachment B: Summary of status of current Implementation Plan

DARWIN BIKE PLAN IMPLEMENTATION PLAN

YEAR	2018/19
<i>LTCWP Allocation</i>	\$ 577,817
<i>2017/18 Carry-Forward</i>	\$ 387,000
TOTAL ALLOCATION	\$ 964,817

Infrastructure Projects

Project	Details	Construction Cost
Parer Drive (Stage 2)	Malay Road to Lee Point Road Remove existing footpath on southern side and replace with 2.5m wide shared path	\$ 220,000
Sabine Road (Stage 1)	Tong Luck Street to McMillans Road Remove existing footpath on western side and replace with 2.5m wide shared path	\$ 110,000
Nakara Terrace	Nakara Place to Goodman Street Remove existing footpath on southern side (outside of Nakara Primary School) and replace with a shared path	\$ 100,000
East Point Road	Trailer Boat Club to Ross Smith Avenue Demolish existing asphalt, prepare and regrade surface and place seal and asphalt	\$ 160,000
Ross Smith Avenue Crash Hot Spots	East Point Road to Dick Ward Drive Design and implement findings from Crash Hotspot Study	\$ 319,817
Total		\$ 909,817

Complementary Facilities

	Details	Indicative Order of Costs
Shared Path Wayfinding and Signage	Design scheme and implement Stage 1 of signage	\$ 20,000
Total		\$ 20,000

Education, Encouragement and Evaluation Initiatives

		Lead Agency/Partners	Indicative Contribution from City of Darwin
Education	e.g. Share the Road, Ride to the Markets, Road Safety	Northern Territory Government, City of Darwin, Markets, Bicycle Groups	\$ 17,500
Encouragement	e.g. Ride to Work, Womens Cycling events	City of Darwin, Bicycle Network, Northern Territory Government	\$ 7,500
Evaluation	Super Tuesday & Super Sunday	City of Darwin, Bicycle Network	\$ 10,000
Total			\$ 35,000

DARWIN BIKE PLAN IMPLEMENTATION PLAN

YEAR **2019/20**

LTCWP Allocation **\$ 575,258**

Infrastructure Projects

Project	Details	Construction Cost	
Dick Ward Drive & Progress Drive Crash Hot Spots	Design and implement findings from Crash Hotspot Study	\$	500,258
Total		\$	500,258

Complementary Facilities

	Details	Indicative Order of Costs	
Shared Path Wayfinding and Signage	Implement Stage 2 of signage	\$	20,000
Total		\$	20,000

Education, Encouragement and Evaluation Initiatives

		Lead Agency/Partners	Indicative Contribution from City of Darwin	
Education	e.g. Share the Road, Ride to the Markets, Road Safety	City of Darwin, Markets, Northern Territory Government, Bicycle Groups	\$	16,500
Encouragement	e.g. Ride to Work, Womens Cycling Events, Bike Festival	City of Darwin, Bicycle Network, Northern Territory Government	\$	27,500
Evaluation	Super Tuesday & Super Sunday	City of Darwin, Bicycle Network	\$	11,000
Total			\$	55,000

Darwin Bike Plan Implementation Plan Infrastructure Summary

Original Project	Project	Summary of Changes
Daly Street (Stages 1-4)	To be removed from the current implementation plan Budget to be incorporated into other projects	It is recommended that these projects be removed from the current implementation plan until such time that a decision is made to provide bicycle facilities throughout the Darwin Central Business District (CBD). There are currently no bicycle connections in the CBD, apart from the shared path through Bicentennial Park. Darwin CBD connections will be investigated as part of the Darwin Bike Plan 2015 – 2020.
Dinah Beach Road	To be removed from the current implementation plan	It is recommended that this project be removed from the current implementation plan. The design for the proposed Dinah Beach Road upgrade is expected to be modified due to future works in the immediate vicinity, which includes the construction of Barneson Boulevard. Future road designs will consider and implement bike facilities as part of the upgrade project.
Sabine Road (Stage 2)	Design of the shared path is being finalised and tender documents are being prepared.	Refers to the section on the western side of Sabine Road between Trower Road and Tong Luck Street. This project is due to be completed by June 30, 2018.
Parer Drive (Stage 1)	Commenced	The shared path is currently under construction on the southern side of Parer Drive, between Trower Road and Malay Road.

Year 1 – 2018/19		
Sabine Road (Stage 1)	New Project	<p>This project was included within the 2016/17 financial year revised implementation plan. However, the project was inadvertently removed from the implementation plan when Council prioritised works for the financial year.</p> <p>Stage 2 of the Sabine Road bike path (from Trower Road and Tong Luck Street) will be completed this financial year. Stage 1 from Tong Luck Street to McMillans Road needs to be considered to connect Trower Road to McMillans Road.</p>
Nakara Terrace	New Project	This is a new project and provides a shared path outside the Nakara Primary School (southern side) between Nakara Place and Goodman Street. This is a result of one of the outcomes of a Safe Routes to School assessment and the proposed shared path will complete the route along the School frontage by connecting into a section of shared path recently completed along Nakara Terrace.
East Point Road	Rescheduled	This project was scheduled for the 2020/21 financial year of the current implementation plan. The project is being brought forward to replace a section of asphalt on the shared path between the Trailer Boat Club entrance and Ross Smith Avenue which is in poor condition, severely cracked and requires immediate attention.
Ross Smith Avenue Crash Hot Spots	New Project	<p>A safety audit of the section between East Point Road and Ross Smith Avenue was undertaken in 2016/17. The resulting concept design and costing of the recommends has been completed.</p> <p>It is proposed that the next step-the detailed design and implementation of the outcomes of the completed study, be included as a project in the revised plan in 2018/19.</p>
Parer Drive (Stage 2)		This is as per the current Bike Implementation Plan in 2018/19. This project will complete the shared path along the southern side of Parer Drive from Malay Road to Lee Point Road
Year 2 – 2019/20		
Progress Drive / Dick Ward Drive Crash Hot Spot Study	This is a new project and designs and implements the works identified in the study undertaken in 2016/17.	The current project, a study of deficiencies in the vicinity of this intersection and concept design and costing of the recommended actions has been completed. It is proposed that the next step, the detailed design and implementation of the outcomes of the completed study, be included as a project in 2019/20.

ENCL: CITY FUTURES COMMITTEE/OPEN
YES

AGENDA ITEM: 9.1.3

COASTAL AND MARINE MANAGEMENT STRATEGY - DISCUSSION PAPER

REPORT No.: 18CF0020 SG:nt **COMMON No.:** 375173

DATE: 20/03/2018

Presenter: Manager Climate Change & Environment, Shenagh Gamble

Approved: General Manager City Futures, Gerard Rosse

PURPOSE

The purpose of this report is to seek endorsement of a draft submission on the Northern Territory Coastal and Marine Management Discussion Paper.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies as outlined in the 'Evolving Darwin Towards 2020 Strategic Plan':-

Goal

3 Environmentally Sustainable City

Outcome

3.3 Conserve and protect the Darwin environment

Key Strategies

3.3.2 Increase biodiversity richness and abundance across Darwin

KEY ISSUES

- The Northern Territory Government is developing a Coastal and Marine Management Strategy
- A discussion paper has been released as part of the consultation process
- This report provides feedback on the discussion paper in the form of a submission document.
- The goal, objectives and outcomes stated in the discussion paper are broadly in keeping with a number of council policies.

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 REPORT NUMBER: 18CF0020 SG:nt
 SUBJECT: COASTAL AND MARINE MANAGEMENT STRATEGY - DISCUSSION PAPER

RECOMMENDATIONS

THAT the Committee resolve under delegated authority:-

- A. THAT Report Number 18CF0020 SG:nt entitled Coastal And Marine Management - Discussion Paper, be received and noted.
- B. THAT Council endorse the draft City of Darwin submission to the Northern Territory Coastal and Marine Management Discussion Paper provided at **Attachment A** to Report Number 18CF0020 SG:nt entitled Coastal And Marine Management Strategy - Discussion Paper

BACKGROUND

On 24 January 2018 the Northern Territory Department of Environment and Natural Resources (DENR) released the Northern Territory Coastal and Marine Management Discussion Paper.

The Discussion Paper is available online

https://denr.nt.gov.au/_data/assets/pdf_file/0005/475952/Coastal-and-Marine-Management-Discussion-Paper_LR.pdf

DISCUSSION

The NTG is developing a Coastal and Marine Management Strategy. This Strategy will provide guidance and clarity to stakeholders, setting 10-year direction for the management of the coastal and marine environments of the Northern Territory. A discussion paper has been developed as part of a consultation process.

The NTG is inviting comments from stakeholders, focusing around 11 discussion points (below). The goal, objectives and outcomes stated are broadly in keeping with a number of council policies, including Environment, Tourism, and Recreation and Healthy Lifestyles. Comments provided in the submission address the discussion points and reflect Council policies.

Discussion Points:

1. What do you value most about our coasts and seas?
2. Are there any other environmental, social, cultural and economic values and benefits do we need to consider when developing the Strategy?
3. What are the major opportunities to protect and sustainably develop our coast and seas?
4. Do these challenges reflect the key issues in our coasts and seas?
5. Is the goal appropriate and reflective of the NT needs?
6. Are the management principles relevant and appropriate? Is their purpose clear?
7. Are these objectives appropriate and reflective of the key issues?
8. Do these outcomes reflect what you would expect to see in the Strategy?
9. Are there additional outcomes you think should be included in the Strategy?

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 SUBJECT: COASTAL AND MARINE MANAGEMENT STRATEGY - DISCUSSION PAPER

10. What kind of partnership arrangements do you think could support the implementation of the Coastal and Marine Management Strategy?

11. What is the best way for the community and industry to be involved in management and decision making of our coasts and seas?

While the closing date for public submissions (2 March 2018) has passed, a draft submission **Attachment A** has been provided to DENR for preliminary consideration. This draft submission will be considered confidential until endorsed by the Committee.

CONSULTATION PROCESS

In preparing this report, the following City of Darwin officers were consulted:

- Senior Managers

POLICY IMPLICATIONS

CoD Policy No. 006 – Environment

The City of Darwin is committed to lead and advocate for sustainability and the protection of our environment. Council values biodiversity, the natural environment and the green open spaces that all contribute to the tropical lifestyle of this capital city. Council will strive to continually improve on its environmental performance and to foster a culture of environmental awareness and sustainability among its staff and the community.

City of Darwin Policy No. 013 – Tourism

Council will:

- *work closely with government, community organisations and private enterprise in all aspects of tourist development;...*
- *support the preservation of significant historic sites/items and endeavour to ensure that where environmental, historic or cultural areas exist, these areas will be adequately protected in relation to development or usage;*
- *support the development of national parks, conservation areas and recognise items of heritage significance;*
- *support the development of appropriate scenic drives, walking and riding trails; ...*

CoD Policy No. 045 – Recreation and Healthy Lifestyle:

City of Darwin is committed to supporting the health and wellbeing of residents through the provision of community spaces, facilities, programs and healthy food choices that encourage healthy lifestyle behaviour, connect the community, and celebrate Darwin's unique tropical outdoor lifestyle.

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 SUBJECT: COASTAL AND MARINE MANAGEMENT STRATEGY - DISCUSSION PAPER

BUDGET AND RESOURCE IMPLICATIONS

Nil

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

Nil

ENVIRONMENTAL IMPLICATIONS

One of the key objectives in developing a Coastal and Marine Management Strategy is to meet principles Ecologically Sustainably Development.

COUNCIL OFFICER CONFLICT OF INTEREST DECLARATION

We the Author and Approving Officers declare that we do not have a Conflict of Interest in relation to this matter.

SHENAGH GAMBLE
MANAGER CLIMATE CHANGE &
ENVIRONMENT

GERARD ROSSE
GENERAL MANAGER CITY
FUTURES

For enquiries, please contact Shenagh Gamble on 89300530 or email: s.gamble@darwin.nt.gov.au.

Attachments:

Attachment A: *Draft City of Darwin Submission on Northern Territory Coastal and Marine Management Discussion Paper*

Northern Territory Coastal and Marine Management Discussion Paper

City of Darwin (CoD) welcomes the opportunity to provide a response to the Northern Territory Coastal and Marine Management Discussion Paper. The following response was prepared by officers and will be presented to the City of Darwin City Futures Committee on Tuesday 20 March 2018. This response should be taken as confidential until endorsed by the Committee.

The vision of Council is for Darwin to be a *tropical liveable city*. We value our natural environment, our history and culture, our outdoor lifestyle and close relationship with the ocean and coast. Our strategic vision and a number of Council policies directly align with the goals and objectives of the Coastal and Marine Management Strategy, as highlighted below.

City of Darwin is committed to lead and advocate for sustainability and the protection of our environment. Council values biodiversity, the natural environment and the green open spaces that all contribute to the tropical lifestyle of this capital city. Council will strive to continually improve on its environmental performance and to foster a culture of environmental awareness and sustainability among its staff and the community¹.

City of Darwin is committed to supporting the health and wellbeing of residents through the provision of community spaces, facilities, programs and healthy food choices that encourage healthy lifestyle behaviour, connect the community, and celebrate Darwin's unique tropical outdoor lifestyle².

Council will:

- work closely with government, community organisations and private enterprise in all aspects of tourist development;...
- support the preservation of significant historic sites/items and endeavour to ensure that where environmental, historic or cultural areas exist, these areas will be adequately protected in relation to development or usage;
- support the development of national parks, conservation areas and recognise items of heritage significance;
- support the development of appropriate scenic drives, walking and riding trails; ...

Comments contained below address the discussion questions posed in the paper and how these impact on the community, local government in general and CoD in particular³.

¹ City of Darwin Policy No. 006 - Environment

² City of Darwin Policy No. 045 – Recreation and Healthy Lifestyles

³ City of Darwin Policy No. 013 – Tourism

1. What do you value most about our coasts and seas?

Amenity

City of Darwin benefits from an accessible coast and harbour. The community amenity provided by the coastal lifestyle contributes significantly to the Darwin community. Despite the restrictions on swimming in our ocean, the community benefits greatly from the range of recreation opportunities that are provided by this coastal lifestyle.

Our oceans are a significant food source for much of the Darwin community. Traditional, recreational and commercial fishing and other food harvesting opportunities should continue to be made available in an equitable manner across the community.

Tourism and Trade

As a coastal city, CoD benefits from tourism that is dependent on the ocean, harbour and port. International cruise ships contribute significantly to the economy of the Darwin CBD. The harbour and port provide significant opportunity for trade, both interstate and international.

Large and complex natural environment

Being a coastal community has many environmental benefits, including the cooling breezes and seasonable weather. As new and existing suburbs develop, these benefits should be harnessed wherever possible.

The Darwin Harbour is large, more than six times larger than Sydney Harbour. This provides great opportunity for natural systems and processes to continue despite the ever increasing pressure of the active port. The biodiversity and natural functions of Darwin Harbour should be preserved as a high priority.

2. Are there any other environmental, social, cultural and economic values and benefits do we need to consider when developing the Strategy?

Wherever possible NTG should strive to record history of the harbour, particularly capturing ancient trade routes from traditional owners and other traders' perspective. Military and migration history should also be conserved wherever possible.

Economically, Darwin's port is the closest trading port to South East Asia, the third largest cruise terminal in Australia and a second home/port to the largest number of defence fleet of Australian and International ships.

We need to recognise the varied function of the Harbour, including transport. It is also important to acknowledge that recreation opportunities are not limited to fishing. A number of people live on the harbour, including in houseboats.

Mangroves function for carbon storage and coastline protection especially in sea level rise scenarios. Ensure that terrestrial flora and fauna are addressed as they are also impacted by the harbour, particularly around food, shelter and seed dispersal.

Threats to marine environments include long-term management of infrastructure, jetties, boat ramps, navigational structures, and pollution impacts

3. What are the major opportunities to protect and sustainably develop our coast and seas?

We require a better understanding of our harbour and coastal areas. Our harbour is not 'pristine' as it is a working harbour. More research is required on blue carbon and the impacts of development on coastal processes including impacts of pollutants, impacts of severe weather events especially on food sources for marine species. Improved and better enforcement of environmental conditions on industry and development in and around harbour, including what is being poured down stormwater drains. Improved and better enforcement of restrictions for commercial and recreational fishing will help to identify and reduce illegal fishing practices.

NTG should be open and responsive to innovation in clean (renewable) energy opportunities. This will have the added benefit of mitigating carbon emissions. This should be coupled with serious adaptation measures to prepare for the inevitable changes to our climate, including but not limited to sea level rise and warming sea temperatures. City of Darwin has invested in significant adaptation measures such as sea walls at the Nightcliff Foreshore.

Crucial to capturing these opportunities is the creation of partnerships. Given our proximity to Asia and the fact we share our oceans with our northern neighbours we have great opportunities for international development and a chance to become world leaders in tropical ocean management

4. Do these challenges reflect the key issues in our coasts and seas?

The challenges address some of the key issues in our coasts and seas. Council emphasises the threats to historic sites and community infrastructure (including boat ramps) as a result of climate change and sea level rise. Sea level rise is greater in Darwin than in other parts of Australia and is estimated to be around 14mm annually. Changes in rainfall may result in more intense run off through our stormwater system and direct sheet flow. This needs to be considered in the Strategy.

5. Is the goal appropriate and reflective of the NT needs?

While the goal is sufficient it would be enhanced with a reference to resilience. As a relatively undeveloped area that is rapidly changing, the ability of our coastal and marine environments to withstand and, hopefully, thrive into the future will hinge on resilience.

6. Are the management principles relevant and appropriate? Is their purpose clear?

The guiding principles are relevant and appropriate, however will benefit from a clear commitment to ecological sustainable development (ESD), including definition of the principles of ESD. City of Darwin recommends at a minimum a commitment to:

- the precautionary principle.
- the principle of intergenerational equity.
- conservation of biological diversity and ecological integrity.
- improved valuation, pricing and incentive mechanisms such as the “polluter pays” principle.

7. Are these objectives appropriate and reflective of the key issues?

The objectives reflect key issues; however as previously mentioned there should be a clear focus on resilience. This is in keeping with the principle of intergenerational equity, so that the actions of our current generation do not deteriorate the environs for future generations.

8. Do these outcomes reflect what you would expect to see in the Strategy?

The outcomes reflect what we would expect to see in the strategy. While they remain high level it is expected that the implementation plan will more specifically address the actions and responsible bodies.

9. Are there additional outcomes you think should be included in the Strategy?

Not at this time.

10. What kind of partnership arrangements do you think could support the implementation of the Coastal and Marine Management Strategy?

City of Darwin welcomes clear commitments, roles and responsibilities of all stakeholders. It is important to acknowledge and value the work that is already being done to capture data and protect our coastal and marine environments. Marine industry partnerships should be investigated to ensure funding for monitoring, management and clean-up activities.

11. What is the best way for the community and industry to be involved in management and decision making of our coasts and seas?

City of Darwin supports robust community consultation processes, with a broad stakeholder base. City of Darwin also supports the development of Memos of Understanding to formalise and clarify roles and responsibilities.

In conclusion

City of Darwin welcomes the development of the Coastal and Marine Management Strategy, and looks forward to participating in the development of the Implementation Plan.

OPEN SECTION

FUTURES3/10

City Futures Committee Meeting – Tuesday, 20 March 2018

9.2 OFFICERS REPORTS (RECEIVE & NOTE)

ENCL: CITY FUTURES COMMITTEE/OPEN
NO

AGENDA ITEM: 9.2.1

CITY FUTURES PROJECTS

REPORT No.: 18CF0018 BS:hd **COMMON No.:** 2481144

DATE: 20/03/2018

Presenter: Manager City Planning, Cindy Robson

Approved: General Manager City Futures, Gerard Rosse

PURPOSE

The purpose of this report is to inform the City Futures Committee of the status of significant projects being undertaken by the City Futures Department.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies as outlined in the 'Evolving Darwin Towards 2020 Strategic Plan':-

Goal

5. Effective and Responsible Governance

Outcome

5.1 Quality service

Key Strategies

5.1.1 Provide quality service outcomes by ensuring that Council's processes and systems are effective and efficient.

KEY ISSUES

- This report is to inform the City Futures Committee of the status of significant projects being undertaken by the City Futures Department.
- The City Futures Committee through this report may prioritise projects undertaken by the City Futures Department.

RECOMMENDATIONS

THAT the Committee resolve under delegated authority:

THAT Report Number 18CF0018 BS:hd entitled City Futures Projects, be received and noted.

PAGE: 2
 REPORT NUMBER: 18CF0018 BS:hd
 SUBJECT: CITY FUTURES PROJECTS

BACKGROUND

The purpose of this report is to inform the City Futures Committee of the status of significant projects being undertaken by the City Futures Department. The City Futures Committee may also prioritise projects undertaken by the City Futures Department. This report has been divided into the following service areas of the City Futures Department to be addressed by the relevant managers of each area;

- City Planning,
- Economic Development, Tourism & International Relations
- Climate Change & Environment.
- Senior Project Officer

DISCUSSION

City Planning

City Planning is responsible for the service of Statutory and Strategic Planning for City of Darwin. Projects may be initiated internally, by Council Decision or as part of Councils engagement with other government, non-government and significant stakeholders.

Projects that have been recently completed include; a methodology on the rationale behind council requirements for parking shortfalls associated with developments; options available for a wholesale review of Council's Car Parking Strategy and options available for the Bike Plan review.

The following table provides the status of current City Planning projects:

Project	Council Decision No./ Other	Status
Northern Territory Government (NTG) & City of Darwin Central Business District (CBD) car parking strategy review - update	22\0413	NTG undertaking Tender for project.
Zero or reduced front setbacks for garages and carports	21\5242	Workshop to be conducted in 2018, pending outcomes from planning scheme review.

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 SUBJECT: CITY FUTURES PROJECTS

Project	Council Decision No./ Other	Status
Car parking on the podium level	21\3135	Information report regarding activation, pollution and noise. Currently being addressed through other initiatives such as the Review of the Northern Territory Planning Scheme.
Review Bike Plan - Implementation Plan	Internal	The draft revised Implementation Plan 2018 - 2020 is included within the report presented to the City Futures Committee at this meeting, Report Number 18CF00417 CR:hd entitled Review of Bike Plan Implementation Plan
Outdoor Advertising Signs Code Review (042)	Internal	Draft discussion paper will go to the April 2018 City Futures Committee Meeting.

Economic Development, Tourism & International Relations

Economic Development, Tourism & International Relations is responsible for the strategic management of City of Darwin resources to promote economic development and strategies for City of Darwin. Projects may be initiated internally, by Council Decision or as a result of engagement with significant stakeholders.

The following table provide the status of Economic Development, Tourism & International Relations projects:

Project	Council Decision No./ Other	Status
Fannie Bay Equestrian Club (FBEC)	21\5602	A report will be prepared for Council March/April 2018. Consultation with the FBEC, Artillery Museum and NTG is ongoing.
Pay By Phone (car parking app)	Internal	PayStay went live 29 January 2018 with the take up in the technology very encouraging with exponential grow each week to 700 transactions per day and \$15,000 per week
Vibrant CBD sub-committee		The Vibrant CBD sub-committee met on Tuesday 6 March 2018 and considered a range of matters relating to the Darwin City Deal Domain Consultation & Priority Initiatives report, derelict site analysis and Street Scape Improvement Project
International Relations	Internal	Interviews are currently underway for recruitment of the International Relations Senior Project Officer

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 SUBJECT: CITY FUTURES PROJECTS

Climate Change & Environment

Climate Change and Environment is responsible for the service of environmental planning and management for City of Darwin. Projects may be initiated internally, by Council Decision or as part of implementing key strategic documents such as the Climate Change Action Plan 2011-2020, the East Point Reserve Biodiversity Plan and City of Darwin Bike Plan.

The following table provides the status of Climate Change and Environment projects:

Project	Council Decision No./ Other	Status
Energy Strategy	21\3848	Implementation plan to Council March 2018.
Energy and water data management	Climate Change Action Plan 2011-2020	Water and energy data continues to be processed.
Gardens for Wildlife	Internal	Five schools have signed up. Three schools have been assessed
Lakeside Drive Management Plan	21\4847	Draft document circulated to stakeholders for comment.
City of Darwin Bike Plan	City of Darwin Bike Plan	Ongoing. Educational initiatives being further developed.
DRAFT City of Darwin Environmental Management Plan (EMP)	21\2529	Review of Safe Work Method Statements (SWMS) and draft EMP continue to be refined prior to internal consultation.
Water Sampling	Climate Change Action Plan 2011-2020	Mid wet season sampling has been undertaken. Results are pending. Lake Alexander closed 16 February 2018 due to high enterococci.
Review and update of East Point Management Plan	East Point Biodiversity Plan	Strategic direction is being sought from Council prior to reviewing the Plan
Climate Change and Environment Grants		Climate change and environment grants launched 1 March. A grants workshop was held Tuesday 13 March.

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 SUBJECT: CITY FUTURES PROJECTS

Senior Project Officer - City Futures

The Senior Project Officer is currently conducting research into Smart Cities and is responsible for correspondence between City of Darwin, government, non-government and significant stakeholders in regard to the City Deals initiative.

Projects may be initiated internally, by Council Decision or as part of Councils engagement with other government, non-government and significant stakeholders. The following table provides the status of the Senior Project Officer's projects:

Project	Council Decision No.	Status
Smart Cities Initiatives and Research	Internal	Various items, including assessment of options to improve enterprise architecture and maximising benefits from the upcoming Switching on Darwin project. Undertaken in collaboration with other Council departments and NT government agencies.
Coordination of procurement for Switching on Darwin Project Consultant.	Internal	Technical consultant to be engaged in late March 2018
Drafting progress report to go to second ordinary on 27 March for Switching on Darwin project	22\231	In progress.
Project management for Switching on Darwin	Internal	Working on scope for Communications and Engagement Plan and developing project management plan.

In addition to the above, City Futures is actively progressing issues as they arrive, engaging with and providing advice to government, non-government, significant stakeholders and the general public.

CONSULTATION PROCESS

In preparing this report, the following City of Darwin officers were consulted:

- Manager Economic Development, Tourism & International Relations
- Manager Climate Change and Environment
- Senior Climate Change & Environment Officer
- Senior Project Officer City Futures
- Town Planner
- Planning Officer

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 SUBJECT: CITY FUTURES PROJECTS

POLICY IMPLICATIONS

Any applicable policy implications will be considered during the preparation of specific reports resulting from this report.

BUDGET AND RESOURCE IMPLICATIONS

Any applicable budget and resource implications will be considered during the preparation of specific reports detailed within this report.

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

Any applicable risk, legal, legislative implications will be considered during the preparation of specific reports detailed within this report.

ENVIRONMENTAL IMPLICATIONS

Any applicable environmental implications will be considered during the preparation of specific reports detailed within this report.

COUNCIL OFFICER CONFLICT OF INTEREST DECLARATION

We the Author and Approving Officers declare that we do not have a Conflict of Interest in relation to this matter.

CINDY ROBSON
MANAGER CITY PLANNING

GERARD ROSSE
GENERAL MANAGER CITY
FUTURES

For enquiries, please contact Cindy Robson on 8930 0528 or email:
c.robson@darwin.nt.gov.au.

OPEN SECTION

FUTURES3/12

City Futures Committee Meeting – Tuesday, 20 March 2018

10. INFORMATION ITEMS

Nil

11. QUESTIONS BY MEMBERS

12. GENERAL BUSINESS

13. CLOSURE OF MEETING

Common No. 2695131



PREVIOUS MINUTES

OPEN

**City Futures
Committee**

20 February 2018

OPEN SECTION

FUTURES02/1

CITY OF DARWIN

MINUTES OF THE CITY FUTURES COMMITTEE MEETING OF THE TWENTY-SECOND COUNCIL HELD IN COUNCIL CHAMBERS, CIVIC CENTRE, HARRY CHAN AVENUE ON TUESDAY, 20 FEBRUARY 2018 COMMENCING AT 5.30PM.

MEMBERS: Member S Cullen (Chair); Deputy Lord Mayor Member E Young; Member G Lambrinidis; Member S J Niblock.

OFFICERS: General Manager City Futures, Mr G Rosse; Manager Economic Development, Tourism & International Relations, Mr L Carroll; Manager City Planning, Ms C Robson; Executive Assistant, Ms N Tyrie; Acting Town Planner, Mr D Burrows; Planning Officer Mr B Sellers; Senior Project Officer, Michael Bruvel

APOLOGY: The Right Worshipful, The Lord Mayor, K Vatskalis

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OPEN SECTION

FUTURES02/2

9.1 OFFICERS REPORTS (ACTION REQUIRED)

9.1.1	Parap Village Master Plan
9.1.2	Car Parking Strategy
9.1.3	Darwin Bike Plan
9.1.4	Smart City Strategy.....

9.2 OFFICERS REPORTS (RECEIVE & NOTE)

9.2.1	City Futures Projects
9.2.2	Quarterly On Street - Off Street Parking Statistics - October to December 2017
9.2.3	Quarter 2 - City Futures Quarterly Performance Report 2017/18

10. INFORMATION ITEMS AND CORRESPONDENCE RECEIVED

10.1	East Point Flora Survey 2017
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11. QUESTIONS BY MEMBERS

11.1	Current status of Previous Lord Mayors Hybrid Vehicle
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12. GENERAL BUSINESS

13. CLOSURE OF MEETING

OPEN SECTION

FUTURES02/3

City Futures Committee Meeting – Tuesday, 20 February 2018

1. MEETING DECLARED OPEN

The Chair declared the meeting open at 5:29pm.

2. APOLOGIES AND LEAVE OF ABSENCE Common No. 2695036

Nil

2.2 Leave of Absence Granted

Nil

3. ELECTRONIC MEETING ATTENDANCE Common No. 2221528

3.1 Electronic Meeting Attendance Granted

Nil

4. DECLARATION OF INTEREST OF MEMBERS AND STAFF Common No. 2752228

4.1 Declaration of Interest by Member

Nil

4.2 Declaration of Interest by Staff

Nil

OPEN SECTION

FUTURES02/4

City Futures Committee Meeting – Tuesday, 20 February 2018

5. CONFIRMATION OF MINUTES OF PREVIOUS MEETING/S Common No. 1955119

5.1 Confirmation of the Previous City Futures Committee Meeting Minutes

(Niblock/Lambrinidis)

COMMITTEE'S DECISION

THAT the Committee resolve that the minutes of the previous City Futures Committee Meeting held on Tuesday, 21 November 2017, tabled by the Chair, be received and confirmed as a true and correct record of the proceedings of that meeting.

DECISION NO.22\0411 (20/02/18)

Carried



OPEN SECTION

FUTURES02/5

City Futures Committee Meeting – Tuesday, 20 February 2018

5.2 Business Arising

Nil

6. DEPUTATIONS AND BRIEFINGS

Nil

7. CONFIDENTIAL ITEMS

Common No. 1944604

Nil

OPEN SECTION

FUTURES02/6

City Futures Committee Meeting – Tuesday, 20 February 2018

8. WITHDRAWAL OF ITEMS FOR DISCUSSION

(Niblock/Cullen)

COMMITTEE'S DECISION

THAT the Committee resolve under delegated authority that all Information Items and Officers Reports to the City Futures Committee Meeting held on Tuesday, 20 February 2018 be received and considered individually.

DECISION NO.22\0412 (20/02/18)

Carried



OPEN SECTION

FUTURES02/7

City Futures Committee Meeting – Tuesday, 20 February 2018

9.1 OFFICERS REPORTS (ACTION REQUIRED)

9.1.1 Parap Village Master Plan

Report No. 18CF0011NS:hd (20/02/18) Common No. 3503560

(Niblock/Cullen)

THAT it be a recommendation to Council:-

- A. THAT Report Number 18CF0011 NS:hd entitled Parap Village Master Plan, be received and noted.
- B. THAT the Parap Village Traders Association Inc. request for \$100,000 towards the development of a Master Plan and some initial works for the Parap Village be considered in the 2018/19 budget deliberations for reasons outlined within Report Number 18CF0011 NS:hd entitled Parap Village Master Plan.
- C. THAT through the 2018/19 budget deliberations Council resolve how to proceed with the \$100,000 originally budgeted in 2015/16 for the development Urban Development Policy and Strategy.

Carried

OPEN SECTION

FUTURES02/8

City Futures Committee Meeting – Tuesday, 20 February 2018

9.1.2 Car Parking Strategy

Report No. 17CF0045DB:hd (20/02/18) Common No. 1952026

(Cullen/Lambrinidis)

COMMITTEE'S DECISION

THAT the Committee resolve under delegated authority:-

- A. THAT Report Number 17CF0045 DB:hd entitled Car Parking Strategy, be received and noted.
- B. THAT City Futures Committee note that the Northern Territory Government will be funding and preparing a 'Darwin CBD Car Parking Study' that will occur in collaboration with City of Darwin.
- C. THAT a review of the City of Darwin Parking Strategy not occur at this time until the outcomes of the Northern Territory Government 'Darwin CBD Car Parking Study' are available for consideration.
- D. THAT City Futures Committee note that officers will continue working in partnership with the Northern Territory Government on the parking study and provide an update report to the City Futures Committee on the progression of the study upon its commencement along with the provision of the draft car parking study when available.
- E. THAT once the 'Darwin CBD Car Parking Study' is completed by the Northern Territory Government, a report is prepared for the City Futures Committee recommending opportunities available for reviewing Council's Car Parking Strategy.

DECISION NO.22\0413 (20/02/18)

Carried

ACTION: MANAGER
CITY PLANNING

OPEN SECTION

FUTURES02/9

City Futures Committee Meeting – Tuesday, 20 February 2018

9.1.3 Darwin Bike Plan

Report No. 17CF0046CR:hd (20/02/18) Common No. 2476277

(Niblock/Cullen)

THAT it be a recommendation to Council:-

- A. THAT Report Number 17CF0046 CR:hd entitled Darwin Bike Plan, be received and noted.
- B. THAT allocation of funds be considered in the 2018/19 budget deliberations to undertake consultation and review of the existing plan, with the intent to prepare a bike plan for the 2020 – 2025 period, as outlined in Report Number 18CF0008 CR:hd entitled Darwin Bike Plan.

Carried



OPEN SECTION

FUTURES02/10

City Futures Committee Meeting – Tuesday, 20 February 2018

9.1.4 Smart City Strategy

Report No. 18CF0010 MB:nt (20/02/18) Common No. 3226493

(Cullen/Niblock)

THAT it be a recommendation to Council:-

- A. THAT Report Number 18CF0010 MB:nt entitled Smart City Strategy, be received and noted.
- B. THAT consideration for the preparation of a Smart City Strategy along with budgetary and resource implications outlined in Report Number 18CF0010 MB:nt be considered as part of upcoming 2018/2019 Council budget deliberations.

Carried



OPEN SECTION

FUTURES02/11

City Futures Committee Meeting – Tuesday, 20 February 2018

9.2 OFFICERS REPORTS (RECEIVE & NOTE)

9.2.1 City Futures Projects

Report No. 18CF0005 BS:hd (21/11/17) Common No. 2481144

(Cullen/Young)

COMMITTEE'S DECISION

THAT the Committee resolve under delegated authority:

THAT Report Number 18CF0005 BS:hd entitled City Futures Projects, be received and noted.

DECISION NO.22\0414 (21/11/17)

Carried

OPEN SECTION

FUTURES02/12

City Futures Committee Meeting – Tuesday, 20 February 2018

9.2.2 Quarterly On Street – Off Street Parking Statistics - October to December 2017

Report No. 18CF0009 LC:nt (21/11/17) Common No. 376351

(Cullen/Niblock)

COMMITTEE'S DECISION

THAT the Committee resolve under delegated authority:-

THAT Report Number 18CF0009 LC:nt entitled Quarterly On Street - Off Street Parking Statistics - October To December 2017, be received and noted.

DECISION NO.22\0415 (21/11/17)

Carried

OPEN SECTION

FUTURES02/13

City Futures Committee Meeting – Tuesday, 20 February 2018

9.2.3 Quarter 2 – City Futures Quarterly Performance Report 2017/18
Report No. 18CF0018 VG:je (21/11/17) Common No. 1230662

(Niblock/Lambrinidis)

COMMITTEE'S DECISION

THAT the Committee resolve under delegated authority:-

THAT Report Number 18CP0018 VG:je entitled Quarter 2 - City Futures Quarterly Performance Report 2017/18, be received and noted.

DECISION NO.22\0416 (21/11/17) Carried

OPEN SECTION

FUTURES02/14

City Futures Committee Meeting – Tuesday, 20 February 2018

10. INFORMATION ITEMS

10.1 East Point Flora Survey 2017
Document No. 3712067 (20/02/2018) Common No. 2415691

(Lambrinidis/Cullen)

COMMITTEE'S DECISION

THAT the incoming East Point Flora Survey 2017 from Ec Oz Pty Ltd Document Number 3712067, be received and noted.

DECISION NO.22\0417 (20/02/18) Carried

OPEN SECTION

FUTURES02/15

City Futures Committee Meeting – Tuesday, 20 February 2018

11. QUESTIONS BY MEMBERS

(Cullen/Young)

THAT the following Questions by Members be received and noted.

DECISION NO.22\0418 (20/02/18) Carried

11.1 Current Status of Previous Lord Mayors Hybrid Vehicle Common No.

Member S Niblock asked what had happened to the previous Lord Mayors Hybrid vehicle ?

The General Manager City Futures responded and advised the current Lord Mayor didn't require the vehicle and the recharge point was removed. He also advised through the Energy Strategy report electric and hybrid fleet options will be considered.

OPEN SECTION

FUTURES02/16

City Futures Committee Meeting – Tuesday, 20 February 2018

12. GENERAL BUSINESS

Nil

13. CLOSURE OF MEETING Common No. 2695131

(Niblock/Lambrinidis)

The meeting closed at 6:40pm.

Carried

**MEMBER S CULLEN (CHAIR) –
CITY FUTURES COMMITTEE
MEETING – TUESDAY, 20
FEBRUARY 2018**

Confirmed On: Tuesday, 20 March 2018

Chair: