

AGENDA
ENVIRONMENT ADVISORY COMMITTEE
ALICE SPRINGS TOWN COUNCIL
4:30PM, MONDAY 1 FEBRUARY 2021
COUNCIL CHAMBER - 93 TODD STREET, ALICE SPRINGS

1. WELCOME, ATTENDANCE & APOLOGIES
2. DISCLOSURE OF INTEREST
3. CORRESPONDENCE
4. UPDATES FROM THE CHAIR
5. MINUTES OF PREVIOUS MEETING
 - 5.1. [Unconfirmed Minutes of the previous meeting held 30 November 2020](#)
6. BUSINESS ARISING FROM THE PREVIOUS MEETING
 - 6.1. [EAC Terms of Reference - Acting Director Technical Services](#)
 - 6.2. [Junk Mail Report - Acting Director Technical Services](#)
7. DEPUTATION - NIL
8. LAND
 - 8.1. [Department of Environment, Parks and Water Security Report](#)
 - 8.2. [Community Garden - Alex Vaughan](#)
 - 8.3. [Feral Animals - Acting Director Technical Services](#)
9. TRANSPORT - NIL
10. ENERGY
 - 10.1. [Solar - Acting Director Technical Services](#)
11. WATER - NIL
12. WASTE & RECYCLING
 - 12.1. [Regional Waste Management Facility - Manager RWMF](#)
 - 12.2. [Recycling Initiatives - Acting Director Technical Services](#)
13. CLIMATE CHANGE STRATEGY
 - 13.1. [Climate Action Plan - Update of Actions - Acting Director Technical Services](#)
14. OTHER BUSINESS
15. NEXT MEETING

Tuesday, 6 April 2021 at 4:30pm
Council Chamber - 93 Todd Street, Alice Springs

MINUTES OF THE ENVIRONMENT ADVISORY COMMITTEE HELD MONDAY 30 NOVEMBER 2020 IN THE COUNCIL CHAMBER, 93 TODD STREET

PRESENT

Mayor Damien Ryan
 Councillor Marli Banks
 Councillor Eli Melky (Chairperson)
 Councillor Catherine Satour
 Mr Rod Cramer - Rural Area Association
 Mr John Gaynor - Dept. Environment, Park and Water Resources
 Mr Martin O'Neill - PowerWater
 Mr Peter Somerville - Dept. Infrastructure, Planning and Logistics
 Dr Kate Stevens - Land for Wildlife (*arrived 4:34 pm*)
 Mr Alex Vaughan - Arid Lands Environment Centre

OFFICERS IN ATTENDANCE

Mr Scott Allen - Director Technical Services
 Mr Takudzwa Charlie - Manager Technical Services
 Ms Charlotte Klempin - Environment Officer
 Mr Oliver Eclipse - Manager Regional Waste Management Facility
 Ms Stephanie Dominguez - Executive Assistant (Minutes)

13 th Alice Springs Town Council Environment Advisory Committee Attendance List 2020/2021						
	5 Oct 2020	30 Nov 2020	1 Feb 2021	6 Apr 2021	7 Jun 2021	TBC
Mayor Damien Ryan	✓	✓				
Councillor Marli Banks	✓	✓				
Councillor Eli Melky	✓	✓				
Councillor Catherine Satour	✓	✓				
Rod Cramer	✓	✓				
John Gaynor	✓	✓				
Kate Stevens	A	✓				
Judith Lovell	✓	A				
Martin O'Neill	A	✓				
Tierneigh Parnell	✓	--				
Peter Somerville	A	✓				
Alex Vaughan	✓	✓				

✓ Attended

✓ proxy Proxy attended in place of committee member

A Apology received

-- No attendance and no apology recorded

Not a member of the Committee at this time

The meeting opened at 4:30 pm with a quorum.

EAC 30.11.2020

5.1

1. **APOLOGIES**

Mr Robert Jennings - Chief Executive Officer
Dr Judith Lovell - Community Member

2. **DISCLOSURE OF INTEREST**

Nil

3. **CORRESPONDENCE**

Nil

4. **UPDATES FROM THE CHAIR**

Nil

5. **MINUTES OF PREVIOUS MEETING**

5.1 **Unconfirmed Minutes of the Previous Meeting held 5 October 2020**

RESOLVED:

That the minutes from the Environment Advisory Committee meeting held 5 October 2020 be confirmed as a true and correct record of the proceedings.

Moved: Councillor Satour

Seconded: John Gaynor

CARRIED

6. **BUSINESS ARISING FROM PREVIOUS MINUTES**

6.1 **Junk Mail Report - Environment Officer**

The Committee received the *Unsolicited Advertising Material Waste* Report from the Environment Officer and discussion ensued in regard to the distribution of *Junk Mail* education and stickers.

Kate Stevens entered the room at 4:34 pm

Mayor Ryan left the room at 4:38 pm

The Committee resolved the following amendment to a recommendation in the report, for a change to the content of the report:

RESOLVED:

That the report reflects the following paragraph under the heading – No Junk Mail Stickers:

*Staff recommend supplying “no junk mail” stickers **through direct mail and** at events, market stalls and venues, accompanied by education material on the website **and via mail**. This would address the waste issue immediately and locally.*

Moved: John Gaynor

Seconded: Kate Stevens

CARRIED

Action:

Environment Officer to update the report and associated financials to reflect the decisions and discussion held by the Committee in regard to supplying the “no junk mail” stickers by both direct mail and through events.

EAC 30.11.2020

6.2 DRAFT Terms of Reference - Director Technical Services

The Director Technical Services advised that the DRAFT *Terms of Reference* had been provided for the Committee's consideration and feedback. Once accepted by this Committee, the *Terms of Reference* would be tabled in a report to Council to be endorsed.

Mayor Ryan returned to the room at 4:57 pm

The Committee discussed the *responsibilities of the Committee* under the heading **Function** and whether certain points were within the authority of Council, or of this Committee.

The following amendments were suggested:

Function

The responsibilities of the Committee are to:

...

- Provide ~~feedback~~ **input** on local building design guidelines to promote environmentally sustainable design including materials selection, minimisation of energy and water consumption and recycling.

The Committee discussed points within the **Membership** heading, and **Term of Office** suggesting the following amendment:

Terms of Office

...

(d) Council may terminate the appointment of a member should the member be absent from at least three (3) consecutive meetings of the Committee without ~~leave of the Committee~~ **apology**.

...

Action:

Officers to review the Terms of Reference and present a revised version to the next Committee meeting to be endorsed.

7. DEPUTATION

Nil

EAC 30.11.2020

8. **LAND**

8.1 **Department Environment, Park and Water Resources (DEPWR) Report
Mr John Gaynor, Regional Director Southern Region**

The Committee received a verbal *Department Environment, Park and Water Resources (DEPWR)* report from John Gaynor:

John noted that due to active erosion in the area, the Lhere Mparntwe (LM) Management Committee made a request to Council's Parks Advisory Committee for Council to consider installing more bollards in the area of the Gosse Street/Sturt Terrace drain to control vehicle traffic. He mentioned that work had been done on mitigating active erosion in three priority areas; Gosse Street/Sturt Terrace, Southern side of the Stott Street Bridge, and Western side of the Tunks Road Causeway.

John reported that Aboriginal Areas Protection Authority (AAPA) had declared the entire area of the Todd River between the Gap and 300m North of Schwartz Crescent as a registered sacred site. He advised that Lhere Mparntwe Management Committee hoped to obtain an over-arching AAPA Certificate to complete the mitigation work for the areas of active erosion highlighted in the LM Management Strategy.

John advised he would provide any information on the consultation process for the *Northern Territory Government Waste Reduction Strategy*, when it comes to hand.

John noted according to the *Alice Springs Town Basin Water Availability Report*, there had been no change in regard to the level of groundwater in the Town Basin.

The Chair asked for John's report to be in writing for the next meeting.

Action:

All members reports to the Environment Advisory Committee to be made in writing for future meetings to allow questions to be prepared by the Committee.

8.2 **Community Garden - Alex Vaughan, Policy Officer**

The Committee received and noted the Community Garden report.

8.3 **Feral Animals - Environment Officer**

The Committee received and noted the *Feral Animals* report.

9. **TRANSPORT**

Nil

10. **ENERGY**

10.1 **Solar**

The Committee received and noted the *Solar* report.

11. **WATER**

Nil

EAC 30.11.2020

12. WASTE AND RECYCLING

12.1 Regional Waste Management Facility (RWMF) - Manager RWMF

The Committee received and noted the *RWMF* report.

12.2 Recycling Initiatives - Environment Officer

The Committee received and noted the *Recycling Initiatives* report.

Mayor Ryan enquired about the significant increase of Printer Cartridges and if these recycling efforts could be continually encouraged. The Environment Officer advised that local business had made deposits of printer cartridges which attributed to the sudden influx.

13. CLIMATE CHANGE STRATEGY

13.1 Climate Action Plan - Environment Officer

The Committee received and noted the *Climate Action Plan* report.

Alex Vaughn enquired about the delay in '*Establish a rolling fund for financing energy efficiency projects and renewable energy*' under item 5.1.8 of the *CAP - Action Table*. The Environment Officer reported that while the action had been a bit ambiguous, the purpose of the '*rolling fund*' was for any savings that had been made from renewable energy to be placed in a fund. A solution was being devised with the Finance department and the Environment Officer hoped this action would be completed soon.

14. OTHER BUSINESS

Nil

15. NEXT MEETING:

Monday 1 February 2021, 4:30pm
Council Chamber, Civic Centre 93 Todd Street

The meeting closed at 5:28 pm.



TERMS OF REFERENCE

Environment Advisory Committee

6.1

Committee Type

Advisory Committee

Purpose

To provide strategic advice to and make formal representation to Council in matters relating to the environmental related issues, policies and strategies in the municipality of Alice Springs

Function

The responsibilities of the Committee are to:

- Provide advice regarding priorities, strategies, initiatives and issues affecting the environmental sustainability of Alice Springs within the remit of Council.
- Provide advice to Council on current and emerging environmental issues and guidance on research and investigation needs.
- Identify campaigns to engage and educate the community on environmental and sustainability issues that impact Alice Springs and on best practice mitigating conservation strategies and practices.
- Ensure Council initiatives are in line with the strategic goals of Council.
- Provide advice on waste management, water conservation, recycling, climate impacts and renewable energy.
- Provide input on local building design guidelines to promote environmentally sustainable design including materials selection, minimisation of energy and water consumption and increased recycling.

Powers of the Committee

The Committee provides advice and makes recommendations to Council.

Membership

There shall be a maximum of eight (8) members of the Committee (each having one vote) comprising 3 Elected Members including the Mayor, and five (5) members representing the Community/General Public.

Terms of Office

- (a) A member of the Committee who is an Elected Member holds office for one (1) year from the date of appointment and a member of the Committee who is not an Elected Member holds office for two (2) years from the date of appointment.
- (b) However, a member may resign at any time within that period by giving written notice to Council's Chief Executive Officer.
- (c) Where a member who is an Elected Member ceases for any reason to be an Elected Member, the Elected Member also ceases to be a member of the Committee.
- (d) Council may terminate the appointment of a member should the member be absent from at least three (3) consecutive meetings of the Committee without apology.
- (e) Where a member who is an Elected Member ceases for any reason to be a member of the Committee, Council may fill the casual vacancy so caused with another Elected Member.
- (f) Where a member who is not an Elected Member ceases for any reason to be a member of the Committee, Council may fill casual vacancy so caused from the Community/General Public.

Chair

The position of Chair is to be held by a nominated Elected Member as determined at the August Ordinary Council Representative Elections to Committees each year.

Quorum requirements

A quorum is achieved by:

- a) Attendance by an Elected Member;
- b) Attendance by the Director Technical Services or Manager Technical Services; and
- c) Attendance by over 50% of the appointed voting members (including the Elected Members).

Meeting Frequency

The committee will meet 6 times per year.

Applicable Legislation, Council Policies and/or Guidelines

Local Government Act
Northern Territory Environment Protection Authority Act
Waste Management and Pollution Control Act
Alice Springs Town Council Strategic Plan 2018-2021

Responsible Officer

Manager Technical Services

Reporting to

Ordinary Council

<i>Adopted by Council - Date</i>		<i>Resolution #</i>	
<i>Document Owner</i>	Director Technical Services	<i>Controller</i>	Governance Unit

TO: ENVIRONMENT ADVISORY COMMITTEE – 1 FEBRUARY 2021

SUBJECT: UNSOLICITED ADVERTISING MATERIAL WASTE

AUTHOR: ENVIRONMENT OFFICER - CHARLOTTE KLEMPIN

6.2

EXECUTIVE SUMMARY

This report seeks to provide Council with a strategy to address the issue of paper waste from unsolicited advertising material.

IT IS RECOMMENDED

That Council provide residents with junk mail stickers via mail accompanied by educational material. That stickers be provided at events, and educational material provided on the Council website.

REPORT

1. BACKGROUND

Unsolicited advertising material (UAM) or 'junk mail' can have environmental impacts as it is often unwanted and therefore disposed of. This leads to a waste of paper resources, that either enter the recycling stream or landfill.

The importance of reducing waste is embedded into Council's Climate Action Plan, which identifies the need to support the community to adopt sustainable behaviours such as producing less waste. In recent years Council has actively been increasing awareness around waste via marketing campaigns during National Recycling Week, the Waste Wise Excursion Guide, community education workshops and events such as the Ecofair. There has been no targeted education around paper waste.

The Environment Advisory Committee (EAC) has been asked to recognise the issue of paper waste generated from UAM.

At the Ordinary Meeting in October 2020 members passed the following resolution:

14.2.1.(2) Letter from James Christian to Environment Advisory Committee (Agenda Item 3.1)

1. That Council explore community education options surrounding advertising waste,
2. That the community education includes the option of 'no junk mail' stickers for rate payers/residents, and
3. That Council work with the distributors of advertising to ensure they recognize the waste issue

CARRIED (21273)

The EAC on the 30 November 2020 recommended that junk mail stickers be distributed via mail, and at events. Mailed stickers are to be accompanied by educational material, which is also to be made available on the ASTC website.

UNSOLICITED ADVERTISING MATERIAL WASTE – Feb 2021

2. **DISCUSSION**

Within the Alice Spring Town Council there are no existing measures to reduce waste from UAM. The operational objective is to enable the community to reduce waste. The actions put forward by EAC members to reduce UAM can be actioned as follows;

Advertising Waste Education

Community education can occur at different scales. Implementing a community wide education program can be lengthy and requires resources. Such a program would likely require third party assistance to provide expertise on education material and campaigns. Providing education material on council's website regarding options on how to avoid 'junk mail' is an effective strategy, and one used by many councils.

Officers recommend including a section on the Alice Springs Town Council website regarding sustainable options for receiving advertising mail and avoiding paper UAM.

No Junk Mail Stickers

Providing 'no junk mail' stickers to residents is common practice across many councils. Stickers are an effective tool for stopping unsolicited mail. Under the Australian Postal Corporations Act unsolicited mail cannot be delivered to points displaying stickers or signs bearing the words 'no unaddressed advertising material'.

The stickers could be sent out to each household in Alice Springs or be provided via public service centres and events. The stickers should be accompanied by information on council's website explaining the legality around junk mail stickers. Mailed stickers should include educational material on the importance of reducing paper waste.

While posting 'no junk mail' stickers to households would reach a greater number of residents, it does raise concerns around waste as some may dispose of the stickers outright. It may be more viable and less wasteful to provide stickers at council events, market stalls and venues for a period of twelve months, where residents can choose to accept a sticker if they wish.

Officers recommend supplying "no junk mail" stickers via mail and at events, market stalls and venues, accompanied by education material on the website and postal mail. This would address the waste issue immediately and locally.

3. **POLICY IMPACTS**

As per the *Alice Springs Town Council Strategic Plan 2018 – 2021*:

Objective 3: Leadership in sustainability

- 3.1.1: Reduce Council's greenhouse emissions
- 3.1.3: Reduce Council's waste production
- 3.2.1: Educate and enable the community to reduce greenhouse emissions
- 3.2.2: Educate and enable the community with regard to waste reduction, waste management, water consumption and recycling

Objective 3 progress indicators:

Develop and implement an Alice Springs Town Council Climate Action Plan, establishing a sustainable investment framework and progressive yearly actions and targets on:

- waste reduction
- recycling

UNSOLICITED ADVERTISING MATERIAL WASTE – Feb 2021

4. FINANCIAL IMPACTS

Subject to the option chosen the budget implications are outlined as follows:

Advertising Waste Education:	There are minimal costs associated with this approach and would be covered by operational budgets.
No Junk Mail Stickers:	The estimated cost to print 20,000 stickers is \$4,191. This would be funded by the current operational budgets.

5. RISK IMPACTS

The risks associated with this report are of a reputational nature if seen to be ignoring the issue of waste from junk mail, considered important to a community member. This risk would be lessened providing 'no junk mail' stickers and education material on the website to the public.

Another risk is that Council could be seen as wasteful producing stickers for community members. That risk remains, however is reduced by providing educational material around the importance of keeping paper waste out of landfill.

6. ENVIRONMENTAL IMPACTS

The options listed in this report would each assist in achieving the environmental objectives that are contained within the Climate Action Plan.



Charlotte Klempin
ENVIRONMENT OFFICER

AGENDA ITEM 8.1

From: John Gaynor
Sent: Thursday, 14 January 2021 11:56 AM
To: Stephanie Dominguez
Cc: Charlotte Klempin
Subject: RE: Environment Advisory Committee - Updates for Circulation with meeting papers

Hi Stephanie

Please accept this as a report for the ASTC EAC on behalf of the Department of Environment, Parks and Water security.

8.1

1. I will be an apology for the February meeting.
2. The unconfirmed minutes of the meeting of 30 November state under 8.1:

"John noted that due to active erosion in the area, the Lhere Mparntwe (LM) Management Committee made a request to Council's Parks Advisory Committee for Council to consider installing more bollards in the area of the Gosse Street/Sturt Terrace drain to control vehicle traffic. **He mentioned that work had been done on mitigating** active erosion in three priority areas; Gosse Street/Sturt Terrace, Southern side of the Stott Street Bridge, and Western side of the Tunks Road Causeway."

This should read:

For noting: Following an assessment of active erosion areas in the Todd River as agreed by the Lhere Mparntwe Management Strategy (LMMS) Implementation Advisory Committee, LMMS IAG chairperson Ken Johnson made a request to Council's Parks Advisory Committee for Council to consider installing more bollards in the area of the Gosse Street/Sturt Terrace drain to control vehicle traffic. John also mentioned that work would be required to mitigate active erosion in the three priority areas; Gosse Street drain/ Todd River confluence, Southern side of the Stott Street Bridge at confluence of Stott St drain and Todd River, and Western side of the Tuncks Road Causeway. It is understood that DPIL and ASTC would work together to ascertain the nature and extent of work required to remediate existing, and mitigate future erosion in these locations.

3. **Alice Springs Town Basin:** With two small flow events in the Todd River over the Christmas new year period, ater levels in the town basin appear to have had a small recharge although the extent of that recharge wont be fully known for another month or so.
4. **Todd / Charles Rivers:** the rain and flow events have increased the regrowth of buffel grass in particular. DEPWS Weed management Unit has completed a new round of spraying buffel around the trees in the Charles River and ASCC Work Crews will follow up with slashing of collars around those trees in late January undre the guidance of DEPWS. The work of the Work Crews is being supported by Sam Edelman and KFC.

Bushfires NT will assist with an audit of fuel loads in the lower Todd south of the Gap that require treatment / retreatment with a view to establishing as a schedule of slashing and controlled burning operatons mid year.

John Gaynor
January 2021.

John Gaynor
Director of Regions
Dept.of Environment, Parks and Water Security
Arid Zone Research Institute
519 South Stuart Highway
ALICE SPRINGS NT 0870

Ph: 8951 9219
M: 0428 849 520

AGENDA ITEM 8.3

FERAL ANIMALS REPORT

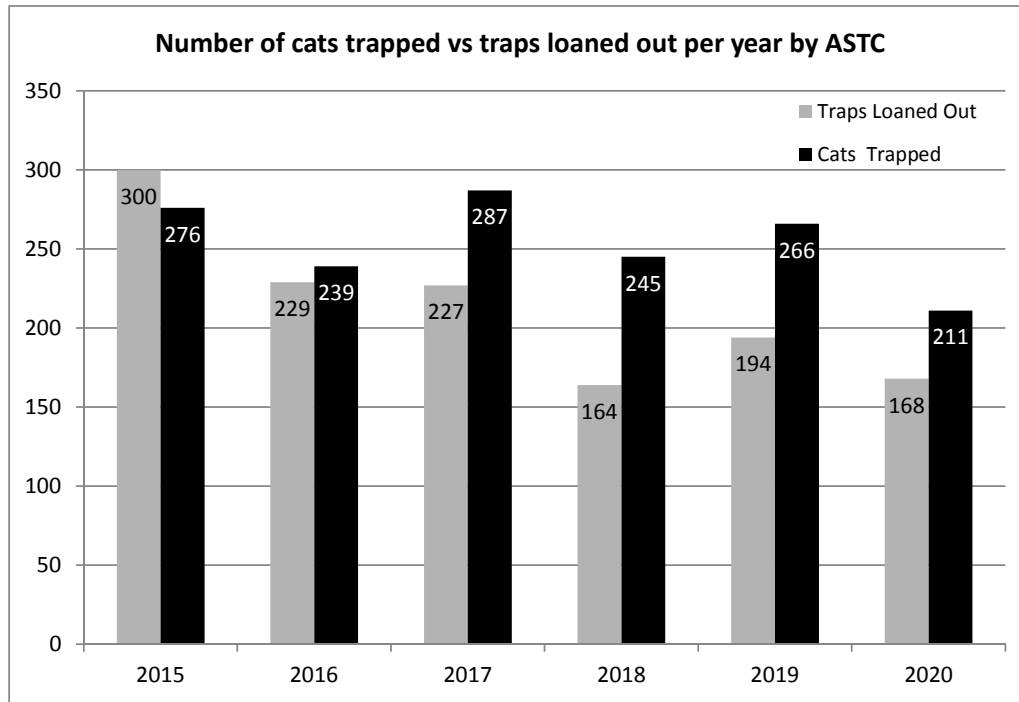


Figure 1. Number of cats trapped and traps loaned out per year by the Alice Springs Town Council.

Note: Loaning traps was suspended in late March – mid May 2020 due to COVID-19.

AGENDA ITEM 10.1

SOLAR REPORT

Council's total electricity usage and solar production to date compared to the previous financial year.

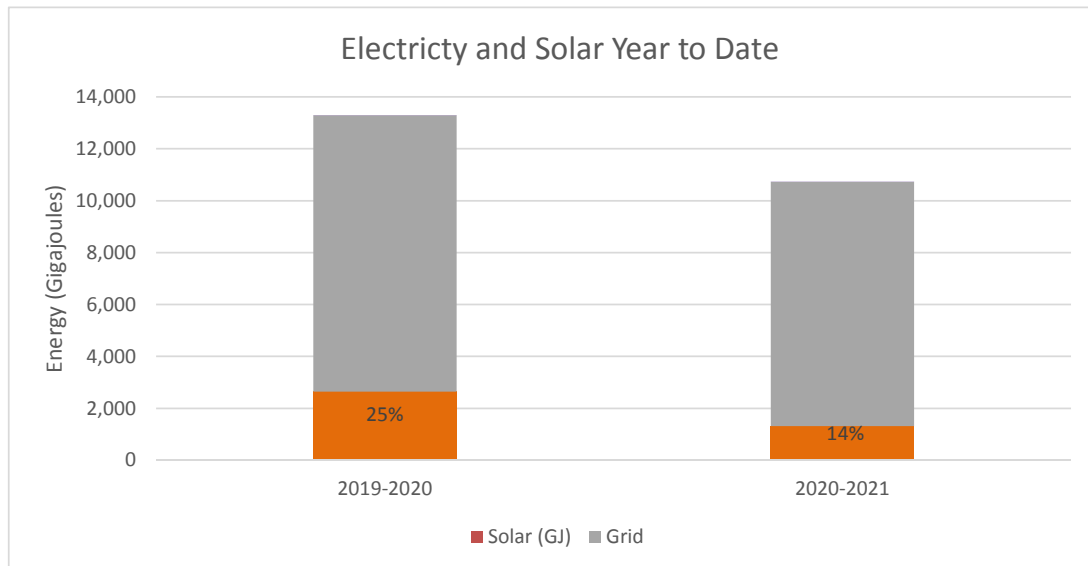


Figure 4. Council's total energy consumption and solar generation comparing FY20 to FY21.

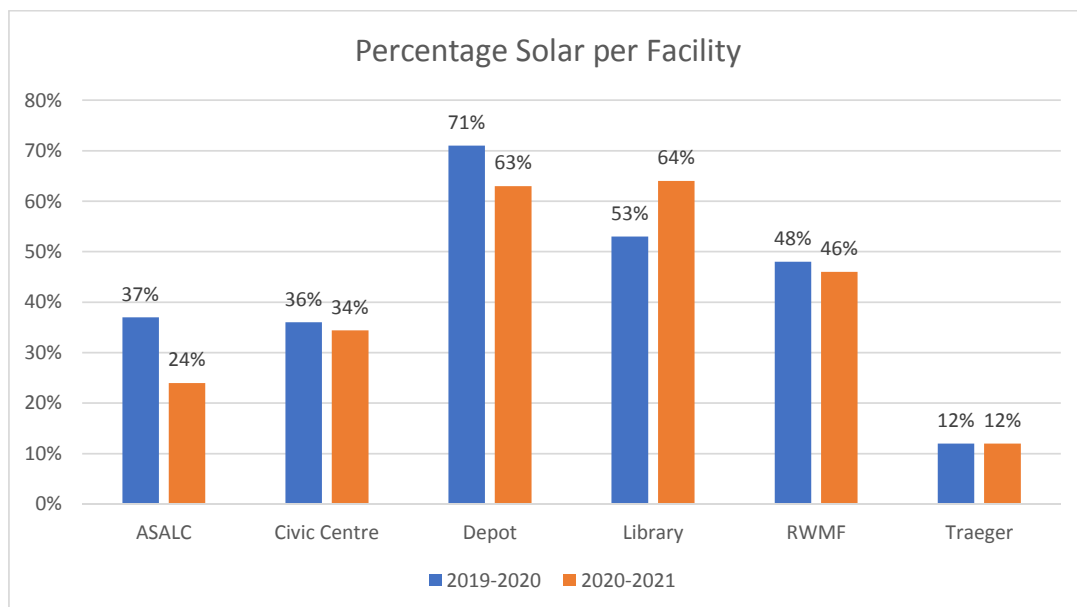


Figure 5. Solar production per quarter at six council facilities comparing FY20 to FY21.

10.1

AGENDA ITEM 12.1

REGIONAL WASTE MANAGEMENT FACILITY REPORT

Total Waste: Total Waste **MINUS** clean fill collected at the Regional Waste Management Facility (RWMF) for July 2020 to Dec 2020 was 21,472.66 tonnes. In July 2019 to Dec 2019 17,056.82 tonnes of waste was collected.

Total Recycled: Total Recycled material for July 2020 to Dec 2020 period was 2,325.61 tonnes, compared to 8,260.35 tonnes from July 2019 to Dec 2019.

Percentage Recycled: Total percentage of materials recycled between July 2020 and Dec 2020 is 10.83%. In July 2019 to Dec 2019 48.4% was recycled.

	July 2019- December 2019		July 2020- December 2020	
	Tonnes IN	Tonnes OUT	Tonnes IN	Tonnes OUT
Animal Carcass	5.49		8.25	0.00
Asbestos	314.39		335.64	0.00
Building Material		49.16	0.00	76.13
Cardboard & Paper	289.31	120.64	195.10	152.12
Chemicals			0.14	6.50
Clean Fill	8779.24	2463.34	4315.79	693.72
Concrete	1254.74	3472.20	1440.81	587.66
Container Deposit		22.53	0.00	13.48
Council Supported			0.00	0.00
Demolition Materials	2402.04		8854.35	0.00
Domestic Bins	3442.78		3306.06	0.00
Drop off Zone* (Shop)		61.14	0.00	83.32
Electronic waste	48.92	13.52	71.89	14.53
FOGO			4.60	10.64
Glass **	59.34	59.62	61.11	125.39
Green Waste	1079.26	186.68	1026.54	277.88
Household Goods		42.80	0.00	33.09
Liquid Waste	550.37		431.64	0.00
Mattresses	90.98		79.85	0.00
Metals ***	252.77	786.54	168.99	224.09
Mixed Waste ****	6876.11		5296.17	0.00
Timber & Pallets	381.20	981.06	180.88	26.08
Tyres	9.12	0.32	10.64	0.98
Total	25836.06	8260.35	25788.45	2325.61
Total minus clean	17056.82		21472.66	0.00
Percentage recycled		48.4%	0.00	10.83%

***PLEASE NOTE:** The high recycling percentage in 2019 was largely due to the concrete being recycled and delivered to the Ilparpa Road project.

Key:

- * Drop off Zone – Goods dropped off by the Public at the Rediscovery Shop
- ** Glass categories
- *** Metal categories - include other categories (e.g. whitegoods etc.)
- **** Mixed Waste - includes other categories (e.g. confidential burial; food surrender; transfer station, general waste; street clean
- ***** Timber & Pallets includes other categories (e.g. Firewood)
- ***** Building Material includes other categories (e.g. Salvaging)

Cardboard:

<i>Year to Date</i>	<i>Total Cardboard</i>
July 2020 to Dec 2020 (YTD)	152.12 Tonnes

Steel:

<i>Month</i>	<i>Total Steel</i>
July 2020 to Dec 2020 (YTD)	224.09 Tonnes

AGENDA ITEM 12.2**RECYCLING INITIATIVES**

The total annual weight of recycled fluorescent tubes, household batteries, mobile phones, paint and printer cartridges at the Regional Waste Management Facility.

Item	Weight (Kilograms)		
	2018	2019	2020
Fluorescent light tubes	1.06	9.17	11.59
Household batteries	83.50	314.95	393.40
Mobile phones	2.58	11.60	10.60
Paint			6,020.00
Printer cartridges	38.90	51.85	751.30

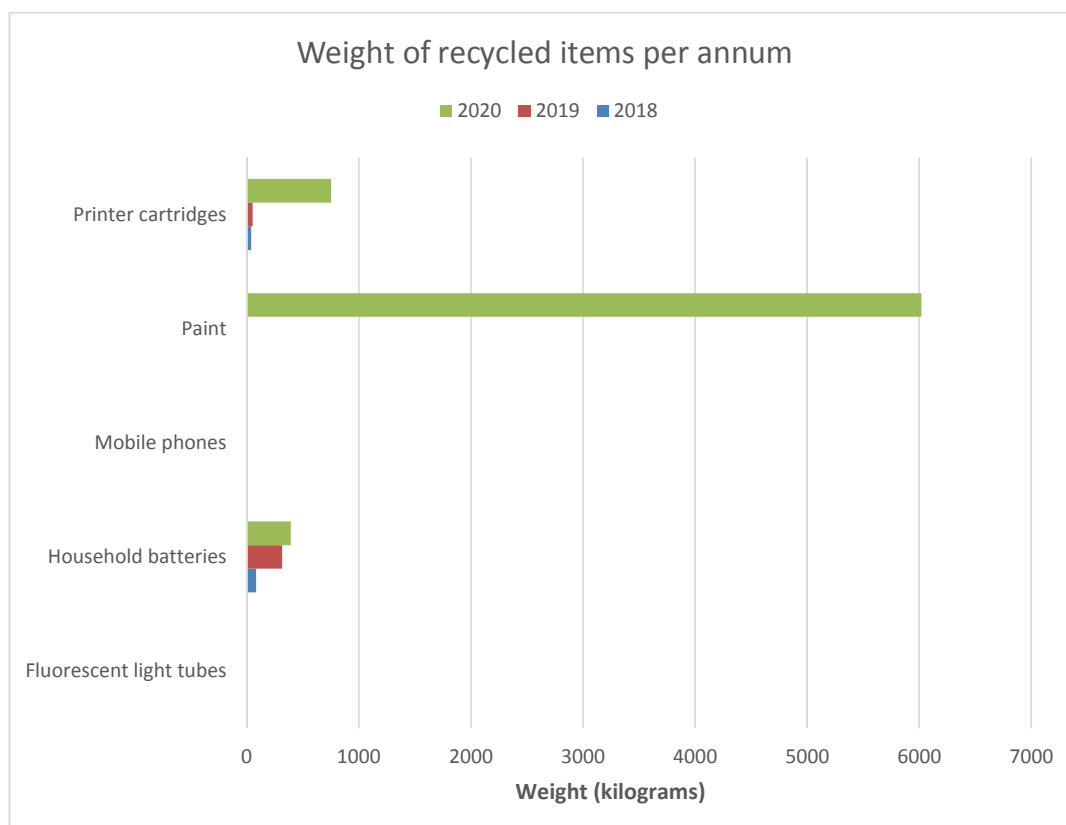


Figure 7. The total weight of fluorescent tubes, household batteries, mobile phones, paint and printer cartridges at the Regional Waste Management Facility.

AGENDA ITEM 13.1**CLIMATE ACTION PLAN - UPDATE OF ACTIONS****Progress**

A total of 26% (11 actions) of the Climate Action Plan (CAP) has been completed.

- It is estimated that 74% (31 actions) of the Climate Action Plan will be completed by December 2021.
- 14% (6 actions) are on hold

Action Progress

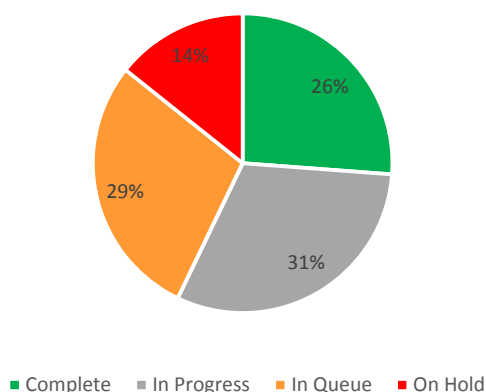


Figure 1. Progress status of the forty-two actions in the climate action plan

Action items on hold

Action items that will not be completed in the lifespan of the Climate Action Plan are discussed in Table 1.

Table 1. Actions items that will not be completed in the lifespan of this action plan

Actions	Measures
LED Street lighting change over	Streetlights are not a council asset, making it challenging to implement the action. However, council in discussions with power and water corporation is advocating that streetlights be changed to LEDs.
Four electric vehicles	Electric vehicles are not currently serviced in Alice Springs, this increases maintenance cost but also challenges the environmental benefit of owning such a vehicle. However, car dealerships in town have indicated that mechanics should receive relevant certification within the next two years to service electric vehicles locally. Budget constraints due to Covid-19, also hindered the purchase of more EVs.
Unused land for solar	An ideal location for large scale solar is the landfill. However, capping will not be completed by the end of 2021.
Solar for renters	Establishing a service to enable renters to benefit from solar will not be achievable in the lifespan of this plan as it would

	require a large-scale solar installation of some form which could be challenging given current electricity grid issues. However, the community solar feasibility study will inform some viable options for this action item in the future.
Kerbside recycling	The current market demand for recycled materials is low and this makes it challenging for Council to introduce kerbside recycling. Many changes are happening in this space at a state and federal level, once the recycling market improves Council will revisit this action item.
Fifty percent renewable energy by 2021	Council has been investigating the possibility of a Virtual Power Plant however a resolution will most likely not be achieved within the lifespan of this action plan.

Corporate Emissions Profile

Overall emissions for this quarter are 9.3% higher than the previous financial year, and 15.9% below the baseline year 2015-2016.

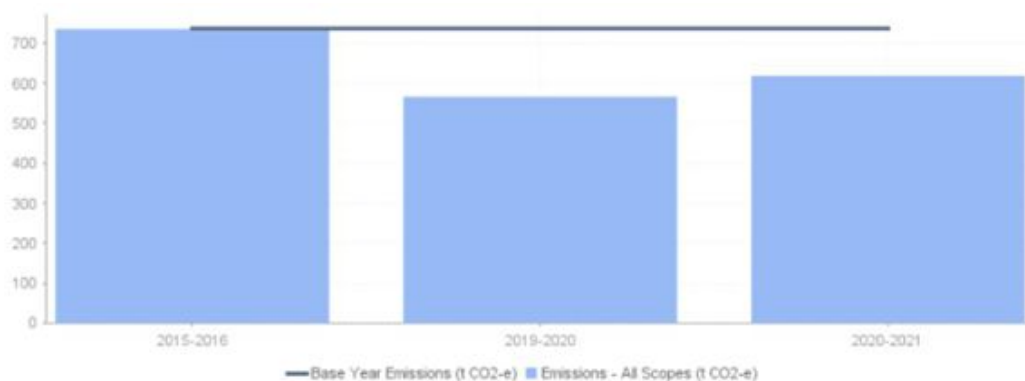


Figure 2. Quarterly greenhouse gas emissions comparing FY20 to FY 201 and the baseline year 2015-2016.

Emissions for FY21 to date are 11.7% lower than the base line year 2015-2016. This suggests Council is not on track to meet its goal of a 30% reduction.

It should be noted that data prior to FY20 is not complete. This means historical emission levels may in fact be higher than captured in the data. As data quality improves, the comparison of historical and current data may be inaccurate, and can lead to misrepresenting council's emissions as increasing. Comparing emissions from FY20 onward, would allow for a more accurate comparison.

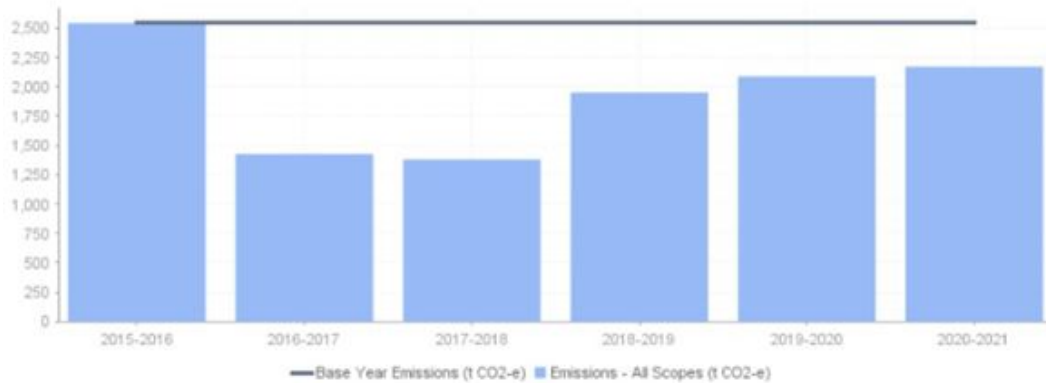


Figure 3. Greenhouse gas emissions per financial year, compared to the base line year (2015-2016).

AGENDA ITEM 13.1

CLIMATE ACTION PLAN - UPDATE OF ACTIONS

CAP Action Table

Legend:

COMPLETE**POTENTIAL DELAYS****ISSUES/DELAYS**

Number	Action	Start Date	End Date	% Complete	Status	Assignee	Progress Comments
	Climate Action Plan	01/01/18	31/12/21	60%	In Queue		
	5.1 ENERGY	01/01/18	31/12/21	34%	In Progress		
5.1.1	Source 50% of renewable energy by 2021	01/01/18	31/12/21	50%	Hold	Stephen Baloban	132.6 kw solar has been installed at four sports change room facilities. These were funded via the Energy Efficiency & Sustainability Grant 2018-2019. The target of 50% renewable energy will not be achievable in this plan.
5.1.2	Implement LED street lighting changeover	01/01/18	31/12/21	0%	Hold	Scott Allen	PWC have ownership of street lights, the cost and ownership makes it difficult to complete this action
5.1.3	Introduce user-pays systems and user-agreements for energy use in Council-owned facilities.	27/03/20	06/05/21	25%	In Progress	Tama Wakelin	Sports Officer investigating energy payment methods at sports facilities
5.1.4	Replace all inefficient lights in Council buildings with LEDs.	01/01/18	31/12/21	50%	In Progress	Ben Fitzgerald, Petina Franklin, Stephen Baloban	Standard changeover procedure.

5.1.5	Financial support for sports and other user groups to become energy efficient or install renewable energy.	01/12/20	01/01/21	50%	In Progress	Jeanette Shepherd, Tama Wakelin	Sports Officer and Community Development unit will target groups during 2021 funding round
5.1.6	Consider sustainability issues in the decision-making process of planning including a forecast of estimated energy use for all new facilities. Ensure new buildings are appropriately insulated and shaded.	01/07/20	30/06/21	0%	In Queue	Charlotte Klempin	
5.1.7	Undertake an energy audit of key Council facilities.	04/05/20	03/05/21	80%	In Progress	Stephen Baloban	Twelve facilities to be audited. Contractor engaged. Works to be completed in August 2020
5.1.8	Establish a rolling fund for financing energy efficiency projects and renewable energy.	16/03/20	15/04/20	10%	Hold	Mel Bennett, Sabine Taylor	Dependent on funding availability during FY22 budget discussions
	5.2 GAS	01/01/18	31/12/18	100%	Complete		
5.2.9	Pool blankets for indoor heated pools at ASALC.	01/01/18	31/12/18	100%	Complete		
	5.3 TRANSPORT	01/01/18	31/12/21	67%	In Progress		
5.3.10	Replace one Council vehicle with an electric vehicle per year (when vehicles are due for renewal). Provide a charge point for the electric vehicle.	01/09/19	06/09/19	25%	Hold	Ben Fitzgerald	Put on hold due to funding availability and lack of servicing for electric vehicles in Alice springs
5.3.11	Introduce an active transport policy for Council staff. Incentivise active transport.	01/07/20	30/06/21	0%	In Queue	Charlotte Klempin	
5.3.12	Ensure bicycles and electric bicycles are available for transport during work hours and encourage their use.	01/01/19	01/01/21	100%	Complete	Charlotte Klempin	
5.3.13	Reduce fuel use at landfill by adopting GPS monitoring for compactor at landfill.	01/01/18	31/12/21	100%	Complete	Oliver Eclipse	

5.3.14	Introduce a green fleet policy.	01/07/20	30/06/21	0%	In Queue	Charlotte Klempin, Jodie Summers	
5.3.15	Introduce minimum fuel efficiency standards for waste-contractor vehicles.	01/07/20	02/07/21	0%	In Queue	Charlotte Klempin, Jodie Summers	
	5.4 WASTE & RECYLING	01/01/18	31/12/21	94%	In Progress		
5.4.16	Trial commercial food waste composting systems.	01/01/19	31/12/20	80%	In Progress	Charlotte Klempin	Community Trial commenced 10th August 2020
5.4.17	Reduce pallets going to landfill by 50%.	01/01/18	31/12/21	100%	Complete	Oliver Eclipse	From 2017 levels, the numbers of pallets going into landfill has reduced by 74% (April 2020)
5.4.18	Identify cost-effective measures to reduce food waste and garden waste going to landfill.	01/01/18	31/12/18	100%	Complete		
	5.5 POLICY	01/01/18	31/12/21	57%	In Progress		
5.5.19	Embed sustainable practices and carbon reduction measures into all staff KPIs (Key performance indicator).	01/06/20	31/05/21	0%	In Queue	Managers Charlotte Klempin	
5.5.20	Facilitate staff training in energy efficiency, energy auditing, eco-driving, waste management etc.	01/06/20	31/05/21	0%	In Queue	Biggi Gosling, Charlotte Klempin	
5.5.21	Collaborate with other Councils to share and contribute advice through the Cities Power Partnership.	01/01/18	31/12/21	100%	Complete	Charlotte Klempin	
5.5.22	Sustainable purchasing policy.	01/07/20	02/07/21	0%	In Queue	Charlotte Klempin, Jodie Summers, Mel Bennett	
	6.1 ENERGY	01/01/18	31/12/21	45%	In Progress		
6.1.23	Lead, advocate for or assist with community-owned solar.	29/01/20	29/01/21	50%	In Progress	Robert Jennings	A first draft of the feasibility study has been complete.

6.1.24	Provide information on household and business solar.	16/03/20	15/03/21	100%	Complete	Charlotte Klempin	First draft complete
6.1.25	Open up unused Council land for solar projects.	01/01/18	31/12/18	0%	Hold	Scott Allen, Stephen Baloban	Due to the potential virtual power plant all additional solar installations are on hold till outcome is finalized.
6.1.26	Engage with and lobby the Northern Territory Government, electricity generators and retailers and other relevant stakeholders to ensure a smooth transition to a renewable energy powered network is feasible. Transition to include innovative technologies to support renewable energy such as peer to peer trading.	01/01/18	31/12/21	50%	In Progress	Robert Jennings	Discussions to create virtual power plant. Council has endorsed to join the Intyalheme Centre for Future Energy Alice Springs Future Grid project.
6.1.27	Attract a service that enables billing of renters for solar to make it more attractive for home-owners to install solar.	29/01/20	27/01/21	10%	Hold	Scott Allen	Discussions with relevant stakeholders
	6.2 TRANSPORT	01/12/19	29/11/21	32%	In Progress		
6.2.28	Set a target for active transport (walking and cycling) and commit to developing a bicycle plan.	01/06/20	31/05/21	0%	In Queue	Charlotte Klempin, Stephen Baloban	Plan to develop Bicycle Action Plan. Meetings with NTG have taken place.
6.2.29	Expand provision of safe, secure infrastructure for cyclists and pedestrians.	01/06/20	31/05/21	0%	In Queue	Stephen Baloban	Plan to develop Bicycle Action Plan. Meetings with NTG have taken place.
6.2.30	Develop and identity as a bike-friendly town.	01/06/20	31/05/21	0%	In Queue	Charlotte Klempin	Plan to develop Bicycle Action Plan. Meetings with NTG have taken place.

6.2.31	Facilitate meetings with key stakeholders to progress the incursion of electric vehicles in central Australia. Lobby NT Tourism and the NTG to set up a linked network of electric vehicles in central Australia. Desert Knowledge Australia.	01/12/19	29/11/21	70%	In Progress	Robert Jennings	Meetings with relevant stakeholders. Wrote submission to NTG electric vehicle paper.
6.2.32	Install electric vehicle charging stations in a central location.	01/02/20	01/02/21	50%	Hold	Stephen Baloban	Action put on hold by Council.
	6.3 WASTE & RECYLING	01/01/18	31/12/21	78%	In Progress		
6.3.33	Implement a kerbside recycling service for residents and businesses.	01/01/18	31/12/18	0%	Hold	Scott Allen	Action put on hold by Council.
6.3.34	Pending outcome of business case (action item 3), implement a food and garden organics kerbside collection service.	01/01/18	31/12/21	80%	In Progress	Charlotte Klempin	Community Trial commenced 10th August 2020
6.3.35	Home composting program implemented.	01/01/18	31/12/20	100%	Complete	Charlotte Klempin	Held workshop in May 2020. Another Workshop will occur in September 2020
	6.4 WASTEWATER	01/11/19	30/10/20	100%	Complete		
6.4.36	Lobby Power Water Corporation to reduce emissions from wastewater by investigating water efficiency programs and wastewater treatment.	01/11/19	30/10/20	100%	Complete	Scott Allen	ASTC engaged Power and Water Corporation. Due to logistics, health risks and infrastructure repair costs wastewater cannot be utilised. ASTC is part of the Alice Springs Town Basin Working group which detailed potential water efficiency solutions within the municipality.

	6.5 LEADERSHIP, AWARENESS & EDUCATION	01/01/18	31/12/21	39%	In Progress		
6.5.37	Lobby the NT Government to provide strong leadership on climate action.	01/11/19	02/11/21	80%	In Progress	Robert Jennings	NTG Climate Change Response submission. Meeting with relevant stakeholders.
6.5.38	Partner with key local organisations to develop or progress action on climate change initiatives.	01/10/19	01/10/21	50%	In Progress	Charlotte Klempin	Single Use Plastics Ban initiative. Educational stalls run by ALEC.
6.5.39	Engage with and support the community on climate change issues through the arts and through community events.	13/01/20	12/01/21	100%	Complete	Jeanette Shepherd	Officers are working to create an adult recycled arts prize
6.5.40	Establish an environmental grant under Council's Community Grants Program.	13/01/20	12/01/21	100%	Complete	Jeanette Shepherd	New Sustainability grant develop in 2020
6.5.41	Increase awareness of the science of, potential impacts, and mitigating actions of climate change within Council staff and within the community of Alice Springs.	01/01/18	31/12/21	20%	In Progress	Charlotte Klempin	Climate change youth workshops being held in October as part of the Heywire
6.5.42	Support innovation through local responses to climate change.	01/01/18	31/12/21	0%	In Queue	Charlotte Klempin, Jeanette Shepherd	