

AGENDA
ENVIRONMENT ADVISORY COMMITTEE
ALICE SPRINGS TOWN COUNCIL
4:30PM, MONDAY 30 NOVEMBER 2020
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 5 October 2020](#)
6. BUSINESS ARISING FROM THE PREVIOUS MEETING
 - 6.1. [Junk Mail Report - Environment Officer](#)
 - 6.2. [DRAFT - EAC Terms of Reference - Director Technical Services](#)
7. DEPUTATION - NIL
8. LAND
 - 8.1. Department of Environment, Park and Water Resources Report - John Gaynor
 - 8.2. [Community Garden - Alex Vaughan](#)
 - 8.3. [Feral Animals - Environment Officer](#)
9. TRANSPORT - NIL
10. ENERGY
 - 10.1. [Solar - Environment Officer](#)
11. WATER - NIL
12. WASTE & RECYCLING
 - 12.1. [Regional Waste Management Facility - Manager RWMF](#)
 - 12.2. [Recycling Initiatives - Environment Officer](#)
13. CLIMATE CHANGE STRATEGY
 - 13.1. [Climate Action Plan - Update of Actions - Environment Officer](#)
14. OTHER BUSINESS
15. NEXT MEETING

Monday, 1 February 2021 at 4:30pm
Council Chamber - 93 Todd Street, Alice Springs

MINUTES OF THE ENVIRONMENT ADVISORY COMMITTEE HELD MONDAY 5 OCTOBER 2020

PRESENT Mayor Damien Ryan
 Councillor Marli Banks (arrived 4:36pm)
 Councillor Eli Melky (Chairperson)
 Councillor Catherine Satour
 Mr Rod Cramer - Rural Area Association
 Mr John Gaynor - Department Environment, Park and Water Resources
 Dr Judith Lovell - Community Member
 Ms Tierneigh Parnell - Youth Member
 Mr Alex Vaughan - Arid Lands Environment Centre

OFFICERS IN ATTENDANCE

Mr Scott Allen - Acting Chief Executive Officer / Director Technical Services
 Mr Takudzwa Charlie - Manager Technical Services
 Ms Charlotte Klempin - Environment Officer
 Mr Oliver Eclipse - Manager Regional Waste Management Facility

13 th Alice Springs Town Council Environment Advisory Committee Attendance List 2020/2021						
	5 Oct 20	30 Nov 20	1 Feb 21	5 Apr 21	TBC	TBC
Mayor Damien Ryan	✓					
Councillor Marli Banks	✓					
Councillor Eli Melky	✓					
Councillor Catherine Satour	✓					
Rod Cramer	✓					
John Gaynor	✓					
Kate Stevens	A					
Judith Lovell	✓					
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 05.10.2020

1. WELCOME, ATTENDANCE AND APOLOGIES

Mayor Ryan assumed the role of Acting Chairperson for the start of the meeting 4:30 pm

The following apologies were recorded:

- Mr Martin O'Neill - PowerWater
- Mr Peter Somerville - Dept. Infrastructure, Planning and Logistics
- Dr Kate Stevens - Land for Wildlife
- Mr Robert Jennings - Chief Executive Officer
- Ms Stephanie Dominguez - Executive Assistant (*Completed minutes via audio*)

1.1 ELECTION OF CHAIRPERSON

Mayor Ryan welcomed the new member Mr Alex Vaughan, Policy Officer for Arid Lands Environment Centre to the Environment Advisory Committee (EAC).

Mayor Ryan noted at the Ordinary Council Meeting held Tuesday 29 September 2020, the following Elected Members have been elected to the Environment Advisory Committee for this term:

- Councillor Marli Banks
- Councillor Eli Melky
- Councillor Catherine Satour

Nominations were called for the position of Chairperson of the Environment Advisory Committee from these Elected Members.

Nominee: Cr Banks

Moved: Judith Lovell

Seconded: Tierneigh Parnell

Nominee: Cr Melky

Moved: Mayor Ryan

Seconded: Rod Cramer

CARRIED

Councillor Melky was elected to the role of Chairperson for the Environment Advisory Committee.

Councillor Melky assumed the role of Chairperson at 4:34 pm

2. DISCLOSURE OF INTEREST

Nil

Councillor Banks joined the meeting at 4:36 pm

EAC 05.10.2020

3. **CORRESPONDENCE**

3.1 **Letter from James Christian to Environment Advisory Committee - 'Junk Mail' Catalogues in Alice Springs - 28 September 2020**

The Committee received and noted the correspondence from Mr James Christian.

RESOLVED:

That it be a recommendation from the Environment Advisory Committee to Council

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**

Moved: Tierneigh Parnell

Seconded: Rod Cramer

CARRIED

Action:

The Environment Officer to provide a report to the next EAC meeting, outlining options to reduce advertising waste to landfill. The report to include costs and practicalities involved.

Action:

The Environment Officer to respond to Mr Christian on behalf of the Environment Advisory Committee advising of discussion held at this meeting, what action Council can take, and the limitations Council faces in regard to this matter.

4. **UPDATES FROM THE CHAIR**

The Chair noted the decisions of Council in regard to items *1.1 Election of Elected Members to Advisory Committees* and *12.3 Solar PV Waste Management*.

5. **MINUTES OF PREVIOUS MEETING**

5.1 **Unconfirmed Minutes of the Previous Meeting held 1 June 2020**

RESOLVED:

That the minutes from the Environment Advisory Committee meeting held 1 June 2020 be confirmed as a true and correct record of the proceedings.

Moved: Rod Cramer

Seconded: Councillor Satour

CARRIED

6. **BUSINESS ARISING FROM PREVIOUS MINUTES**

6.1 **DRAFT Environment Advisory Committee Terms of Reference - Director Technical Services**

The Director Technical Services provided an update in regard to the EAC Terms of Reference and advised he anticipated they would be ready for the next meeting.

7. **DEPUTATION**

Nil

EAC 05.10.2020

5.1

8. LAND

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

The Committee received and noted the *Department Environment, Park and Water Resources (DEPWR) Report*.

8.2 Community Garden - Alex Vaughan, Policy Officer

The Committee received and noted an update in regard to the Community Garden.

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

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.

12.3 Managing Renewable Energy Waste - Environment Officer

The Committee received and noted the Draft letter for LGANT in regard to end of life solar PV waste.

Action:

The letter from the Council's CEO in regard to end of life solar PV waste to be circulated to LGANT.

13. CLIMATE CHANGE STRATEGY

13.1 Climate Action Plan - Environment Officer

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

14. OTHER BUSINESS

Nil

EAC 05.10.2020

15. NEXT MEETING:

Monday 30 November 2020, 4:30pm

Council Chamber, Civic Centre 93 Todd Street

The meeting closed at 5:25 pm.

5.1

UNCONFIRMED

AGENDA ITEM 6.1

JUNK MAIL

Ordinary Council Meeting – 27 October 2020

14.4.2(1) Letter from James Christian to Environment Advisory Committee (Agenda Item 3.1)

RESOLVED:

That it be a recommendation from the Environment Advisory Committee to Council

- 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)

6.1

TO: ENVIRONMENT ADVISORY COMMITTEE – 30 NOVEMBER 2020

SUBJECT: UNSOLICITED ADVERTISING MATERIAL WASTE

AUTHOR: ENVIRONMENT OFFICER - CHARLOTTE KLEMPIN

6.1

EXECUTIVE SUMMARY

This report seeks to provide the Environment Advisory Committee (EAC) members with strategies to address the issue of paper waste from unsolicited advertising material.

RECOMMENDATIONS

1. That this report be received and endorsed.

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 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)

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;

UNSOLICITED ADVERTISING MATERIAL WASTE - Report to EAC

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.

Staff 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 accommodated by information on council's website explaining the legality around junk mail stickers.

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.

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

Mail Distributors

Given that UAM is distributed by third party contractors who are not directly responsible for the production of the advertising material it is challenging to educate and create waste behaviour changes. A more logical approach would be to directly contact companies and businesses that make use of the mail distribution service and educate and advocate for the use of sustainable materials or electronic advertising.

Whilst not diminishing the effectiveness of educating companies and businesses in sustainable practices, staff consider that this may detract from addressing the local waste issue.

In consideration of the options available, staff recommend the adoption of providing educational material on the website and including junk mail stickers at events, market stalls and venues to meet the objective of Council in creating a sustainable environment and fulfilling the objectives in the Climate Action Plan.

3. **POLICY IMPACTS**

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

UNSOLICITED ADVERTISING MATERIAL WASTE - Report to EAC

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

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 10,000 stickers is \$2,095.50. This would be funded by the current operational budgets.

Mail Distributors: There are minimal costs associated with this approach and would be covered by 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 not providing every household with a sticker via postal mail.

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.

8. ATTACHMENTS



Charlotte Klempin
ENVIRONMENT OFFICER



TERMS OF REFERENCE

Environment Advisory Committee

6.2

Committee Type

Advisory Committee

Purpose

To provide strategic advice to and make formal representation to Council in matters relating to the environmental related issued, 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 feedback on local building design guidelines to promote environmentally sustainable design including materials selection, minimisation of energy and water consumption and 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 leave of the Committee.
- (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

AGENDA ITEM 8.2

COMMUNITY GARDEN

From: Alex Vaughan
Sent: Monday, 23 November 2020 5:24 PM
To: Charlotte Klempin
Subject: Community garden update

Hi Charlotte,
Apologies for the late email.

Here is ALEC's community garden update.

- 46 community/family plots, 48 community garden users - the community garden is servicing almost 100 families/households now.
- Planning for the irrigation upgrade is complete and now the works program is being developed - it is hoped that the irrigation upgrades will be complete before Christmas
- Compost Workshop at the Garden was a great success with more than 40 people attending.
- Food for Alice will continue till mid-December and will then return in late January
- The Community Garden Annual Garden Meeting was held on Friday November 27 celebrating 10 years at the community garden.
- Peppercorn lease renewal will be required in December, hopefully for another 10 years with 5-year review.
- Thanks to Depot staff for facilitating access to the new Westside Garden in Gillen

Kind regards,
Alex

AGENDA ITEM 8.3

FERAL ANIMALS REPORT

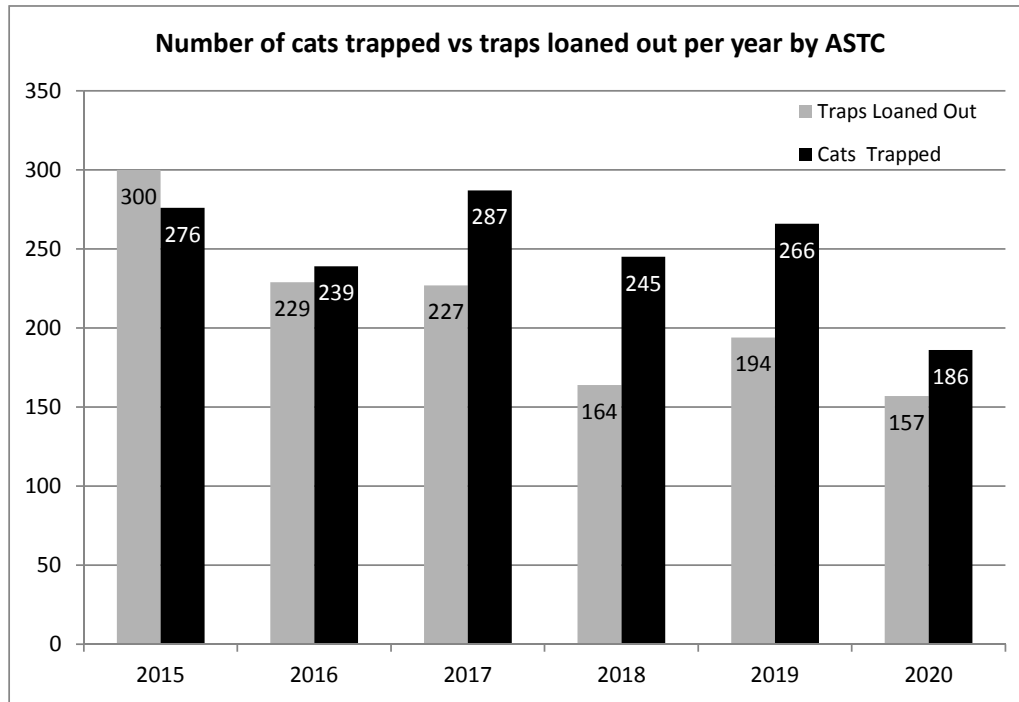


Figure 1. Number of cats trapped and traps loaned out per year by the Alice Springs Town Council.

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

8.3

Energy use from ASALC, Civic Centre, Depot, Library and RWMF

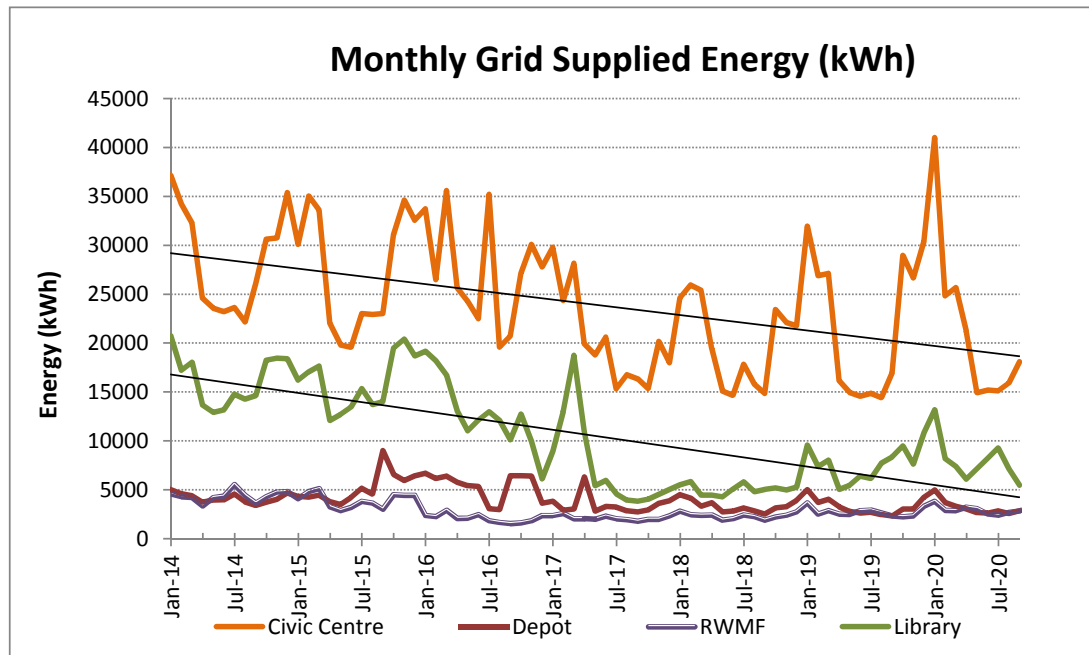


Figure 4. Monthly grid-supplied energy (kWh) for the Civic Centre, Depot, Library and RWMF

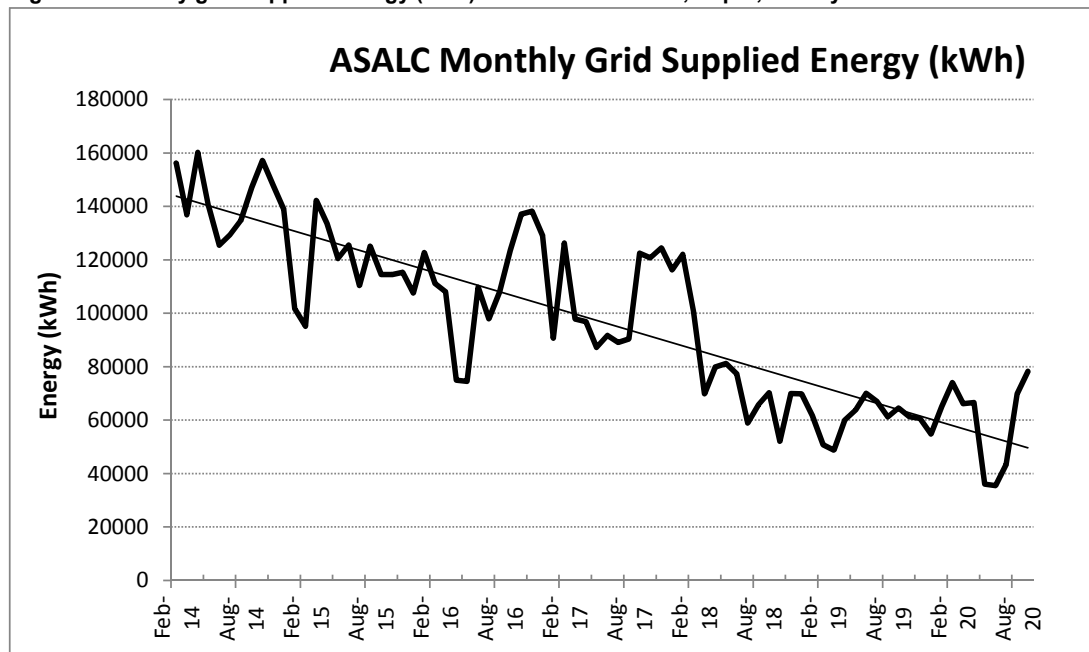


Figure 5. Monthly grid-supplied energy (kWh) for ASALC.

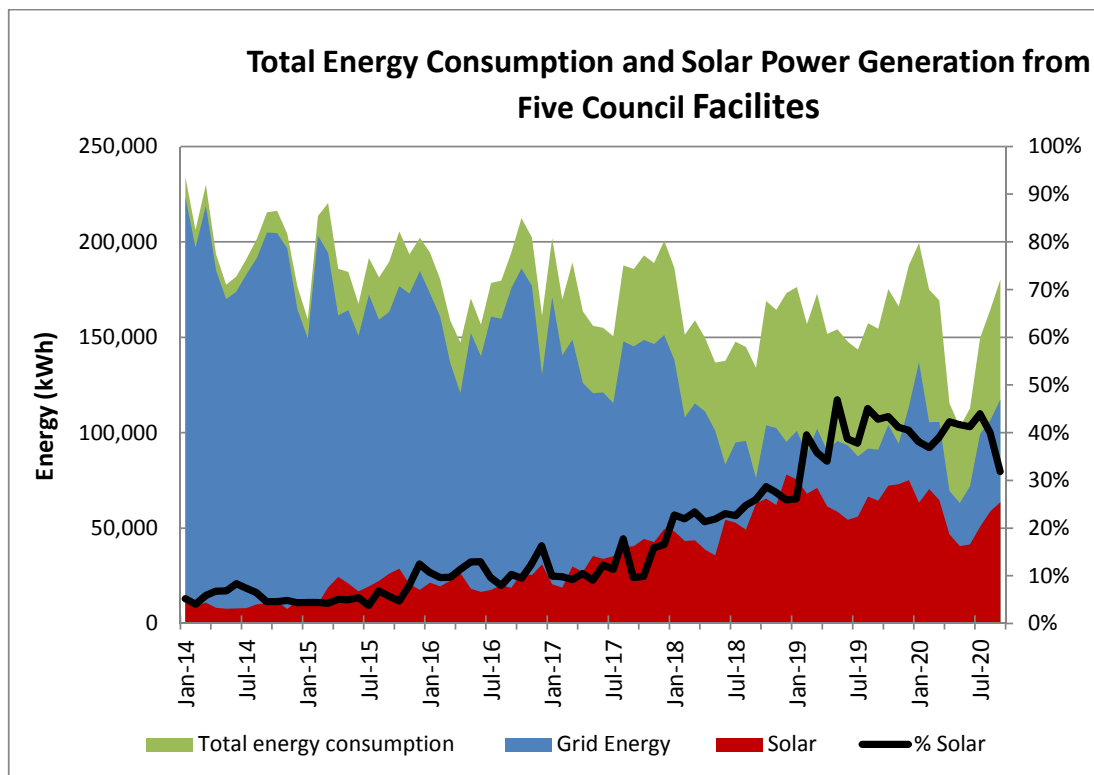


Figure 6. Total energy consumption, grid supplied energy and solar energy produced for five individual Council facilities. The graph also shows solar production (red).

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 Oct 2020 was 15321.76 tonnes. In July 2019 to Oct 2019 11405.44 tonnes of waste was collected.

Total Recycled: Total Recycled material for July 2020 to Oct 2020 period was 1465.81 tonnes, compared to 5,885.01 tonnes from July 2019 to Oct 2019.

Percentage Recycled: Total percentage of materials recycled between July 2020 and Oct 2020 is 9.57%. In July 2019 to Oct 2019 51.60% was recycled.

	July 2019- October 2019		July 2020- October 2020	
	Tonnes IN	Tonnes OUT	Tonnes IN	Tonnes OUT
Animal Carcass	3.86		7.03	0.00
Asbestos	278.41		27.04	0.00
Building Material		28.15	0.00	48.99
Cardboard & Paper	191.68	99.56	133.08	105.60
Chemicals			0.00	1.32
Clean Fill	5683.62	498.98	3148.74	562.00
Concrete	865.54	3472.20	1090.00	332.00
Container Deposit		21.10	0.00	9.04
Council Supported			0.00	0.00
Demolition Materials	1419.03		7617.27	0.00
Domestic Bins	2320.06		2155.30	0.00
Drop off Zone* (Shop)		40.75	0.00	56.98
Electronic waste	29.45		43.27	14.53
FOGO			1.86	4.94
Glass **	38.40	4.14	36.12	68.79
Green Waste	722.03	186.68	597.37	214.26
Household Goods		34.81	0.00	21.18
Liquid Waste	375.07		242.56	0.00
Mattresses	52.23		36.61	0.00
Metals ***	135.49	702.16	67.94	0.00
Mixed Waste ****	4788.33		3188.64	0.00
Timber & Pallets	180.25	796.48	71.02	25.20
Tyres	5.61		6.65	0.98
Total	17089.06	5885.01	18470.50	1465.81
Total minus clean fill	11405.44		15321.76	0.00
Percentage recycled		51.60	0.00	9.57%

***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 Oct 2020 (YTD)	105.60 Tonnes

Steel:

<i>Month</i>	<i>Total Steel</i>
July 2020 to Oct 2020 (YTD)	0 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	11.01
Household batteries	83.50	314.95	315.30
Mobile phones	2.58	11.60	7.60
Paint			4360.00
Printer cartridges	38.90	51.85	747.50

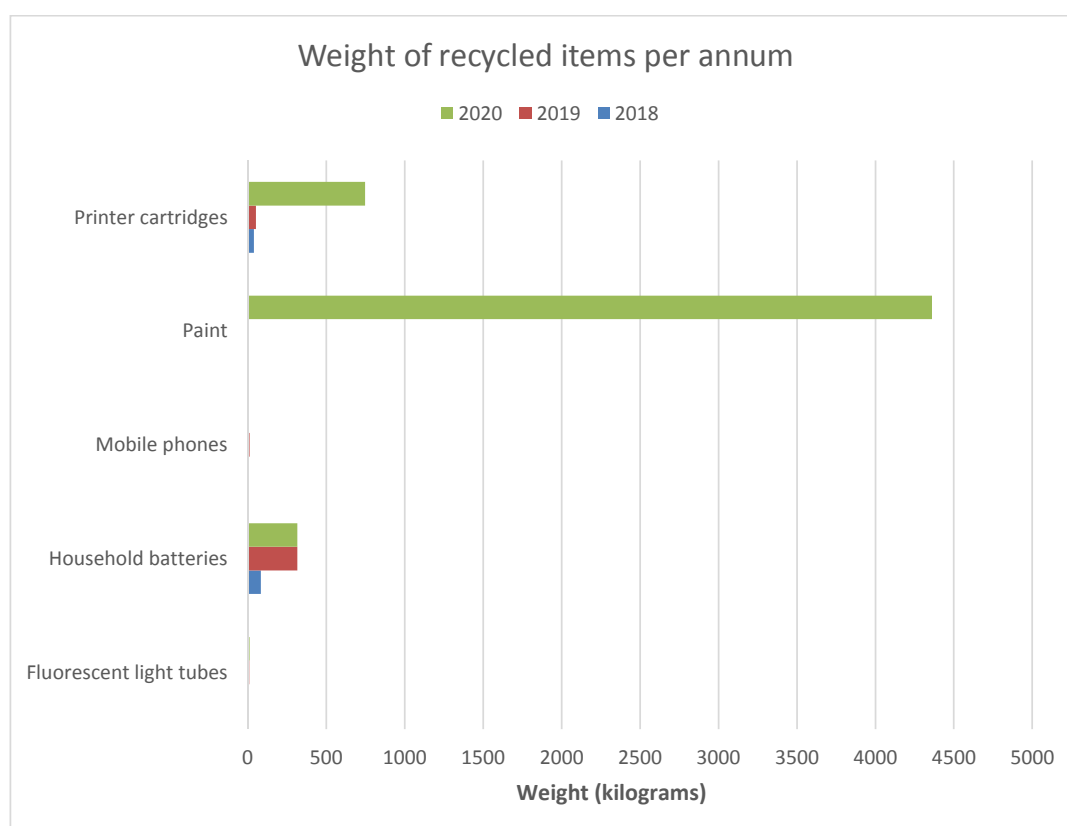


Figure 7. The total weight of fluorescent tubes, household batteries, mobile phones, paint and printer cartridges at the Regional Waste Management Facility.

AGENDA ITEM 13.1

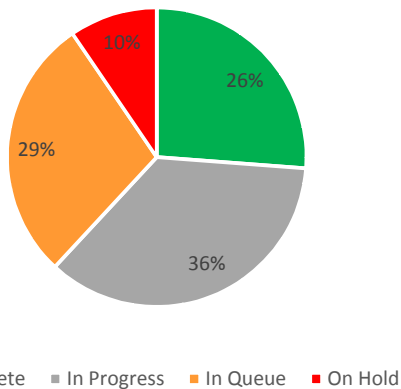
CLIMATE ACTION PLAN - UPDATE OF ACTIONS

Progress

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

- It is estimated that 73% (31 actions) of the Climate Action Plan will be completed by December 2021.
- Four actions are on hold. These actions will not be achieved in the lifespan of this CAP as they are large-scale projects which are of high cost, require collaboration with other organisation and are beyond council's direct control.

Action Progress



13.1

Corporate Emissions Profile

Overall emissions for July – September (Q1) are 4% lower than the same period in the previous financial year and 41% below the baseline year 2015-2016.

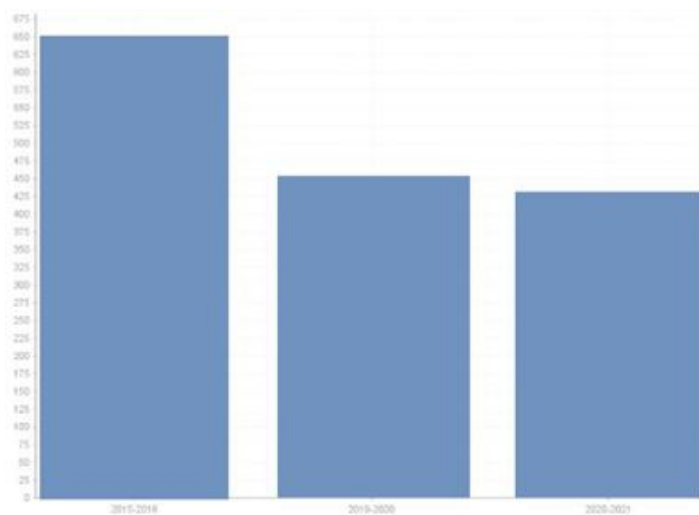


Figure 2. Greenhouse gas emissions by scope comparing Q1 FY 2021 to FY 2020 and the baseline year 2016-2017.

Emissions for the FY 2021 to date are 33.6% lower than the base line year 2015-2016. The data for the financial year is forecasted based on previous financial years. This suggests Council is on track to meet its goal of a 30% reduction.

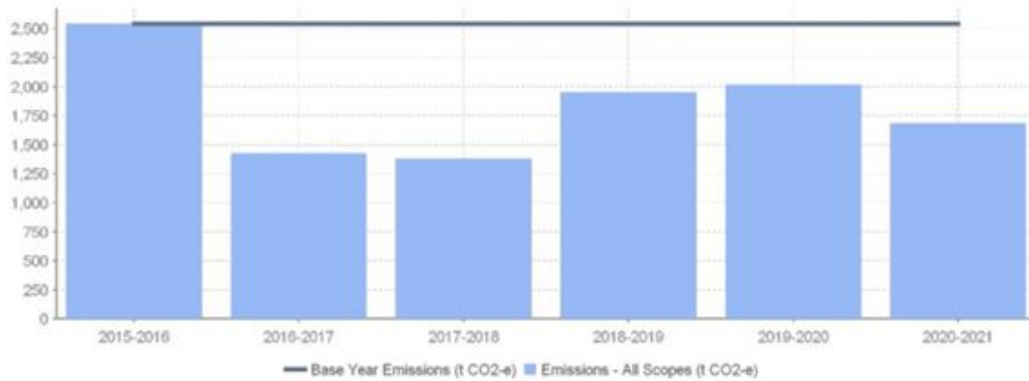


Figure 3. Greenhouse gas emissions per financial year, compared to the base line year (2015-2016)

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	Duration	Progress Comments
	Climate Action Plan	01/01/18	31/12/21	55%	In Queue		1045d	
	5.1 ENERGY	01/01/18	31/12/21	28%	In Progress		1045d	
5.1.1	Source 50% of renewable energy by 2021	01/01/18	31/12/21	50%	In Progress	Stephen Baloban	1045d	132.6 kw being installed via Energy Efficiency & Sustainability Grant 2018-2019
5.1.2	Implement LED street lighting changeover	01/01/18	31/12/21	0%	Hold	Scott Allen	1045d	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	290d	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	30%	In Progress	Ben Fitzgerald, Petina Franklin, Stephen Baloban	1045d	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	24d	Sports Officer and Community Development unit will target groups during 2021 funding round

13.1

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	261d	
5.1.7	Undertake an energy audit of key Council facilities.	04/05/20	03/05/21	80%	In Progress	Stephen Baloban	261d	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%	In Progress	Mel Bennett, Sabine Taylor	23d	Dependent on funding availability
5.2 GAS		01/01/18	31/12/18	100%	Complete		261d	
5.2.9	Pool blankets for indoor heated pools at ASALC.	01/01/18	31/12/18	100%	Complete		261d	
5.3 TRANSPORT		01/01/18	31/12/21	67%	In Progress		1045d	
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	6d	Put on hold due to funding availability. Will be included in FY 2021-2022
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	261d	
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	524d	
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	1045d	
5.3.14	Introduce a green fleet policy.	01/07/20	30/06/21	0%	In Queue	Charlotte Klempin, Jodie Summers	261d	
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	263d	
5.4 WASTE & RECYLING		01/01/18	31/12/21	89%	In Progress		1045d	

5.4.16	Trial commercial food waste composting systems.	01/01/19	31/12/20	60%	In Progress	Charlotte Klempin	523d	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	1045d	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		261d	
	5.5 POLICY	01/01/18	31/12/21	57%	In Progress		1045d	
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	261d	
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	261d	
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	1045d	
5.5.22	Sustainable purchasing policy.	01/07/20	02/07/21	0%	In Queue	Charlotte Klempin, Jodie Summers, Mel Bennett	263d	
	6.1 ENERGY	01/01/18	31/12/21	42%	In Progress		1045d	
6.1.23	Lead, advocate for or assist with community-owned solar.	29/01/20	29/01/21	30%	In Progress	Robert Jennings	263d	Terms of Reference for a feasibility study has been distributed to consultants
6.1.24	Provide information on household and business solar.	16/03/20	15/03/21	100%	Complete	Charlotte Klempin	261d	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	261d	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	1045d	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%	In Progress	Scott Allen	261d	Discussions with relevant stakeholders
6.2 TRANSPORT		01/12/19	29/11/21	25%	In Progress		522d	
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	261d	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	261d	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	261d	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	50%	In Progress	Robert Jennings	522d	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%	In Progress	Stephen Baloban	262d	Officers are investigating installation of two further charging stations
6.3 WASTE & RECYLING		01/01/18	31/12/21	68%	In Progress		1045d	

6.3.33	Implement a kerbside recycling service for residents and businesses.	01/01/18	31/12/18	0%	Hold	Scott Allen	261d	Due for review in October 2020
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	60%	In Progress	Charlotte Klempin	1045d	Community Trial commenced 10th August 2020
6.3.35	Home composting program implemented.	01/01/18	31/12/20	100%	Complete	Charlotte Klempin	784d	Held workshop in May 2020. Another Workshop will occur in September 2020
6.4 WASTEWATER		01/11/19	30/10/20	100%	Complete		261d	
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	261d	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	29%	In Progress		1045d	
6.5.37	Lobby the NT Government to provide strong leadership on climate action.	01/11/19	02/11/21	50%	In Progress	Robert Jennings	523d	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	524d	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	262d	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	262d	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	0%	In Queue	Charlotte Klempin	1045d	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	1045d	