

VML:CD
Vicki Lukritz
3810 6221

1 November 2018

Sir/Madam

Notice is hereby given that a Meeting of the **ENVIRONMENT COMMITTEE** is to be held in the **Council Chambers** on the 2nd Floor of the Council Administration Building, 45 Roderick Street, Ipswich commencing at **11.30 am or 10 minutes after the conclusion of the Communities Committee, whichever is the earlier** on **Wednesday, 7 November 2018**.

<u>MEMBERS OF THE ENVIRONMENT COMMITTEE</u>	
Greg Chemello (Interim Administrator) (Chairperson)	

Yours faithfully

CHIEF EXECUTIVE OFFICER

ENVIRONMENT COMMITTEE AGENDA

11.30 am or 10 minutes after the conclusion of the Communities Committee, whichever is the earlier on **Wednesday, 7 November 2018**
Council Chambers

Item No.	Item Title	Officer
1	Ipswich Waste Services July-September 2018 Quarterly Report to the Owner	IWSM
2	Proposal to Abolish the Sustainability Advisory Group	BSSC

** Item includes confidential papers

ENVIRONMENT COMMITTEE NO. 2018(01)

7 NOVEMBER 2018

AGENDA

In accordance with section 7.7 of the Draft Terms of Reference the report of the previous meeting was confirmed and signed by the Interim Administrator at the Council Meeting held on 16 October 2018.

1. **IPSWICH WASTE SERVICES JULY-SEPTEMBER 2018 QUARTERLY REPORT TO THE OWNER**

With reference to a report by the Ipswich Waste Services Manager dated 15 October 2018 concerning the Ipswich Waste Services July-September Quarterly Report to the owner.

RECOMMENDATION

That the report be received and the contents noted.

2. **PROPOSAL TO ABOLISH THE SUSTAINABILITY ADVISORY GROUP**

With reference to a report by the Business Systems and Support Coordinator dated 8 October 2018 concerning the proposal to abolish the Sustainability Advisory Group.

RECOMMENDATION

That the Interim Administrator of Ipswich City Council resolve:

- A. That the Sustainability Advisory Group, as outlined in the report by the Business Systems and Support Coordinator dated 8 October 2018, be abolished.
 - B. That a report be presented to Council in January 2019 providing an update on the status of the Sustainability Strategy Implementation Plan actions for the period July-December 2018 and there-after presentation of quarterly reports.
-

** Item includes confidential papers

and any other items as considered necessary.

ct:ap
h:\Departmental\Committee Reports\G&I July-September IWS Report
CR

Environment Committee	
Mtg Date: 07.11.18	OAR: YES
Authorisation: Bryce Hines	

15 October 2018

MEMORANDUM

TO: CHIEF OPERATING OFFICER (WORKS, PARKS & RECREATION)
FROM: IPSWICH WASTE SERVICES MANAGER
RE: IPSWICH WASTE SERVICES JULY-SEPTEMBER 2018 QUARTERLY REPORT TO THE OWNER

INTRODUCTION:

This is a report by the Ipswich Waste Services Manager dated 15 October 2018 concerning the Ipswich Waste Services July-September Quarterly Report to the owner.

BACKGROUND:


In accordance with the Annual Performance Plan 2018-2019, a report is submitted on a quarterly basis detailing;

Annual Performance Plan 2018-2019

- Introduction
- Major highlights of operational activities
- Performance in relation to stated performance targets
- Financial analysis of quarterly performance against budget
- Waste & Recycling Volumes
- Recycling & Refuse Centres Data
- Delegation Reporting
- Asset Disposal

The July-September Quarterly 2018 report is shown in Attachment A.

ATTACHMENTS:

Name of Attachment	Attachment
Ipswich Waste Services July-September 2018 Quarterly report	 Attachment A

RECOMMENDATION:

That the report be received and the contents noted.

Chris Theron
IPSWICH WASTE SERVICES MANAGER

I concur with the recommendation contained in this report.

Bryce Hines
CHIEF OPERATING OFFICER (WORKS, PARKS & RECREATION)



Ipswich Waste Services a division of Ipswich City Council

IPSWICH WASTE SERVICES JULY-SEPTEMBER 2018 QUARTERLY REPORT



1.0 INTRODUCTION

The quarterly report for the period July to September 2018 has been prepared to address the requirements of the Annual Performance Plan by providing the following information.

1. Introduction
2. Major highlights of operational activities
3. Performance in relation to stated performance targets
4. Financial analysis of quarterly performance against budget
5. Waste & Recycling Volumes
6. Recycling & Refuse Centre data
7. Delegation Reporting
8. Asset Disposal

2.0 MAJOR HIGHLIGHTS OF OPERATIONAL ACTIVITIES

2.1 Highlights

The following is a summary of major highlights that occurred within Ipswich Waste Services for the period July to September 2018.

a. Google Performance Report

	<u>July</u>	<u>August</u>	<u>September</u>
People saw your business on Google	35,226	34,470	35,812
People asked for directions to your business	710	850	924
People found your phone number on Google and called your business	162	159	229
Person visited your website	510	545	676

b. Bin App Data

As at 30th September there have been a total 21,896 of downloads of the Ipswich Bin App (13,045 iOS and 8,851 Android).

The following is a breakdown of the information that the residents were seeking:

<u>Information</u>	<u>No. views</u>	<u>%</u>
Dashboard	16,129	45.79%
Waste Materials	11,769	33.41%
Services	5,025	14.27%
Service Empty Bottles and Jars Drop Off	646	1.83%
Settings	367	1.04%
Service%	279	0.79%
Service Kerbside Collection Service	124	0.35%
Service Stolen, Repair or Replacement Bins	74	0.21%
Service Recycling & Refuse Centres	52	0.15%
Service Hire a Skip Bin	45	0.13%

c. Public Events

Sales section of IWS attended the following events:

- Sacred Heart School Fete – 22/07/2018
- Park2Park – 28/07/2018
- St Joseph's Fete – 05/08/2018
- The Glebe Garden Club Expo – 25/08/2018

We promoted the Recycle 4 campaign along with the new glass recycling drop off locations. We were also informing residents of the impending CRS.

The response from residents was overall quite positive and they were very receptive to the glass drop off locations.

We gave out approx. 150-200 showbags of information regarding recycling, green waste and the bin app at each event.

d. **Stormwater, Sediment & Erosion Management**

Request for Quote awarded in August for Stormwater, sediment and erosion management actions at the Riverview Transfer Station. Site inspections have been undertaken by the consultant and a final report is due late September / early October.

This report will identify work required to maintain compliance with Environmental Authority conditions. Depending on the extent of the work recommended it may need to be undertaken in stages. The Department Of Environment & Science will be informed of progress of the works

e. **Waste Oil Tank Riverview Recycling & Refuse Centre**

Quotes were obtained for replacement of existing Waste Oil tank at Riverview Recycling & Refuse Centre . A 5000 litre self-contained and banded tank will be ordered as soon as the procurement process is completed.

f. **Skip Bays at Rosewood Recycling & Refuse Centre**

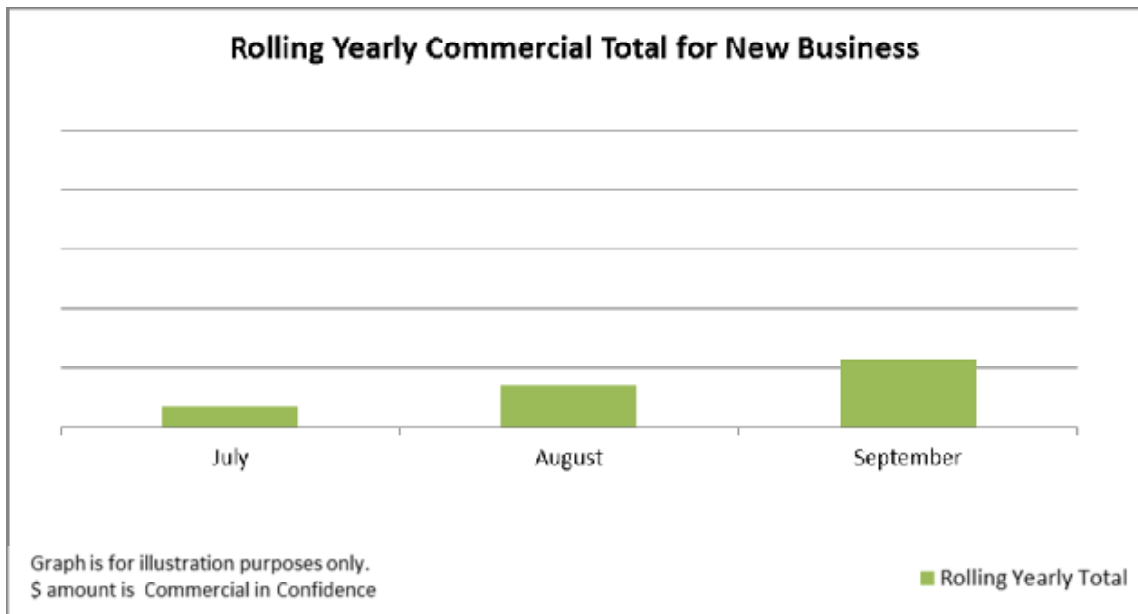
Request for Quote for an engineering solution for the issues at the skip bays at Rosewood Recycling & Refuse Centre was released. The existing retaining wall which was constructed using metal shipping containers filled with gravel has been affected by erosion, movement and rust. Evaluation and awarding of the work is due early October.

The successful contractor will provide an assessment of the existing retaining wall and design and costs of proposed solutions. It is envisaged that the solutions will encompass either repair or replacement of the existing wall.

2.2 Current Commercial Activities

Total of 1,258 Commercial Customers as at the end 30 September 2018

	Number New Accounts	Additional # of Site to existing customers
July	5	0
August	19	3
September	17	5
October	0	0
November	0	0
December	0	0
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0

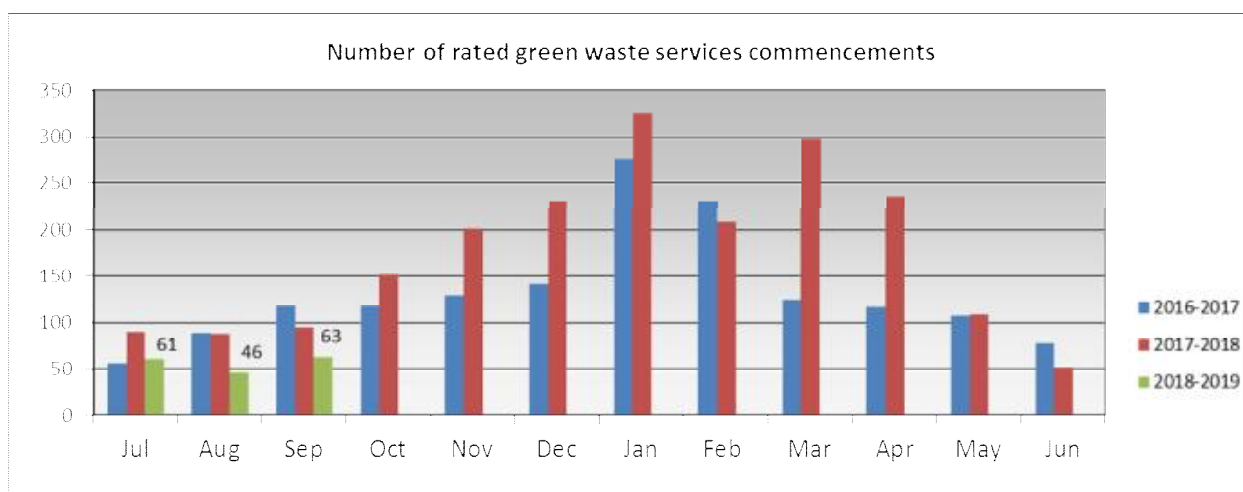


2.3 Variation of number of commercial customers and reasons.

Headings	July	August	September
Business Closed Down	1	2	0
Cancelled - Decreasing or Increasing Bin Size	4	13	5
Cancelled - No Reason	7	2	16
Cancelled - Site Closed	5	4	2
Changed Owner - New Account to be Created	3	1	3
Commence - New Bin Size	6	12	7
Commence - New Service	40	44	22
Commence - New Service (SITE ADD)	7	2	1
Lost to Competitor	0	3	8
Lost to JJ Richards	0	0	0
Service - Bin no longer required	12	12	3
Service - Frequency Decrease	1	1	0
Suspension - End of Season	0	0	7
Update Contract	2	0	4
	88	94	78

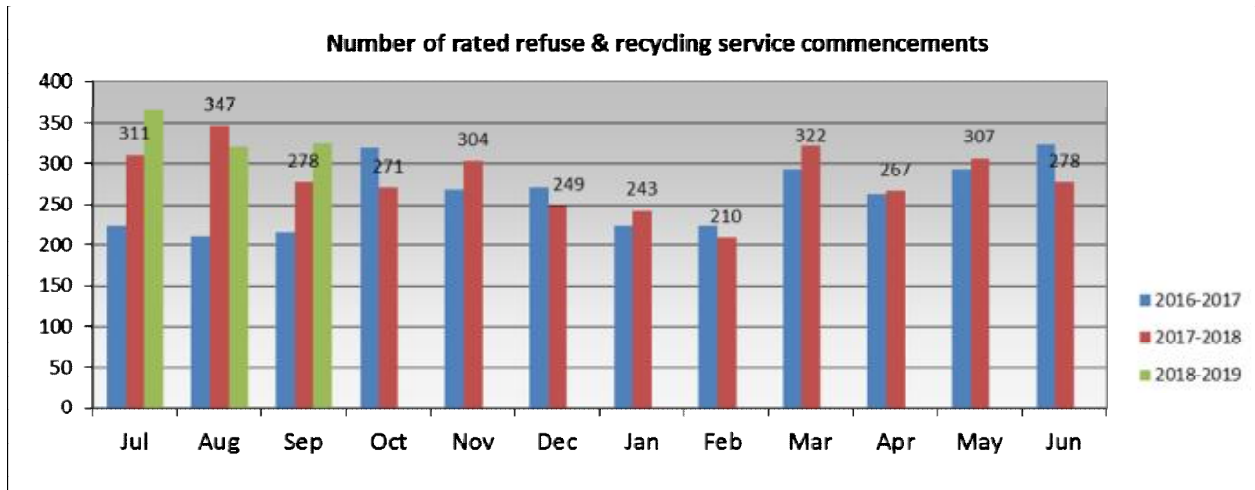
2.4 Green Waste Bins

A total of 16,708 properties were rated for the domestic green waste bin as at the 30 September 2018.



2.5 Domestic Waste (Refuse & Recycling)

A total of 79,233 properties were rated for the domestic waste bins as at the 30 September 2018.



3.0 PERFORMANCE IN RELATION TO STATED PERFORMANCE TARGETS

3.1 Customers

PERFORMANCE TARGETS - CUSTOMERS				
KEY RESULT AREA	Indicator	Standard	Reporting Frequency	Result
Provide value to customers	Customer response to Survey questions indicates customer satisfaction with the service	90%	Quarterly July- September)	N/A

Comment: Survey results not available.

PERFORMANCE TARGETS - CUSTOMERS						
KEY RESULT AREA	Indicator	Standard	Reporting Frequency	July	August	September
Provide value to customers	Number of domestic refuse & recycling bins repair/damaged & replacement/destroyed per 1000 rated bins in service	<7	Quarterly	4.66	4.64	3.97
	Number of domestic refuse & recycling bin extra bin service/missed bin complaints per 1000 rated bins in service	<3	Quarterly	3.13	2.94	2.64

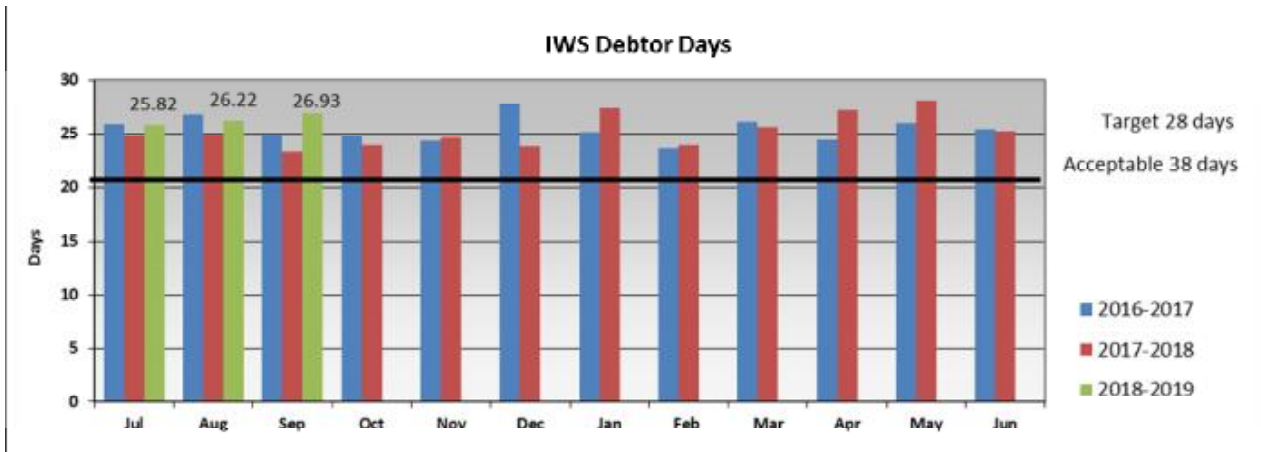
Comment:

3.2 Financial

PERFORMANCE TARGETS - FINANCIAL					
KEY RESULT AREA	Indicator	Target	Reporting Frequency	Result	
Provide value to shareholders	Net Profit Margin - Calculated as (Net Result/Total Revenue)*100		Quarterly	July - Sept	
				33.50%	
	Budget Performance Surplus on Operations	>budgeted net surplus	Quarterly	Budget QTR \$000s	Actual QTR \$000s
				3,013	3,154

PERFORMANCE TARGETS - FINANCIAL						
KEY RESULT AREA	Indicator	Target	Reporting Frequency	July	August	September
Provide value to shareholders	Debtors Days Outstanding	<38 days	Quarterly	25.82	26.22	26.93

Comment: Refer to section 4 of this report for an explanation of the financial result for the quarter.



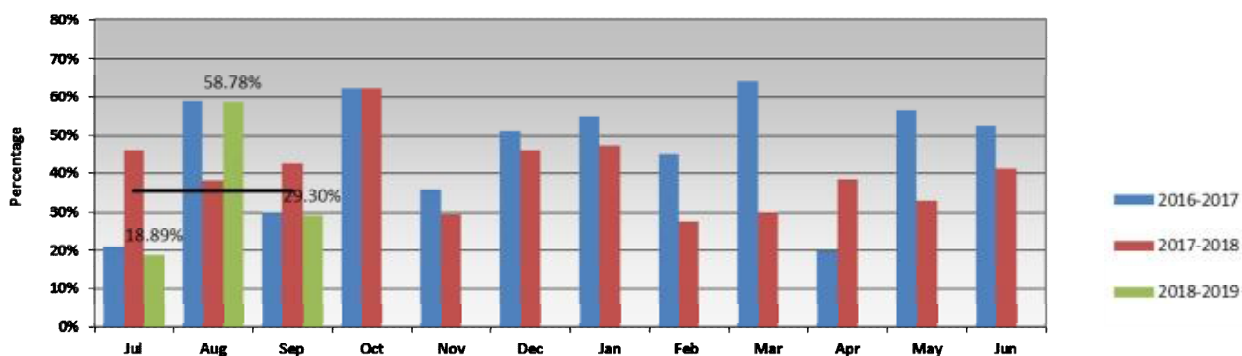
3.3 Employees

PERFORMANCE TARGETS - EMPLOYEES				
KEY RESULT AREA	Indicator	Standard	Reporting Frequency	Result
				July - Sept
Promote a climate for action within the workforce	Absenteeism - % against available hours	<3.5%	Quarterly	6.44%
	LTISR – Lost time injury severity rate	9	Quarterly	0.00
	Annual leave balance for each staff member of 6 weeks or less	>95%	Quarterly	87.30%

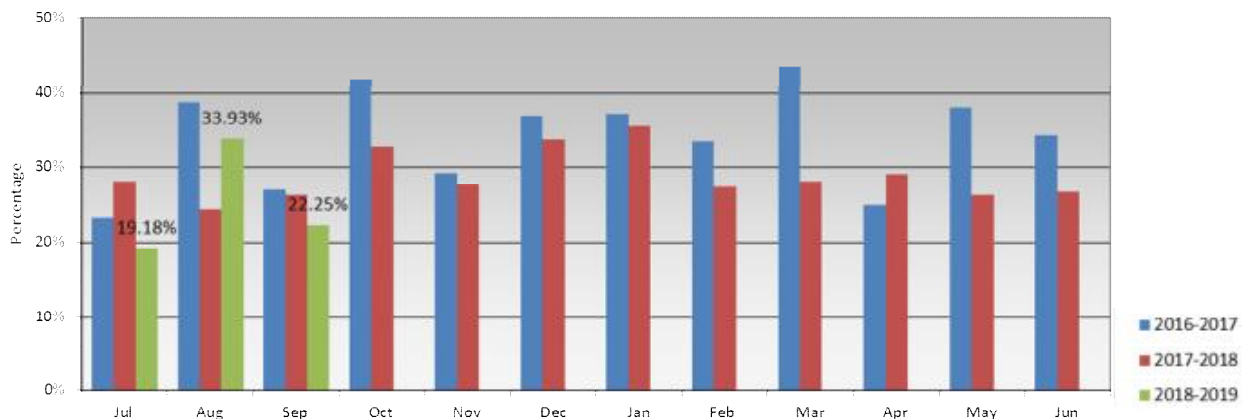
3.4 Processes

PERFORMANCE TARGETS - PROCESSES						
KEY RESULT AREA	Indicator	Target	Reporting Frequency	July	August	September
Be a good neighbour	% Waste diverted from landfilling at the Recycling & Refuse Centres	>35%	Quarterly	18.89%	58.78%	29.30%
	% total recycling diverted from domestic collection & disposal services	>25%	Quarterly	19.18%	33.93%	22.25%
	% domestic green waste diverted from domestic refuse service	>3%	Quarterly	5.34%	4.86%	4.99%
	% waste diverted from landfilling by the kerbside recycling service	>15%	Quarterly	15.45%	17.27%	15.06%
	% waste diverted from landfilling by commercial waste services	>5%	Quarterly	7.74%	5.17%	4.24%

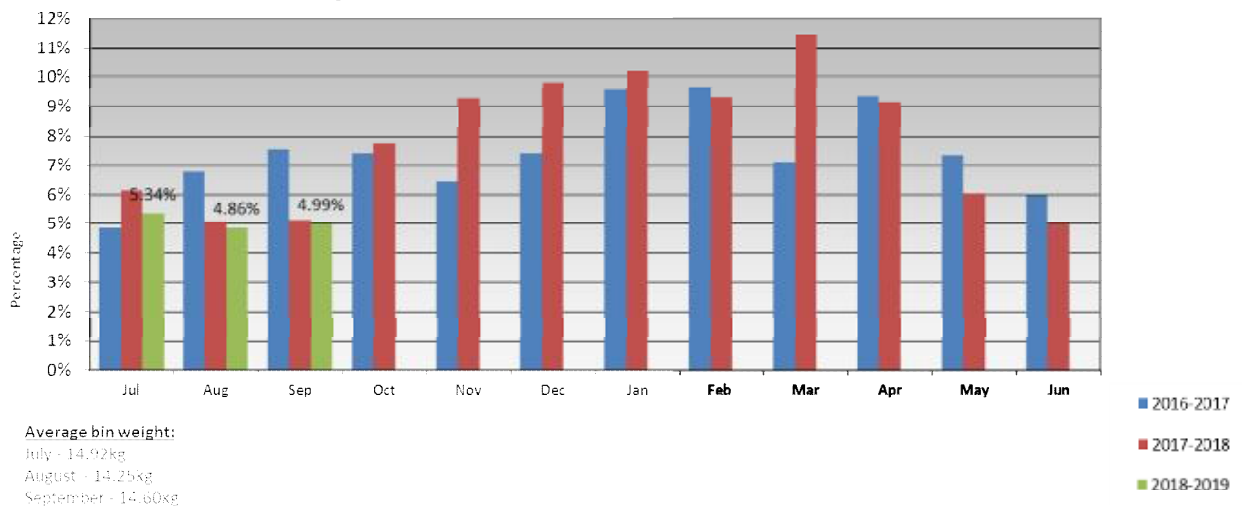
% waste diverted from landfilling at the Recycling & Refuse Centres

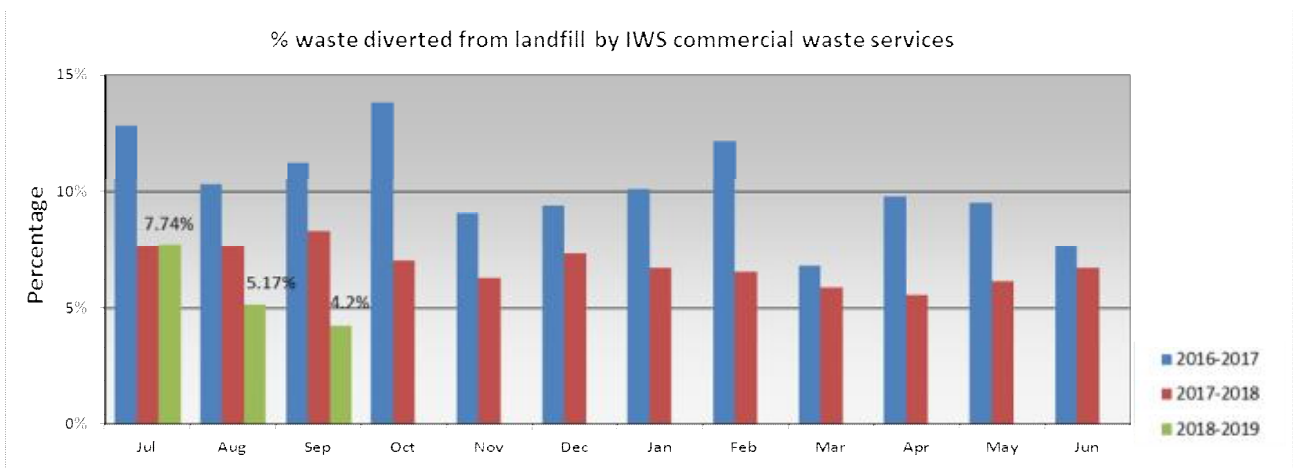
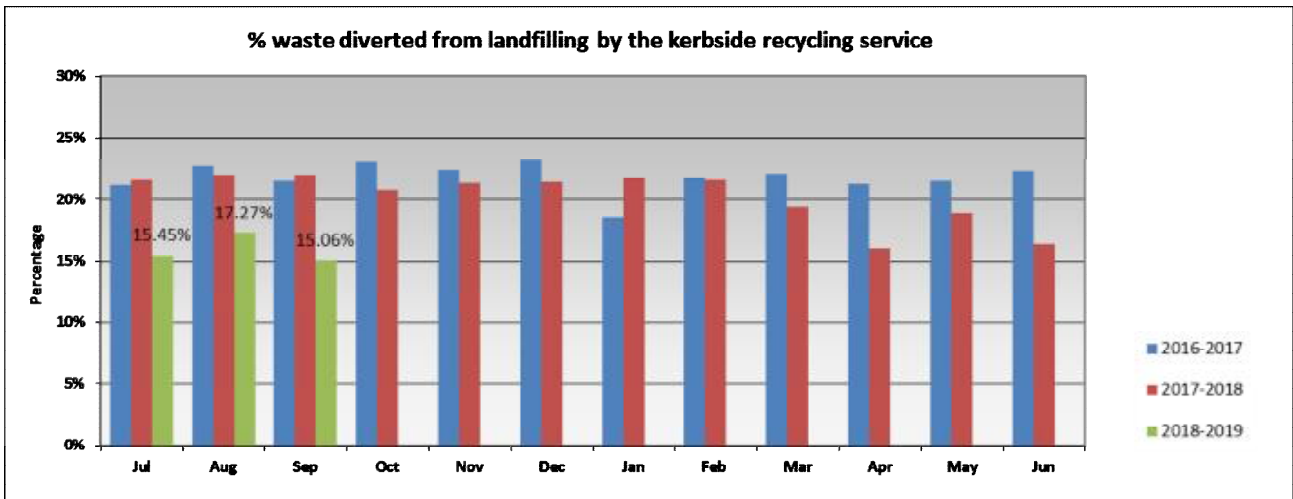


% total recycling diverted from domestic collection & disposal services



% domestic green waste diverted from domestic refuse service





PERFORMANCE TARGETS - PROCESSES						
KEY RESULT AREA	Indicator	Standard	Reporting Frequency	July	August	September
Achieve operational excellence	Extra/Missed Bin Services requests completed within 1 working day	>85%	Quarterly	100%	100%	100%
	# of Requests			273	250	232
	# of Request completed on time			273	250	232
	Domestic refuse & recycling service commencements actioned within 5 working days of notification	>85%	Quarterly	100%	100%	100%
	# of Requests			367	321	325
	# of Request completed on time			366	321	325
	Green waste service commencements actioned within 5 working days of notification	>85%	Quarterly	98%	100%	97%
	# of Requests			116	114	105
# of Request completed on time			114	114	102	

KEY RESULT AREA	Indicator	Standard	Reporting Frequency	Result		
				July	August	September
Achieve operational excellence	Requests for Replacements/Repairs actioned within 5 working days	>85%	Quarterly	100%	100%	100%
	# of Requests			443	443	381
	# of Request completed on time			443	443	381

Comment: Replacements & Repairs CES Request Code have now been combined.

4.0 FINANCIAL ANALYSIS OF QUARTERLY PERFORMANCE AGAINST BUDGET

OPERATING RESULT:

The following tables outline the operating result for the months April 2018 to June 2018, and Year to Date (July 2018 to June 2019):

Budget Predictions v's Actuals			
Quarterly – July to September 18			
	Actual (\$000')	Budget (\$000')	Variance (\$000')
Operational Revenue	9,734	9,422	312
Operational Expenditure	6,580	6,408	172
Surplus/Deficit on Expenditure	3,154	3,013	140

Year to Date – FY2018/2019			
	Actual (\$000')	Budget (\$000')	Variance (\$000')
Operational Revenue	9,734	9,422	312
Operational Expenditure	6,580	6,408	172
Surplus/Deficit on Expenditure	3,154	3,013	140

Revenue

Year to date revenue is above target by \$312k which includes corporate controlled Interest revenue of \$37k.

Expenses

Year to date expenses are \$172k above budget. Waste Services Employee Expenses are over budget by \$30k; Materials & Services and Other Expenses are over budget by \$20k and Internal Trading Expense is \$97K over budget.

(NB: Labour contracts are included within Materials & Services).

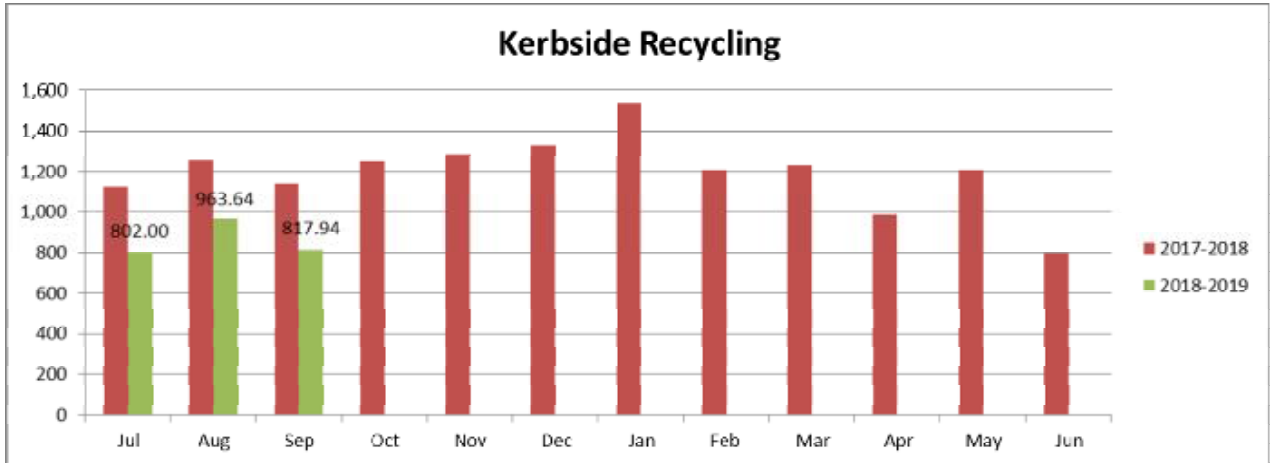
Capex

Budget for the year is \$1,218k with a total spend as at 30 September of \$172k and committed purchase orders of \$28k. \$968k (or 80%) of the budget allocation is for acquisition of bins which are replaced throughout the year as required.

CONCLUSIONS:

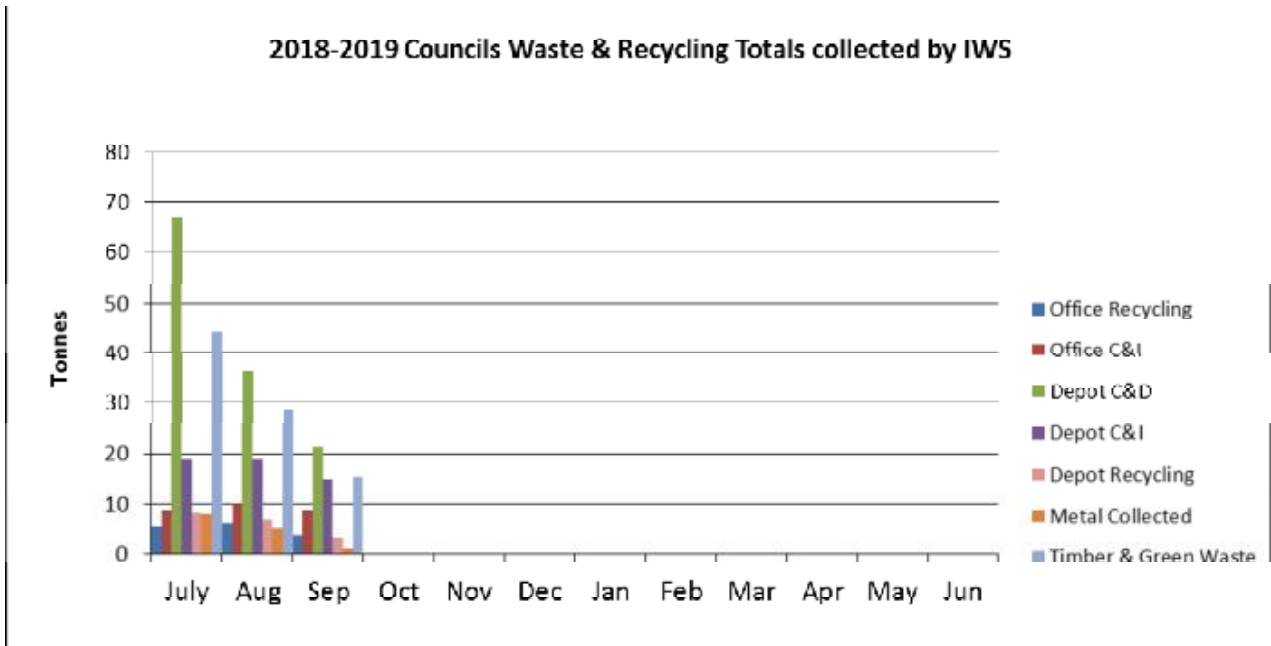
Overall, a satisfactory result.

5.0 WASTE & RECYCLING VOLUMES

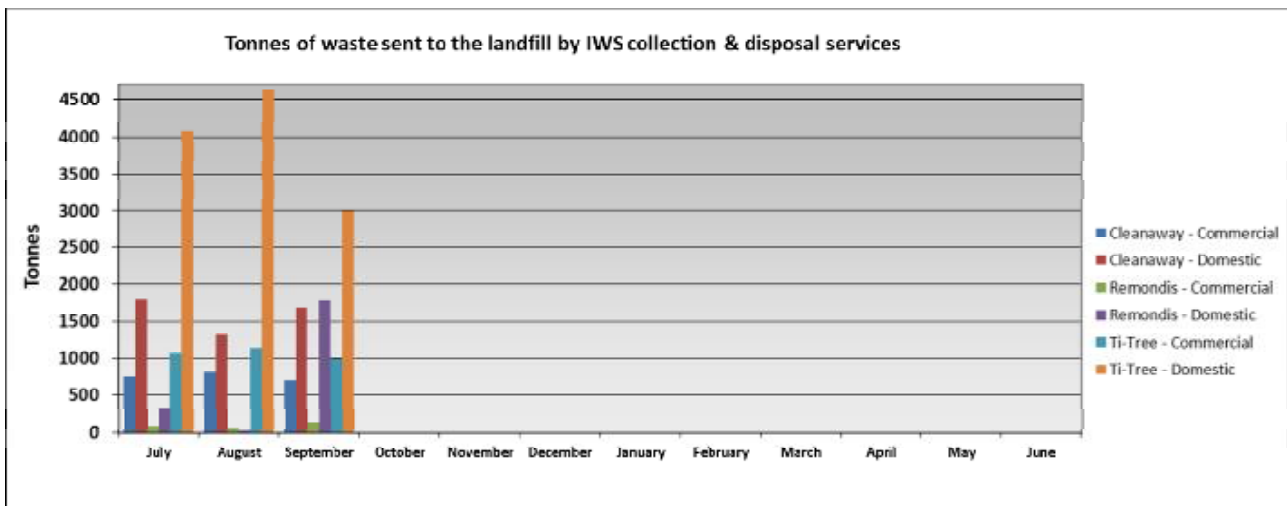


Comment: Recycling Product breakdown data is NOT available

5.1 Council's waste & recycling volumes



5.2 Waste sent to landfill



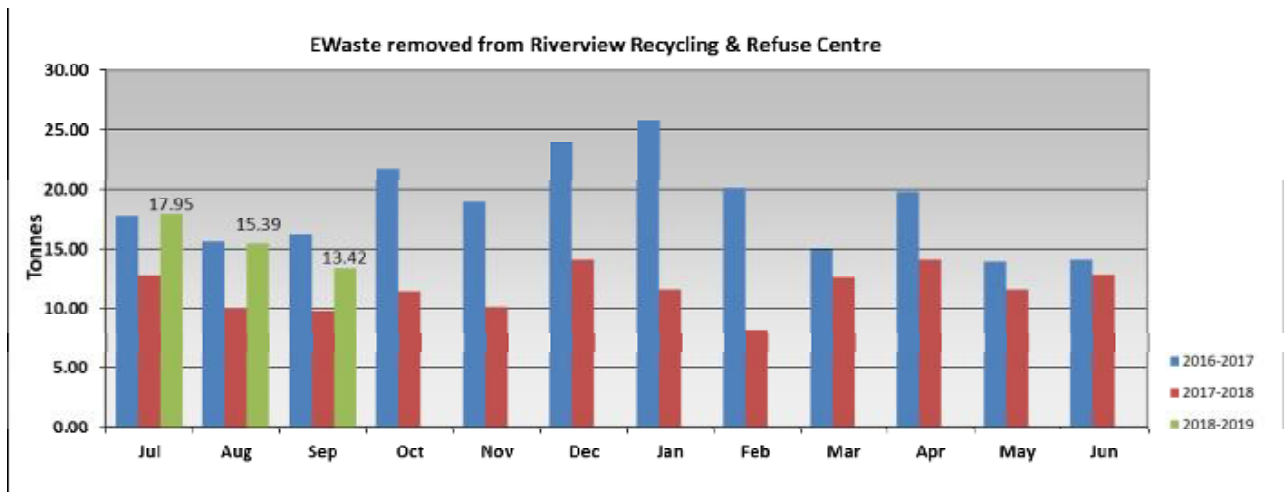
<u>Landfill Name</u>	<u>July</u>	<u>August</u>	<u>September</u>
Cleanaway - Commercial	749.15	812.77	701.32
Cleanaway - Domestic	1805.17	1327.46	1688.13
Remondis - Commercial	79.31	61.17	134.36
Remondis - Domestic	319.02	26.1	1786.76
Ti-Tree - Commercial	1073.54	1146.52	991.74
Ti-Tree - Domestic	4070.58	4621.27	2998.07
	8096.77	7995.29	8300.38

6. RECYCLING & REFUSE CENTRE DATA

6.1 Customer Numbers

Recycling & Refuse Centres Domestic Customer Data						
Month / Year	Riverview			Rosewood		
	2016-2017	2017-2018	2018-2019	2016-2017	2017-2018	2018-2019
Jul	9625	8832	8313	988	917	867
Aug	9315	7018	7978	961	782	812
Sep	8953	7676	8069	979	819	935
Oct	11065	8254		1235	795	
Nov	10159	9078		1023	1021	
Dec	13044	13051		1449	1274	
Jan	14328	12929		1295	1194	
Feb	10887	8320		986	740	
Mar	9817	10862		922	977	
Apr	13017	10674		1163	893	
May	8894	8226		841	763	
Jun	9197	7522		800	756	
Total Year To Date	128301	112442		12642	10931	

6.2 Ewaste volume



7.0 DELEGATION REPORTING

7.1 Officer Attendance at Inspections, Deputations, Conferences, Meetings, Training and Other Functions

In respect to attendances at inspections, deputations, conferences, meetings, training and other functions involving overnight accommodation or travel by air, the Ipswich Waste Services Manager is required to report at three monthly intervals to Council regarding approvals granted under this delegation.

The following Officer attendances are detailed for the quarter:

Employee	Course Facilitate	Approved By

7.2 Approved Study Leave

In respect to approved study leave, the Ipswich Waste Services Manager is required to report at three monthly intervals to Council regarding approvals granted under this delegation.

Nil	
-----	--

8.0 Asset Disposal

The following assets written off from the Portable & Attractive Asset Register in July, August & September 2018.

- Product Destruction Equipment (Full list)



Product Destruction
Equipment Full List.pc

- 2,160x 240lt Wheelie Bins,
- 13x 1100lt Plastic Industrial Bins,
- 15x Data Tablets

Environment Committee	
Mtg Date: 07.11.18	OAR: YES
Authorisation: Bryce Hines	

sas: sas
H:\Departmental\Committee Reports\1810sas SAG.docx

8 October 2018

MEMORANDUM

TO: CHIEF OPERATING OFFICER (WORKS PARKS AND RECREATION)
FROM: BUSINESS SYSTEMS AND SUPPORT COORDINATOR
RE: PROPOSAL TO ABOLISH THE SUSTAINABILITY ADVISORY GROUP

INTRODUCTION:

This is a report by the Business Systems and Support Coordinator dated 8 October 2018 concerning the proposal to abolish the Sustainability Advisory Group.

BACKGROUND:

At the Council Ordinary Meeting held on the 6 December 2016, Council resolved to establish a Sustainability Advisory Board (later retitled to Sustainability Advisory Group) to develop a Sustainability Plan and appointing the Chief Operating Officer (Health Security and Regulatory Services) as project director. A copy of this report is shown in Attachment A.

On the 28 March 2017 Council resolved:

- A. *That the **Sustainable Ipswich – Sustainability Strategy** detailed in Attachment A of the report by the Strategic Policy and Systems Manager dated 20 March 2017 be approved for finalisation and printing.*
- B. *That the document be finalised by the Chairperson of the Sustainability Advisory Board (Mayor Paul Pisasale) and the Chief Operating Officer (Health, Security and Regulatory Services) to meet launch timeframes.*

A copy of this report is shown in Attachment B. The Sustainable Ipswich – Sustainability Strategy is available on Council's webpage and a copy is shown in Attachment C.

The Sustainability Advisory Group met on an ad-hoc, as required basis and minutes from those meetings were presented to Council for noting.

The most recent meeting of the Sustainability Advisory Group was held on the 3 August 2018 and a copy of the minutes (Attachment D) and the amended Terms of Reference (Attachment E) are attached for reference.

DISCUSSION:

The Sustainability Advisory Group was originally established in 2016 to develop a sustainability plan for the City. In March 2017 Council adopted the Sustainable Ipswich-Sustainability Strategy.

However, the Sustainability Advisory Group continued and its membership comprises of former Councillors and Senior Officers only and does not have any decision making powers. All matters discussed at the Sustainability Advisory Group that required a Council resolution was referred to the appropriate Committee for consideration.

Therefore, based on the above it is considered appropriate to abolish the Sustainability Advisory Group and introduce a regular report to Council on the current status of the Sustainability Strategy Implementation Plan.

It is proposed that the first report to Council would be in January 2019 providing an update on the actions between July-December 2018 and there-after on a quarterly basis.

CONCLUSION:

As outlined above Council established a Sustainability Advisory Group in 2016 to develop a sustainability plan for the City. The Sustainable Ipswich – Sustainability Strategy was adopted by Council in March 2017.

The Sustainability Advisory Group has continued and meets on an ad-hoc, as required basis, however, it does not have any decision making powers.

Therefore, it is recommended that the Sustainability Advisory Group be abolished and regular reporting to Council be provided on the status of the Sustainability Strategy Implementation Plan.

ATTACHMENT/S:

Name of Attachment	Attachment
December 2016 Report	 Attachment A
March 2017 report	 Attachment B
Sustainable Ipswich – Sustainability Strategy	 Attachment C
Sustainability Advisory Group Minutes 3 August 2018	 Attachment D
Amended Terms of Reference	 Attachment E

RECOMMENDATION:

That the Interim Administrator of Ipswich City Council resolve:

- A. That the Sustainability Advisory Group, as outlined in the report by the Business Systems and Support Coordinator dated 8 October 2018, be abolished.
- B. That a report be presented to Council in January 2019 providing an update on the status of the Sustainability Strategy Implementation Plan actions for the period July-December 2018 and there-after presentation of quarterly reports.

Sharon Smith

BUSINESS SYSTEMS AND SUPPORT COORDINATOR

I concur with the recommendation/s contained in this report.

Bryce Hines

CHIEF OPERATING OFFICER (WORKS, PARKS AND RECREATION)

City Management, Finance and Community Engagement Board	
Mtg Date: 29.11.16	OAR: YES
Authorisation: Jim Lindsay	

H:\departmental\committee reports\Sustainability.doc

23 November 2016

MEMORANDUM

TO: CHIEF EXECUTIVE OFFICER

FROM: CHIEF OPERATING OFFICER (HEALTH, SECURITY AND REGULATORY SERVICES)

RE: IPSWICH SUSTAINABILITY PLAN

INTRODUCTION:

This is a report by the Chief Operating Officer (Health, Security and Regulatory Services) dated 23 November 2016 concerning the development of a Sustainability Plan for the City of Ipswich. This report was completed following discussions with Mayor Paul Pisasale.

A Sustainability Plan will set the vision, goals and priorities in the areas including emissions reduction; energy, water and waste efficiency; resource optimisation; building design and green infrastructure for both Council and the entire city.

BACKGROUND:

Sustainability refers to an organisation's ability to plan for growth whilst meeting the needs of the present generations without compromising the ability of future generations to meet their needs. It provides a direction for initiatives that contribute positively towards social, economic and environmental benefits for the organisation and the community.

Key areas of consideration in sustainability for Ipswich may include:

- Carbon Footprint and Greenhouse Gas Emission Reductions
- Resource Efficiency
- Energy and Water Efficiency
- Renewable Energy
- Waste Reduction and Optimisation

- Green Star Buildings
- Green Infrastructure and Urban Cooling
- Climate Preparedness and Resilience
- Community and Industry Partnerships
- Ipswich City Council Sustainability Awards

SUSTAINABILITY AGENDA:

The development of a Sustainability Plan is the next step towards Council achieving its sustainability commitments in Advance Ipswich and Smart City initiatives as the City continues to grow. Setting a sustainability vision and targets will require a whole of council response that is both bold and clear to address the challenges of growth and climate change. It is proposed that to progress the development of Council's Sustainability Plan a cross-functional Advisory Committee be established comprising Councillors and Senior Staff representatives, with participation by external stakeholders and subject matter experts as required. The role of the Advisory Committee will be to develop the Sustainability Plan including a framework, sustainability principles, vision, targets and an action plan.

ACHIEVEMENTS TO DATE:

Council has already implemented a number of sustainability initiatives, demonstrating a commitment to innovation and environmental outcomes. These include:

- Ipswich LED Street Lighting Project – Queensland's first large scale retrofit of street lights to energy efficient LED lights.
- Queens Park Lighting Upgrade – LED streetlight retrofit saw a 50% reduction in energy consumption.
- Jim Donald Parklands Stormwater Harvesting – 95% of water demand for sports field irrigation will be supplied through stormwater harvesting.

BENEFITS TO COMMUNITY AND CUSTOMERS:

Benefits include:

- Cost savings in energy and water consumption and the use of renewal energy
- Reduced waste entering landfill through circular economy principles of resource optimisation
- Increased liveability through urban cooling
- Access to green spaces with increased tree cover
- Increased climate preparedness and resilience

CONCLUSION:

Sustainability is a key issue for Council as demonstrated in Advance Ipswich and the Smart City Blueprint. A reduction in Council's carbon footprint and improved environmental outcomes will be of significant benefit to the organisation and the community. To achieve this, it is proposed that Council establish an Advisory Committee to develop a Sustainability Plan. The Advisory Committee is to be made up of Councillor and senior staff representatives, with participation from external stakeholders and subject matter experts.

RECOMMENDATION:

Amended at Council Ordinary Meeting of 6 December 2016

- A. That a Sustainability Advisory ~~Committee~~ Board be established comprising Councillor and senior staff representatives to develop a Sustainability Plan.

- B. That the Chief Operating Officer (Health Security and Regulatory Services) be appointed as the project director.

Sean Madigan

CHIEF OPERATING OFFICER (HEALTH, SECURITY AND REGULATORY SERVICES)

I concur with the recommendation/s contained in this report.

Jim Lindsay

CHIEF EXECUTIVE OFFICER

City Management, Finance & Community Engagement Board	
Mtg Date: 21/3/17	OAR: YES
Authorisation: Sean Madigan	

bd:bd

20 March 2017

MEMORANDUM

TO: CHIEF OPERATING OFFICER (HEALTH, SECURITY AND REGULATORY SERVICES)

FROM: STRATEGIC POLICY AND SYSTEMS MANAGER

RE: "SUSTAINABLE IPSWICH" – COUNCIL'S SUSTAINABILITY STRATEGY

INTRODUCTION:

This is a report by the Strategic Policy and Systems Manager dated 20 March 2017 concerning Council's newly developed "***Sustainable Ipswich – Sustainability Strategy***".

BACKGROUND:

Council's existing sustainability initiatives have placed Council in a great position to responsibly manage the growth of the City whilst achieving sustainability objectives.

The newly developed ***Sustainable Ipswich – Sustainability Strategy*** provides the objective and initiatives that Council intends to lead. The strategy provides a framework for sustainability but as is the case with any public policy, the strategy will need to evolve as our city continues to change and grow.

Council's strategy will follow four key pathways to achieve our sustainability objective:

- Pathway 1:** the promotion of city wide sustainability through education, awareness and community involvement
- Pathway 2:** the protection of urban ecology and the natural environment
- Pathway 3:** corporate sustainability
- Pathway 4:** supporting sustainable industry

Council has established the first Sustainability Advisory Group which includes:

- Mayor Paul Pisasale (Chair)
- Councillor Kerry Silver (Deputy Chair)
- Councillor David Morrison
- Councillor Kylie Stoneman
- Councillor Wayne Wendt
- Councillor Sheila Ireland

The Strategy will be launched on 29 March 2017 by the Mayor, Councillors and the Honourable Dr Steven Miles, Minister for Environment, Heritage Protection and the Minister for National Parks and the Great Barrier Reef.


Copies of the Strategy will be made available on Council’s website. A two page summary will also be designed based on the content of the Strategy to provide a visual ‘infographic’ of the key messages within the Strategy.

CONCLUSION:

Council’s existing sustainability initiatives have placed Council in a great position to responsibly manage the growth of the City whilst achieving sustainability objectives.

The newly developed ***Sustainable Ipswich – Sustainability Strategy*** provides the objective and initiatives that Council intends to lead with the community’s input.

ATTACHMENT:

Name of Attachment	Attachment
Sustainable Ipswich – Sustainability Strategy <u>Attachment A amended at CMFCE Ctee No. 2017(03) of 21 March 2017 for finalisation and printing.</u>	 Attachment A <u>Attachment A</u>

RECOMMENDATION:

[Amended CMFCE Ctee No. 2017\(03\) of 21 March 2017](#)

- That the ***Sustainable Ipswich – Sustainability Strategy*** detailed in Attachment A of the report by the Strategic Policy and Systems Manager dated 20 March 2017 be approved for finalisation and printing.
- That the document be finalised by the Chairperson of the ~~Sustainable Sustainability~~ Advisory ~~Group Board~~ (Mayor Paul Pisasale) and the Chief Operating Officer (Health, Security and Regulatory Services) to meet launch timeframes.

Barbara Dart
STRATEGIC POLICY AND SYSTEMS MANAGER

I concur with the recommendations contained in this report.

Sean Madigan

CHIEF OPERATING OFFICER (HEALTH SECURITY AND REGULATORY SERVICES)

Sustainable Ipswich

Ipswich City Council Sustainability Strategy

This strategy is about managing the growth of our city by working together with the community, industry and other levels of government to protect and enhance our environment and its liveability for current and future generations.



Join us online:



ipswich.qld.gov.au



City of
Ipswich

*Protecting this view for
many generations.*





Table of Contents

- 1.0 Introduction 1
- 2.0 Sustainability Advisory Group 2
- 3.0 Sustainability Pathways 3
- 4.0 Our Sustainability Achievements 7
 - 4.1 Nature Conservation..... 7
 - 4.1.1 The Conservation Works Program 7
 - 4.1.2 Maintaining Biodiversity 7
 - 4.1.3 Greenspace Networks 7
 - 4.1.4 Landholder Partnerships 8
 - 4.1.5 Education, Awareness and Community Involvement..... 8
 - 4.1.6 Waterway Health and Flood Management 9
 - 4.2 Corporate Sustainability 10
 - 4.2.1 Energy Efficiency and Carbon Emissions 10
 - 4.2.2 Water Consumption Efficiency..... 11
 - 4.2.3 Waste Management..... 11
 - 4.2.4 Sustainable Procurement 12
 - 4.3 Ipswich City Council Planning 12
 - 4.3.1 Settlement Pattern and Compact Urban Form..... 13
 - 4.3.2 Land Supply 13
 - 4.3.3 Native Vegetation Clearing and Consolidation and Preservation of Natural Areas 13
 - 4.3.4 Responsive Design 14
 - 4.3.5 Responding to Hazards and Constraints..... 14
 - 4.3.6 Rural Lands 15
 - 4.3.7 Protection and Adaptive Reuse of Character Buildings (Pre-1946 buildings) 15
 - 4.3.8 Erosion Management and Water Quality 16
 - 4.4 City of Ipswich Transport Plan (iGO)..... 16
 - 4.4.1 Facilitating travel mode choices 17
 - 4.4.2 Transport and land use integration 17
 - 4.4.3 Culture Shift 17
 - 4.5 Sustainable Road Design and Construction 17
 - 4.6 Smart City Initiatives 18

What does sustainability mean to your local representative



"Sustainability is the ability to sustain, it's our responsibility."

Councillor David Morrison
Division 1



"It is to take care of our environment so that our environment can continue to take care of us."

Councillor Cheryl Bromage
Division 6



"Sustainability supports proper long term environmental and financial outcomes."

Deputy Mayor Paul Tully
Division 2



"Sustainability to me is about ensuring that the Ipswich of the future is a liveable, connected, prosperous and cohesive community that values the environment."

Councillor Andrew Antonioli
Division 7



"Sustainability is collaboratively working to create the longevity of our desired lifestyle for future generations."

Councillor Kerry Silver
Division 3



"To raise awareness, better understanding and implement practice within the wider Community."

Councillor Charlie Pisasale
Division 8



"We need foresight and smart thinking to manage sustainable growth."

Councillor Kylie Stoneman
Division 4



"Keeping the environment safe, for generations to come."

Councillor Sheila Ireland
Division 9



"We need to plan to live within the resources offered by our planet without damaging our environment now, or in the future."

Councillor Wayne Wendt
Division 5



"We all need to ensure that Council sets the benchmark as a good Corporate Citizen, in line with community expectations to protect and enhance our natural environment for future generations."

Councillor David Pahlke
Division 10

Mayor's Message

The City of Ipswich is currently experiencing a period of unprecedented growth driven by the demand for land and the population increase in south east Queensland. Whilst it is important that the Council continues to promote economic growth in the city, we must work in partnership with the community, the private sector and other levels of government to ensure that our environment continues to be protected and enhanced for the benefit of current and future generations. Sustainability is everyone's responsibility and we are launching this strategy to facilitate ideas, activity and engagement across our community.

Council has developed this Sustainability Strategy to clearly state our sustainability objective and the pathways that we will follow to achieve the objective. The strategy incorporates aspects of urban ecology, natural environment, partnerships, and community based education and awareness programs. The Sustainability Strategy is aspirational, as we continue to be a leader in terms of our corporate and city-wide sustainability through collaboration with the community, other levels of government and the private sector.

We recognise that sustainability requires a whole of city approach, designed to harness the knowledge, experience and enthusiasm of our diverse community for the benefit of current and future generations. As part of this strategy, Council

has established a Sustainability Advisory Group comprised of Councillors and members of the community, educational sector, industry and other levels of government. The group will meet regularly to discuss ideas and initiatives that will help shape our sustainability journey, or you can email your local Councillor with ideas.

The development of this strategy is an exciting initiative for our great city and I encourage the entire community to support our ongoing commitment to sustainability.

I would also like to thank the Hon Dr Steven Miles, Minister for Environment and Heritage Protection and Minister for National Parks and Great Barrier Reef, for signing a Memorandum of Understanding to support us with this important initiative.



Mayor Paul Pisasale
City of Ipswich

Chair of Sustainability
Advisory Group

What does sustainability mean to us and how can we all achieve success together?

Council has been working with the Koala Protection Society to protect our koala population and its habitat.

"Ipswich Koala Protection Society has for the past 23 years been rescuing, rehabilitation and releasing sick, injured and orphaned koalas into the wild, consulting and delivering education, maintaining accurate mapping, statistics and records with Council and stakeholders. We are recognised for our professionalism, experience and expertise in our field."

Sustainability is working together to ensure the indefinite conservation and protection of the environment whilst recognising the need for future growth."

Ipswich Koala Protection Society





1.0 Introduction

The World Commission on Environment and Development (1987) provided an early and still widely accepted definition of sustainability as being the ability to “meet the needs of the present without compromising the ability of future generations to meet their own needs”. It should be noted that sustainability is not only about protecting the environment, even though environmental stewardship is an integral part of sustainability. To achieve sustainability, an organization must consider environmental, social and economic elements as each of these play a vital role.

In the last fifteen years Ipswich has encountered a resurgence in economic prosperity as the availability of affordable land and housing in south east Queensland has reduced and domestic and commercial buyers have entered the Ipswich market. In the last 10 years the population of Ipswich has increased significantly with a current population exceeding 200,000 and projected to be in excess of 500,000 residents by 2041 (ShapingSEQ – Draft South East Queensland Regional Plan October 2016). With the current economic and population growth occurring in the city of Ipswich, Council needs to sustainably balance the needs of today against the needs of tomorrow.

The development of this sustainability strategy is a continuation of the Ipswich City Council’s longstanding commitment to sustainability. Council has already implemented some outstanding initiatives such as:

- **The securing of approximately 6,400 ha as part of Council’s Natural Area Conservation Program which provides for the city’s biodiversity as well as an area for the community to re-connect with nature through low-impact nature based recreational activities.**
- **Council has provided a strong focus on creating partnerships with local landholders aimed at protecting the natural environment on private land. Council offers different ways for residents to be involved under this initiative and allows for properties from urban sized blocks to large rural blocks to participate. These partnerships are designed to support a sustainable city by protecting areas of**

natural environment on private land, increase awareness and promote sustainable living. There are over 1,000 active partnerships across the city; this includes around 7,000 ha registered under one of Council’s Voluntary Conservation Agreements and 11,403 ha under a Land for Wildlife agreement.

- **The retrofitting of 2,500 streetlights across the city to energy efficient LED technology in 2015. As the highest consumer of electricity, accounting for 47% of overall corporate energy consumption, this street lighting efficiency initiative saves on energy usage and maintenance costs, as well as reducing Council carbon emissions by 376 tonnes CO²-e per year.**

Our existing sustainability initiatives have placed Council in a great position to responsibly manage the growth of the City whilst achieving our sustainability objective.

The Sustainability Strategy recognises the important role that the Council has to play in relation to climate change. At the 21st United Nations Framework Convention on Climate Change in December 2015, the Australian government signed the Paris Agreement which commits to limiting increase in global temperatures to ‘well below 2°C’ while pursuing efforts to keep warming ‘to 1.5°C’. In order to achieve this, the Australian government has set a target of reducing carbon emissions by 26 to 28 per cent below 2005 levels by 2030. The Queensland government has also committed to significant reductions in carbon emissions across Queensland as part of their climate change strategy. Ipswich City Council recognises that we have a significant role to play in achieving these targets and are committed to doing so through aspects of this sustainability strategy including reducing our organisational carbon footprint and increasing the use of renewable resources.

This sustainability strategy provides the objective and initiatives that Council intends to lead in order to achieve the stated objective. The strategy provides a framework for sustainability but as is the case with any public policy, the strategy will need to evolve as our city continues to change and grow.

Council will provide an annual update to the community



2.0 Sustainability Advisory Group

in relation to this strategy to ensure that the community is informed and engaged throughout our sustainability journey.

Council has established the first Sustainability Advisory Group comprised of the following Councillors:

- Mayor Paul Pisasale (Chair)
- Councillor Kerry Silver (Deputy Chair)
- Councillor David Morrison
- Councillor Kylie Stoneman
- Councillor Wayne Wendt
- Councillor Sheila Ireland

The group will also include invited members of the community from groups such as students, industry representatives and any other areas needed for success. The board will meet on a regular basis to consider our sustainability position, provide leadership on emerging issues and trends and identify opportunities for improvement.

Sustainability requires a whole of city approach with support and input from the community, other levels of government and the private sector. The advisory group is seeking written submissions from the community, educational sector, the private sector and other levels of government to assist us in achieving our sustainability objective. These submissions provide an opportunity for everyone to be involved in our sustainability journey.

Written submissions can be provided to Ipswich City Council via email, post or hand delivered and should be addressed to the Sustainability Advisory Group.

Email: sustainableipswich@ipswich.qld.gov.au

Post: PO Box 191, Ipswich QLD 4305

Hand Delivery: Customer Contact Centre
143 Brisbane Street, Ipswich
Planning and Development Counter
Ground floor, 45 Roderick Street, Ipswich

Mayor's Office
Level 2, 45 Roderick Street, Ipswich

Council's Objective

This strategy is about managing the growth of our city by working together with the community, industry and other levels of government to protect and enhance our environment and its liveability for current and future generations.

3.0 Sustainability Pathways



The Ipswich City Council Sustainability Strategy will follow four pathways to achieve our sustainability objective.

Pathway 1:

The promotion of city wide sustainability through education, awareness and community involvement

Key Targets:

- Minimum 10,000 residents (incl. students) will be participating in conservation and sustainability activities each year.
- 20 schools will be actively involved in the Youth Sustainability Summit by 2021 (Inaugural Summit commences 2017).

The involvement of the community in making Ipswich a sustainable and livable city is critical and necessary as we share the responsibility to create the city we all want to live in. Council is preparing to initiate a number of new activities, with some already in action, to build capacity within the community and to bring awareness, shared stories and practical knowledge to our residents. These include:

- **Inaugural Youth Sustainability Summit 2017:** In partnership with external stakeholders such as the State Government, academia, community groups and the private sector, Ipswich City Council will hold an annual Youth Sustainability Summit in October 2017, with schools invited to attend and actively participate.
- **Ipswich City Council Sustainability Awards:** Council will formally recognise and reward outstanding achievement in sustainability by community groups, individuals, schools and the private sector.
- **DigiCon Digital Application:** a collaborative effort with Fire Station 101 to support a start-up business within the tech community to develop a digital solution to engage the community with the natural areas of Ipswich.
- **Koala Conservation:** In partnership with Ipswich Koala Protection Society, natural resources groups and eligible landholders, Council is building a network of koala habitat properties across the city to increase valuable koala habitat corridors. Release sites for koalas are being identified in Council's Conservation Estates and Reserves, where pest animal control programs will be designed to reduce the risk of wild dog attack.



Pathway 2:

The protection of urban ecology and the natural environment

- Key Targets:**
- 150,000 new trees planted by 2021 .
 - 15,000 hectares of public and private land will be managed for conservation outcomes by 2021 .

Environmental integrity and resilience is one of the cornerstones of sustainability. To ensure that Ipswich maintains and supports environmental sustainability into the future, Council will continue to lead programs and activities that encompass the natural environment as well as elements of urban ecology. The initiatives that Council will lead to achieve this pathway are:

- Management, protection and enhancement of Council owned conservation estates.
- Continuation and expansion of existing environmental programs under the **Ipswich EnviroPlan**.

- Natural environment regeneration to achieve healthier waterways.
- Resource recovery and the circular economy.
- **Beautiful Ipswich** is an Ipswich City Council initiative that aims to beautify major thoroughfares and streetscapes, create attractive parks and recreational pathways and improve waterways throughout time-honoured suburbs. It also supports the community helping to beautify their own streets.
- Reduction in city wide greenhouse gas emissions/carbon footprint through mechanisms such as renewable energy.
- A strong regulatory framework with dedicated environmental compliance officers.



Pathway 3:

Corporate sustainability

- Key Targets:**
- Council will work with partners towards becoming a carbon neutral organisation by 2021.
 - Council will deliver a 100% roll out of domestic green waste collection services by 2021.
 - Council will explore the establishment of a local glass reuse system in concrete used by Council for all types of works (mandated minimum local glass content in concrete supplied to Council as part of procurement conditions).
 - Council will explore the establishment of a local concrete recycling process to be used by Council in Council drainage works (mandated locally recycled concrete supplied to Council as part of procurement conditions).

sustainable business practices and delivering high quality services to the Ipswich community.

- **Auditing, monitoring and analysis** - of Council’s resource consumption, and identifying areas for improved efficiency.
- **Good governance** – lead, promote and integrate environmental sustainability into the operations of Council.
- **Buy Smarter** – achieve value for money on a whole of life basis and reduce environmental impacts through responsible procurement practices.
- **Use Less** – exercise efficient and effective management of resource consumption across Council facilities.
- **Reduction** – in Councils organisational greenhouse gas emissions/Carbon footprint.
- **Waste Less** – reduce waste generated and maximize on opportunities for resource recovery through Council operations.

At Ipswich City Council, sustainable communities are supported through our demonstrated commitment to



Pathway 4:

Supporting sustainable industry

Key Targets:

- 10,000 tonnes of waste will be diverted from landfill so it can be reprocessed and add value to local product and industry.
- Council will promote the establishment of a Bio-diesel Plant by industry in the Ipswich area.

Council recognises existing and future sustainable industries and businesses in Ipswich are important partners that must be engaged with to achieve city wide sustainability. Council will engage with these industries through:

- Partnerships with industry and local businesses to promote sustainability across the city.
- Promotion of existing industries recognised as being involved in sustainable industry practices.
- Attraction of sustainable industries and businesses to Ipswich.
- The **City of Ipswich Bio Futures Summit** will bring together all levels of government and the private sector, to discuss strategies that embrace a Bio Futures agenda that stimulate investment, and create high value and knowledge intensive jobs for the region. Discussions will focus on bio energy and product development, renewable energy solutions, industrial ecological precincts and a road map to support the growth of the industry across the city.
- To support existing and future sustainable industries and businesses in Ipswich, Council has undertaken a number of initiatives and is seeking to build momentum for further development of sustainable industries and businesses. Some of the activities done to date include:
 - **Renewable Power** – investigations into solar farms and the purchase of green power.
 - **Materials Recovery** - Council participates in the Council of Mayors working groups to work collectively to build momentum in the waste sector for the commercialisation of new resource recovery businesses that supports a circular economy approach.

4.0 Our Sustainability Achievements

Council's focus on sustainability and protecting our natural environment has created the foundation from which we will continue to achieve and build upon. Ipswich City Council has already introduced a large number of successful initiatives that align with our sustainability pathways. These initiatives include our planning scheme, Ipswich EnviroPlan, environmental education programs, protection of koala habitat and partnerships within our community. The following sections provide just some examples of the great programs that have been implemented by Council that all contribute to protecting and enhancing the sustainability of our city.

4.1 Nature Conservation

The strategic vision for achieving nature conservation outcomes in Ipswich is set within the **Ipswich Nature Conservation Strategy 2015**. The very first Ipswich Nature Conservation Strategy was developed in 2000 as a means of directing the implementation of the **Ipswich EnviroPlan**, the city's environmental levy which was introduced in 1996. Enviroplan assists Council in delivering vital programs such as:

- The Conservation Works Program
- Matters of Local Environmental Significance
- Iconic Species Program
- Voluntary Conservation Agreements and Landholder Partnerships
- Education, Awareness and Community Involvement.

4.1.1 The Conservation Works Program

Through the EnviroPlan Acquisition Program Council has secured valuable conservation areas across the city since the late 1990s. Today approximately 6,400 ha makes part of Council's Natural Area Estate and are managed through the Conservation Works Program. These areas provide a refuge for the city's biodiversity as well as an area for the community to re-connect with nature through low-impact nature based recreational activities.

4.1.2 Maintaining Biodiversity

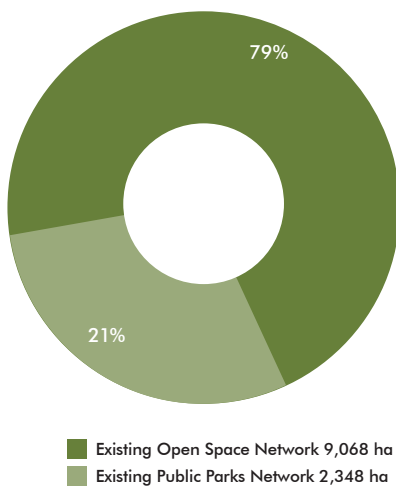
Ipswich supports over 1,600 native flora and fauna species, of these, almost 2% are listed as either endangered or vulnerable under state and/or federal legislation. Council has undertaken a Biocondition Assessment of the Natural Area Estate to benchmark the current state and to inform biodiversity improvement actions over time. Other current biodiversity programs include a focus on iconic species such as the brush-tailed rock wallaby habitat improvement project, participation in Platypus Watch surveys and the development of a Koala Habitat Management Plan.

4.1.3 Greenspace Networks

The creation and maintenance of open space and public park networks play an integral role in the environmental, social and economic sustainability of the city. Ipswich currently has an open space network of 9,068 ha and an existing public parks network of 2,348 ha.



Existing Open Space Breakdown



4.1.4 Landholder Partnerships

Since the establishment of the Ipswich EnviroPlan, Council has provided strong focus on creating partnerships with local landholders aimed at protecting the natural environment on private land. Council offers different ways for residents to be involved under this initiative and allows for properties from urban sized blocks to large rural blocks to participate. These partnerships are designed to support a sustainable city by protecting areas of natural environment on private land, increase awareness and promote sustainable living. By joining one of Council's landholder partnerships, partners may have access to multiple incentives (depending on

level of agreement) including financial assistance, funding opportunities, technical support and free resources and events.

There are over 1,000 active partnerships across the city; this includes around 7,000 ha registered under one of Council's Voluntary Conservation Agreements and 11,403 ha under a Land for Wildlife agreement.

4.1.5 Education, Awareness and Community Involvement

Council has multiple ways in which it engages and educates the community in regards to nature conservation as well as sustainability. Ipswich City Council has been delivering sustainability education since the start of the 'What a Waste' education program in 2006. This has since grown into the **EnviroEd Program** which now includes additional programs targeted at school aged children in Ipswich to promote sustainable living.

Council also delivers on a number of other community awareness activities designed to engage residents, most recently, this has been in the shape and form of:

- **The Ipswich EnviroForum** – starting in 2014, this is an annual conference style event which brings interested community members and professionals together to learn about and discuss current trends and projects within the sustainability industry;
- **The EnviroPlan Photographic Competition** – encourages community members to get outside and engaging with the city's natural environment.

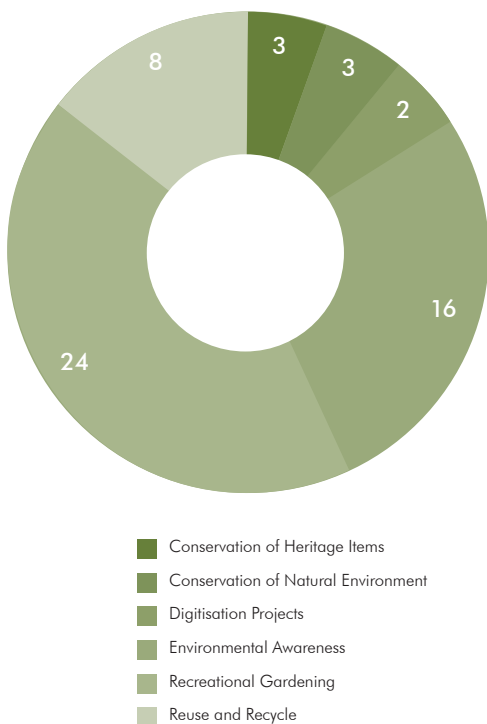
- Tree planting days, such as **Trees for Mum**, encourages the community to get involved through revegetation of the City's urban environment.
- **Father's Day Fishing Fest** – the focus of this annual event is to reconnect the community with the City's important waterways by providing a fun and educational setting, promoting sustainable management of our rivers.

Ipswich Libraries offer a range of public programs which support sustainability in the community and is inclusive of all ages. These sessions are developed and delivered by Library staff as part of regular programs such as themed Story Time and Makerspace, as well as the engagement of external presenters with knowledge and expertise in fields such as:

- Grow Your Own Organic Food presented by Roman Spur.
- Urban Harvest presented by Claire Bickle.
- The Climate Problem by Dr John Price.
- The Potted Garden by Noel Burdette.

In the last twelve months Ipswich Libraries has delivered 56 programs/workshops/events that align to Council's sustainability strategy, within the categories of heritage conservation, conservation of the natural environment, heritage digitisation projects, environmental awareness, recreational and sustainable gardening and reuse/repurpose/recycle.

Ipswich Libraries Programs Supporting Sustainability in the Community



Ipswich Libraries also provide research and reference support to the community through databases and journals that inform and educate, these can be used in the library or from home. Authoritative information sources such as the Science Reference Centre can be accessed online by using a library membership card, current information on climate change, endangered and threatened species, environmental issues, invasive species, global warming, hazardous waste and landfills are just a few of the sustainability topics that are explored in depth. The library service also has a range of documentaries and books to inform and engage the community across the full domain of the sustainability agenda.

4.1.6 Waterway Health and Flood Management

Since the introduction of the SEQ Healthy Waterways Partnership's annual score card in 2001, Ipswich has received poor or very poor ratings for its waterway conditions. Council places a strong focus on waterway rehabilitation through a number of plans, policies and actions.

Ipswich City Council's Integrated Water Strategy, adopted in 2015, establishes a framework for the management of Ipswich's water cycle in accordance with a total water cycle management approach.

The Waterway Health Strategy, first introduced in 2009 and currently under review, was developed to assist Council with the management and enhancement of the city's natural waterways.

Council also recently released the **Floodplain Management Strategy**, which aims to increase community resilience to floods whilst recognising floodplains as valuable and sustainable resources.

Amongst the tools used to deliver these strategies, other Council initiatives include:

- **Stormwater Quality Offsets** – currently a number of stormwater quality offset projects are underway. These have multiple outcomes for the community, including urban stormwater treatment and harvesting, reduced sediment transport and improved waterway health, improved aesthetic values, erosion control, bank stabilisation and more.
- **Habitat Connection** - now in its fourth year, the Habitat Connection program directs dedicated funding to urban waterways, primarily focused on increasing riparian vegetation within linear parklands. This program actively engages individuals and community groups through planting days and community events.
- The construction of Queensland's longest **fish ladder** in 2016, allowing native fish species easy upstream access within the Bremer River.

4.2 Corporate Sustainability

At Ipswich City Council, sustainable communities are supported through our demonstrated commitment to sustainable business practice and delivering high quality services to the Ipswich community. To date, this includes the auditing, monitoring and analysis of Council's resource consumption, identifying areas for improved efficiency.

4.2.1 Energy Efficiency and Carbon Emissions

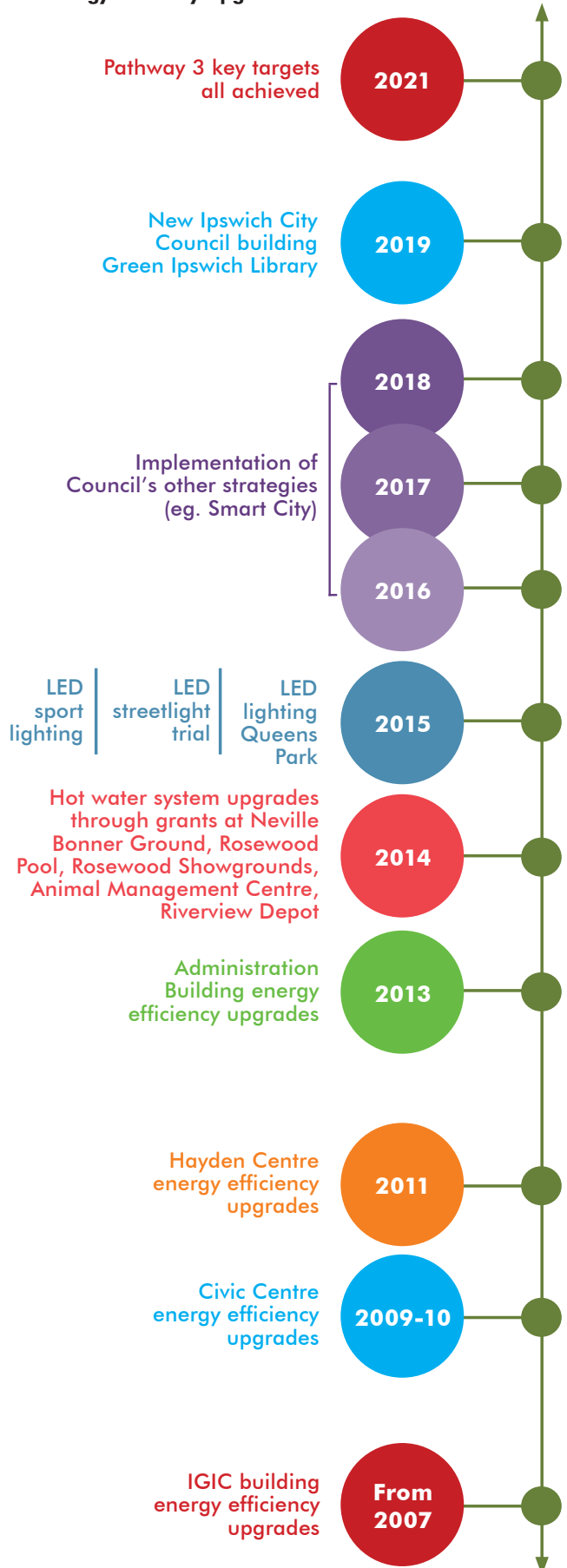
Council has for some time recognised that local governments have a role to play in relation to the reduction of greenhouse gas emissions and our carbon footprint. Over the past decade, Council has focused on improving energy efficiency across its facilities via the implementation of a range of energy saving initiatives. A key project completed includes the retrofitting of 2,500 streetlights across the city to energy efficient LED technology in 2015. As the highest consumer of electricity, accounting for 47% of overall corporate energy consumption, this street lighting efficiency initiative saves on energy usage and maintenance costs, as well as reducing Council carbon emissions by 376, tonnes CO²-e per year.

Ipswich City Council was also one of the first councils in Australia to implement LED lighting on a sports field, which was done at Woodend Park in 2013. The following timeline outlines some other energy efficiency upgrades which have been implemented at Council facilities, such as:

- retrofitting of lighting to more energy efficient types
- replacement of air conditioning units to more efficient versions
- installation of light control systems
- upgrade of lift control systems to high energy efficient control gear
- installation of time controlled water boilers.

The timeline also indicates the future targets and achievements Council will make up until 2021.

Energy Efficiency Upgrades at Council Facilities





Council also actively monitors and reduces fuel consumption across Council's fleet and has over the past five years, reduced its fleet by approximately 16%. The Ipswich City Council Green Workplace Travel Plan is designed to assist in this fleet reduction by offering or promoting other means of travel for Council employees.

Other initiatives implemented with the aim of increasing efficiency around fuel usage includes the installation of telematics systems in Council's waste trucks to allow for increased understanding of current fuel consumption.

4.2.2 Water Consumption Efficiency

Council uses water in a range of activities and settings across the open space network as well as buildings and other Council facilities providing drinking, cleaning, swimming, sanitary, and amenity functions. The majority of water is used for irrigation purposes.

Council currently has 24 sports fields using alternative water sources for irrigation to reduce potable water use. Approximately 32% of sports fields in Ipswich are irrigated using an alternative water source or a mixture of potable and bore/river water. A key project, recently finalised, is the provision of stormwater harvesting systems at Jim Donald Parkland and Redbank Plains Recreation Reserve, reducing Council's reliance on town water for irrigation. In addition, Council now mainly uses river water for irrigation across a number of sports fields, including: North Ipswich Reserve, Woodend Park, Cribb Park and Ivor Marsden Sports Field.

4.2.3 Waste Management

As a large city, Ipswich produces a significant amount of waste that the Council manages. The Council currently provides 73,344 domestic general refuse services weekly and 12,865 green waste services fortnightly. Through sustainability related initiatives such as the recycling and green waste services Council has achieved the following:

- **Material diverted from landfill by domestic recycling collection service per year = 13,263 tonnes.**
- **Amount of material diverted from landfill by green waste service since its commencement in Sep 2011 = 15,033 tonnes.**
- **Waste diverted from landfill from the Recycling and Refuse Centres per year = 18,619 tonnes.**

Council, as any other organisation, generates waste through day to day business within its offices as well as depots and other locations and activities. As a result of an internal waste audit conducted in 2006, Council adopted an internal recycling program which included:

- provision of bin stations including general waste, recycling and paper and cardboard recycling
- removal of desk waste bins
- printer cartridge recycling.

In 2016, Council also started investigating the introduction of drum musters across the depot sites to encourage the collection of used chemical containers for recycling.

4.2.4 Sustainable Procurement

Sustainable procurement is a process whereby organisations meet their needs for goods, services and capital projects, in a way that achieves value for money on a whole life basis in terms of generating benefits not only to the organisation, but also to society, the economy and the natural environment.

Council’s procurement processes are designed to be consistent with and ensure compliance with the five Sound Contracting Principles set out in the *Local Government Act 2009* namely:

- value for money
- open and effective competition
- the development of competitive local business and industry
- environmental protection
- ethical behaviour and fair dealing.

As part of its sustainability plan, Council will further embed the principles of sustainability within its procurement activities in order to deliver value for money whilst actively considering social, ethical, environmental and economic impacts throughout the procurement process.

4.3 Ipswich City Council Planning

Land use planning and assessment of new developments are undertaken within a framework of State government legislation, policies and plans. The State government framework requires that land use planning (including the Ipswich Planning Scheme) and development assessment activities facilitate the achievement of ‘ecological sustainability’ by integrating the protection of ecological processes and natural systems, economic development and the maintenance of cultural, economic, physical and social wellbeing of people and communities.



2,500 lights across the city retrofitted to energy efficient LED technology.



The Ipswich Planning Scheme incorporates a number of key policies to facilitate ecological sustainability as follows.

4.3.1 Settlement Pattern and Compact Urban Form

- In establishing the urban footprint of the city, areas with significant habitat and environmental values (for example, the vegetated hills surrounding Ripley Valley) were set aside/excluded from being developed for urban purposes.
- Promotion of a compact urban form including increased densities and mix of uses in and around centres that provide supporting services and facilities, and which reduces the need for additional allocation of urban land in rural and natural areas.
- Increased densities in proximity to public transport hubs and corridors, and in and around centres, to support access by public and active transport and to promote linked trips, reduced trip lengths and number of trips by private motor vehicle to assist in reducing carbon and pollutant emission levels associated with travel.

4.3.2 Land Supply

- Identification of a sufficient land supply (serviced or serviceable) to accommodate urban growth to support affordable living, economic and community development outcomes whilst conserving ecological systems and environmental values. The current Ipswich Planning Scheme has land identified to accommodate 25 years residential growth, as set out in draft Shaping SEQ (new SEQ Regional Plan) negating the need to allocate further areas of the city for urban development to accommodate the forecast growth.
- Significant land supply/capacity to facilitate employment and productivity growth, particularly in centres and in regional business and industry areas. Provides a variety of land types and locations to accommodate a diversity of economic development and to improve access for Ipswich residents to local jobs and employment.

4.3.3 Native Vegetation Clearing and Consolidation and Preservation of Natural Areas

- A development application is required for the clearing of native vegetation where exceeding a prescribed area over time (certain exemptions have to be applied in relation to agricultural activities).
- A policy mechanism to deliver 'nil net loss' of native vegetation in the city to support opportunities and solutions to retain native vegetation on developable land. Where vegetation retention is not feasible, the cleared vegetation is to be offset by planting of compensatory vegetation within the city.

- To properly assess the impacts associated with clearing native vegetation and important areas of wildlife habitat (including watercourses and wetlands), an Environmental Management Plan is required.
- Protection and rehabilitation of connections between the greenspace network. In particular, reflecting the importance of vegetation along creeks and major watercourses, development and works are to be located outside of, or have to avoid significant adverse effects on, important remnant vegetation and riparian areas along designated watercourses.
- Recreation and Conservation Zones are used for land containing valuable natural features and areas and which may also serve a connectivity, linkage and/or drainage function;
- The zoning of land that is subject to nature conservation agreement with Council are generally changed to Rural E (Special Land Management) Zone to ensure the ongoing protection and conservation of the environmental values.

4.3.4 Responsive Design

- New development has to be responsive to natural features such as difficult topography, hazards and constraints, significant riparian corridors and vegetation etc. Building orientation and design is required to take into consideration the Ipswich climate, and minimise the reliance on non-renewable energy for heating, cooling and ventilation as far as is possible.
- Landscaping is undertaken in a way to assist in microclimate management and energy conservation and efficiency (maximising summer shade and access to winter sunshine).

4.3.5 Responding to Hazards and Constraints

- Setting of land use policy responses (based on risk) to hazards such as flooding, bushfire, steep slopes etc. This includes preventing uses established in areas where there are significant risks to the use (eg intensification of housing in areas of significant risk of flooding).
- Land uses policies utilise the best available information such as the comprehensive flood study for the Brisbane River Catchment, State government Bushfire Mapping and latest topographical information to manage risks from natural hazards.
- Land is zoned and developed having proper regard to constraints such as mining, operations of RAAF Base Amberley, key resource areas, noise sources such as Willowbank Raceway etc. to minimise as far as possible potential conflicts between land uses (eg noise impacts on housing).





4.3.6 Rural Lands

- Identification of Good Quality Agricultural Land (GQAL) and its conservation for commercial agricultural production purposes through zoning of the land.
- Rural areas are conserved and protected from incompatible uses such as urban residential (refer also to 4.1.1) to ensure their continued capacity to accommodate rural activities.
- Creating new rural lots through subdivision is to lead to no net increase in the number of lots in the Rural Locality (ie creation of an additional rural lot requires the amalgamation of other rural land) to discourage further fragmentation of rural lands and promote the consolidation of primary production, conservation and constrained lands.
- The consolidation of rural land (refer above) is supported by 'Transferable Dwelling Entitlements' that provide for 'rural housing' to be moved from vacant primary production areas, rural conservation zoned land, rural (special land management) zoned land and other constrained rural lands to appropriate locations that have access to services and away from other rural uses that may impact on residential amenity.
- Provide opportunities for 'natural area tourism' and 'eco-tourism', particularly within trail destination parks, tourist focus precincts and regional parks. Wherever possible sites used for buildings and related works for 'eco-tourism' and other uses are encouraged to encompass existing cleared land, or land outside principal conservation areas to ensure that the values of the areas are protected whilst providing opportunities for public access to, and use of the areas.

4.3.7 Protection and Adaptive Reuse of Character Buildings (Pre-1946 buildings)

- The planning scheme provisions 'protect' more than 7,000 character buildings in the city with a presumption against their demolition.
- To support the viability of retaining character buildings, appropriate adaptive reuse for commercial, business or other related uses adding an additional type of commercial building to the mix and reducing the need for new builds is supported. Additionally, concessions and incentives are provided to keep character buildings (eg reduced application fees, infrastructure contributions and car parking standards) through reuse.
- Council runs a Heritage Program to support the owners of character buildings through the Heritage Adviser Service and to raise awareness of the important

contribution heritage makes to the city through education activities (seminars, publications, scholarships, partnerships) and recognition and celebration of the work of individuals and groups in the community in conserving the heritage of the city, delivering well designed development and conserving the natural environment (Council Awards for Excellence that also included a student category).

4.3.8 Erosion Management and Water Quality

- Management of sediment run-off and erosion during earthworks development in areas containing dispersive soils is undertaken during development to ensure that sediment is properly controlled and does not enter creeks and rivers.
- Stormwater discharge must not degrade the water quality of receiving environments.
- Water quality control methods are designed in accordance with Water Sensitive Urban Design (WSUD) techniques.
- Voluntary Offset Contributions Scheme (in appropriate areas) to allow pooling of funding to deliver regional or sub-regional solutions is provided for. These can be combined where appropriate with other offsets to maximise 'investment' returns and outcomes (refer to 4.1.3).

4.4 City of Ipswich Transport Plan (iGO)

Transport plays a fundamental part of our daily lives. In a rapidly growing city, getting transport right is the foundation for jobs growth and protecting our lifestyle.

The City of Ipswich Transport Plan (branded as iGO) is Council's strategic transport plan which was adopted by Council in June 2016. It is a longer term high level document that outlines Council's aspirations, master plan and over 200 actions to advance the city's transport system to a sustainable future.

The key message from iGO is that whilst private vehicle use will continue to play a role in our daily lives, adding more and more road space just for cars is not a sustainable practice from an economic, financial, social or environmental perspective.





As such, the key outcomes of iGO are:

4.4.1 Facilitating Travel Mode Choices

iGO aims to reduce Ipswich resident's dependency on the car by facilitating meaningful travel mode choices through the provision of quality public and active transport systems and incentives/disincentives (particularly for white collar commuter and school trips).

4.4.2 Transport and Land Use Integration

iGO outlines the need to foster the development of:

- strong, compact and connected mixed use activity centres ("20 minute city" idea)
- complete communities ("10 minute neighbourhood" idea)
- higher density living in proximity to public transport nodes and corridors.

4.4.3 Culture Shift

Clever new thinking and strong civic leadership to make sustainable transport decisions. This includes new 'non-traditional' attitudes such as:

- promoting travel behavior change for certain trips
- taking a demand management approach to parking, road network performance and traffic congestion (not demand satisfaction)
- balancing the needs of all users in the design and management of roads
- embracing the development and uptake of new transport related technology
- influencing institutional frameworks (i.e. employee core work hours and locations)
- using innovation in regards to the cost, affordability, funding and financing of new infrastructure.

A copy of iGO can be downloaded from Council's website at lpswich.qld.gov.au

4.5 Sustainable Road Design and Construction

As the city continues to grow Council is required to build and maintain infrastructure to support the growth. Council aims to do this sustainably through the following practices:

- Matching levels to existing driveways/footpaths therefore eliminating the need to rebuild them fully and reduce future maintenance.
- Existing pavement levels can be matched where possible

to reduce the amount of pavement reconstruction.

- Balancing earthworks to reduce the amount of embankment to be bought on site or the amount of cut to be removed from site.
- On larger projects, allowance for topsoil to be stripped, stored on site and reused if suitable.
- Existing signage and line marking is assessed and reused if possible in the new design.
- Water Sensitive Urban Design:
 - treating stormwater to meet water quality objectives for reuse and/or discharge
 - SQUID – stormwater quality improvement devices
 - encouraging infiltration into the ground where possible, instead of drainage system augmentation
 - use of vegetation for stormwater filtering purposes
 - improving waterway health and ensuring ecological corridors are not severed i.e. fish passage
 - water-efficient landscaping to reduce potable water consumption
 - we consider the whole lifecycle of a design – materials are selected considering their embodied energy, projected life and maintenance required.

4.6 Smart City Initiatives

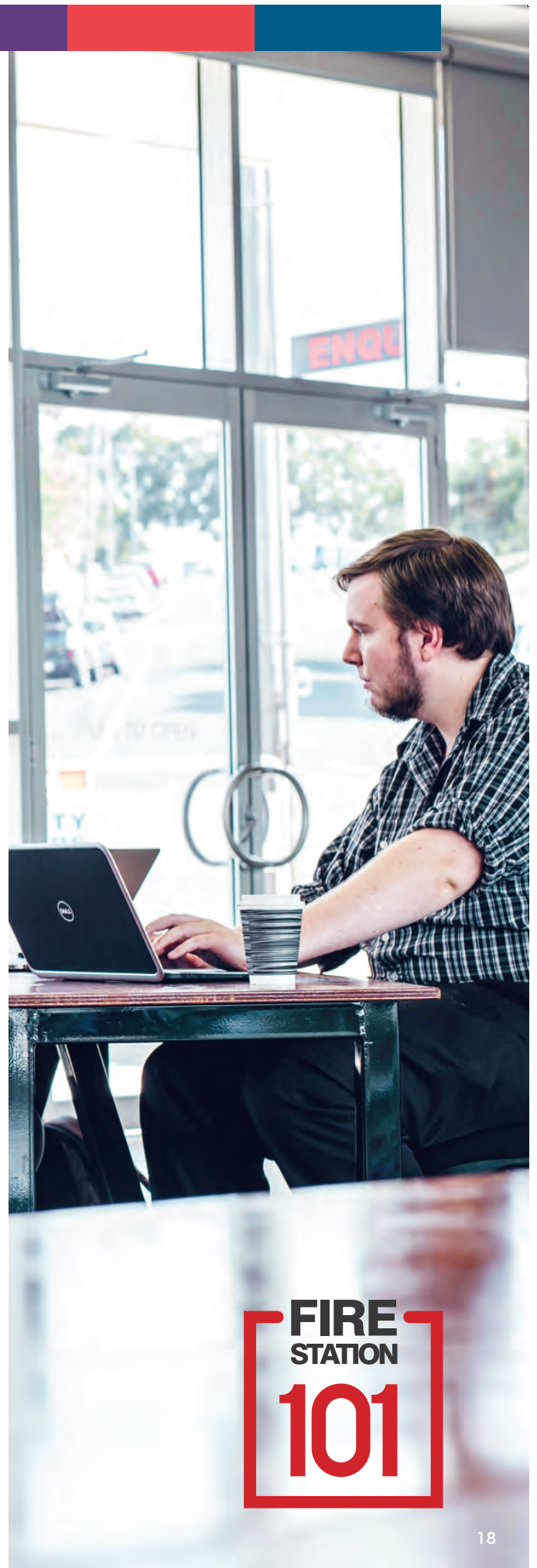
Open Data: Enable and encourage public access and reuse of city datasets. Allow the community and market to develop innovation solutions and stimulate engagement in the positive progress of our city.

Application Studio: Citizen-centric solutions through digital council services. Front-end developers, back-end programmers, user interface and user experience designers in agile collaboration on council challenges.

Build and Learn: Enhance digital literacy across ages and abilities through resourceful co-creation. Skilling and re-skilling makers through a program of coordinated challenges and events focused on science, technology, engineering, arts and mathematics.

Drones Program: Revolutionise efficiency, accuracy and timeliness of large scale nature reserve monitoring. Adaptable data collection and analysis leading to ongoing innovation solutions.

Pilot Project: Testbed venue for Smart Lighting, Sports Facilities, Smart Buildings, Safe City, Smart Parks, Eco-Village and Health Lab initiatives.





City of
Ipswich

Ipswich City Council
45 Roderick Street
PO Box 191, Ipswich
QLD 4305, Australia

Phone (07) 3810 6666
Fax (07) 3810 6731
council@ipswich.qld.gov.au
ipswich.qld.gov.au



Join us online:



This strategy is important for our future generations.
Sustainability is everyone's responsibility and starts with you.

SUSTAINABILITY ADVISORY GROUP MINUTES

Time: 10.00am
Date: Friday, 3 August 2018
Location: Claremont Room

Attendees:

Cr Wendt (Chair), Cr Ireland, Cr Silver, Cr Stoneman, Allison Grant, Ben Pole, Nick Vass-Bowen, Graham Schultz, Bryce Hines, Kaye Cavanagh and Sharon Smith

Apologies:

Nicole Grant; Tiffany Rees

Meeting opened at 10.00am

ITEM NO	ITEM DESCRIPTION	ACTION
Administration		
1.	Terms of Reference – Proposed Changes	The amended Terms of Reference be endorsed. Accepted
2.	Meeting Dates for Remainder of 2018 <ul style="list-style-type: none"> • 27 September 2018 – 2pm to 4pm in the Claremont Room • 18 December 2018 – 2pm to 4pm in the Claremont Room 	Accepted
3.	Current SAG Action List Update	That the Sustainability Advisory Group notes the previous discussions, status and allocated responsibilities for these actions. Accepted
4.	Sustainability Strategy Implementation Plan	That an update on the Sustainable Ipswich actions is provided to the Sustainability Advisory Group on a six monthly basis. Accepted
Pathway 1 – Sustainability through education, awareness and community involvement		
5.	1 Million Women (1MW) App Partnership	That the Sustainability Action Group note the status update of the 1MW App. Accepted

ITEM NO	ITEM DESCRIPTION	ACTION
Pathway 2 – Protection of urban ecology and the natural environment Nil items		
Pathway 3 – Corporate sustainability		
6.	Carbon Reduction Strategy Update	That the Sustainability Action Group endorses the development and adoption of a carbon reduction strategy similar to the Logan City Council Carbon Reduction Strategy Action Plan (March 2018). Accepted
Pathway 4 – Supporting sustainable industry		
7.	Cities Power Partnership	That the Sustainability Advisory Group endorses the participation of Council in the Climate Council’s Cities Power Partnership (CPP), to be presented to the Conservation and Environment Committee for adoption. Accepted
General Business:		
8.	Bryce Hines outlined an update on the LMS solar farm on Council’s Whitwood Road site: <ul style="list-style-type: none"> • DA has been lodged. • WPR staff are meeting with LMS this afternoon to discuss project. • Stage 1 includes 1.5MW of solar power being generated. 	The Sustainability Action Group requested that the Chief Operating Officer (Works Parks and Recreation) liaise with LMS to ensure appropriate signage at the site is installed indicating the partnership with Council.
9.	Bryce Hines provided an update on a sub-regional proposal to partner with Logan, Lockyer Valley, Somerset Regional, Toowoomba and Somerset councils. <ul style="list-style-type: none"> • Meeting with all parties other than Toowoomba to be held on 17 August 2018. • Discussion to include a proposed Heads of Agreement to enter into a partnership for a sub-regional EOI for waste management. • A sub-regional EOI, if successful, will provide approx. 200,000 tonne of waste that would provide greater opportunities and success from the EOI. 	Noted

ITEM NO	ITEM DESCRIPTION	ACTION
10.	Kaye Cavanagh provided an update on the Youth Sustainability Summit.	Noted
Next Meeting		
11.	The next meeting will be held on Thursday, 27 September 2018 commencing at 2.00pm in the Claremont Room.	

Meeting closed at 10.47am



1.1 OBJECTIVES:

The objectives of the Sustainability Advisory Group are:

- To assist Ipswich City Council in achieving the objectives as outlined in the Ipswich City Council Sustainability Strategy, Sustainable Ipswich using the following four pathways:
 1. Promoting city wide sustainability through education, awareness and community involvement.
 2. Protecting the city's urban ecology and natural environment
 3. Promoting corporate sustainability
 4. Supporting sustainable industry

1.2 TERMS OF REFERENCE

1.2.1 Authority:

The Group is empowered by Ipswich City Council to carry out the functions and responsibilities as detailed in its objectives.

1.2.2 Membership

- a) The Group shall be comprised of Council and external representatives such as community members, private sector any other representatives as determined by Council. The process of community/external nominations to the Sustainability Advisory Group will be determined by Council.
- b) The Sustainability Advisory Group shall notify the Conservation and Environment Committee of any vacancy in its membership and submit the name of a person/s considered to be suitable for appointment. The Conservation and Environment Committee will make recommendations to Council to decide whether to appoint the recommended person/s.
- c) The Group may use the services of other persons.
- d) If any member is approached by the Media to provide comment on matters relating to the Group, permission to communicate with them must be sought via the Chair of the Group.

1.2.3 Meetings:

- a) The Sustainability Advisory Group shall meet on a quarterly basis nominally each March, June, September and December or as determined by Council.
- b) Quarterly meetings will be endorsed each December for the coming year.
- c) Special meetings of the Group may be called by the Chair or Deputy Chair of the Group.

1.2.4 Office Bearers:

- a) A Chair and Deputy Chair for the Group shall be appointed by Council.
- b) In the absence of the Chair for a meeting of the Group, the Deputy Chair shall chair the meeting; in the absence of both, a Councillor shall chair the meeting.
- c) To hold a valid Group meeting there must be a quorum of at least half the membership, one of which must be a Councillor.

1.2.5 Secretarial Support:

Ipswich City Council will provide secretarial support to the Sustainability Advisory Group, including the taking of minutes and preparation of agendas.

1.2.6 Agendas and Minutes:

- a) Agenda items must be forwarded to the Sustainability Advisory Group administrator at two weeks prior to the relevant meeting for inclusion on the Agenda.
- b) Agendas will be emailed to the Group the week prior to the next scheduled meeting allowing sufficient time for perusal prior to the meeting.
- c) Minutes of previous meetings will be included with the next meeting agenda for endorsement by the Sustainability Advisory Group.
- d) Minutes once endorsed by the Sustainability Advisory Group will be presented to the next scheduled Conservation and Environment Committee for information and action as required.

1.2.7 Reporting Procedure:

Reports requiring Council consideration and/or decision are to be directed to Council (Conservation and Environment Committee) without delay via the Sustainability Advisory Group administrator.

1.2.8 Duties of Members:

- a) To promptly consider matters referred to the Group by Council & community.
- b) To consider matters as determined by the Group which will assist the Group to achieve its objectives.
- c) To report to Council on matters associated with the Group's objectives which require Council consideration and/or decision.
- d) To follow the procedure outlined below where issues arise that pertain to facilities or services outside the ownership or control of Council:
 - A member may raise an issue at a Group meeting for the purpose of informing the members.
 - The issue should be listed on Agenda as per Clause 1.2.7.
 - In cases of emergency the issue can be raised under General Business.

1.2.9 Community Consultation:

- a) The Group may seek input from the public and appropriate community groups on matters relative to its purpose.
- b) Community members and guest speakers may be invited to attend a meeting by prior agreement of the Group.

1.2.10 Conflict of Interest:

A conflict of interest exists when a member has a personal interest in an issue being considered or to be considered at a meeting of the Group. In those circumstances the member must advise the meeting that they have, or may have, a conflict of interest.

The Chair will decide on the most appropriate course of action being that:

- a) The Chair considers that a conflict of interest does not exist, and the member may remain in the meeting.
- b) The Chair considers that a conflict of interest does exist, and the member:
 - Vacates the meeting during discussion of the issue.
 - Withdraws from attendance at the meeting until the issue is resolved.
 - Resigns their membership from the Group.

The minute taker must ensure the declaration is recorded in the Minutes of the meeting.

The record must include:

- a) The nature of the conflict of interest as described by the member; and
- b) How the Chair dealt with the conflict of interest.

1.2.11 Funds

- a) The Group shall not hold any funds.
- b) The Group shall not incur any liabilities or authorise any expenditure.

2. Contact Officer

The contact officer for the Sustainability Advisory Group is the Sustainability Advisory Group administrator - Sharon Smith

Email: sustainableipswich@ipswich.qld.gov.au

Phone: 07 3810 6581