

Reference: AF12/377

1<sup>st</sup> June, 2016

## MEMBERS

**NOTICE** is given that the Environmental Sustainability Sub-Committee will meet in the following Meeting Room on the day, date and time as follows:

**Environmental Sustainability Sub-Committee**  
(*Conference Room – Level 1*):

Tuesday, 7<sup>th</sup> June 2016 at 7:30 a.m.

An agenda for the meeting is enclosed.



**Mark McSHANE**  
CHIEF EXECUTIVE OFFICER

## CONFLICT OF INTEREST DISCLOSURE FORM

I \_\_\_\_\_,  
(insert name)

have received a copy of the agenda for the  ordinary  special meeting of the

\_\_\_\_\_  Council  Committee  Board  
(insert full name of Committee/Sub-Committee/Board)

to be held on: \_\_\_\_\_  
(insert date of meeting)

### CONFLICT OF INTEREST DISCLOSURE

I consider that I have a:

**material** conflict of interest pursuant to section 73 (complete and sign below)

**actual** or  **perceived** conflict of interest pursuant to section 74 (complete and sign overleaf)

of the *Local Government Act 1999* ("the LG Act") in relation to the following agenda item:

\_\_\_\_\_  
(insert details - include Agenda Item No, Report Number, Item/Report Subject Title)

which is to be discussed at that meeting.

## MATERIAL

The nature of my **material** conflict of interest is as follows [*ensure sufficient detail is recorded, including the reasons why you (or a person prescribed in section 73(1) of the LG Act) stands to obtain a benefit or suffer a loss depending on the outcome of the consideration of the matter at the meeting of the Council in relation to the agenda item described above*]:

In accordance with section 74(1)(b) I will be leaving the meeting room while the matter is being discussed and voted on.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

In accordance with section 75A(2)(b) I propose  to  not to participate in the meeting in relation to the matter.

## ACTUAL

The nature of my **actual** conflict of interest is as follows *[ensure sufficient detail is recorded, including the reasons why the conflict between your interests and the public interests might lead to a decision that is contrary to the public interest in relation to the agenda item described above]:*

Where I have proposed to participate in the meeting I intend to deal with my **actual** conflict of interest in the following transparent and accountable way *[ensure sufficient detail is recorded as to the manner in which you intend to deal with the actual conflict of interest in a transparent and accountable way].*

OR

## PERCEIVED

The nature of the **perceived** conflict of interest is as follows *[ensure sufficient detail is recorded, including the reasons why you consider that an impartial fair-minded person could reasonably consider that you have a perceived conflict of interest in the matter].*

Where I have proposed to participate I intend to deal with the **perceived** conflict of interest in the following transparent and accountable way *[ensure sufficient detail is recorded as to the manner in which you intend to deal with the perceived conflict of interest in a transparent and accountable way].*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

ENVIRONMENTAL SUSTAINABILITY SUB-COMMITTEE  
Meeting to be held on Tuesday, 7<sup>th</sup> June 2016 at 7.30 a.m.

AGENDA

1. GOVERNMENT RELATIONS - Local Government Act 1999 Legislation and Regulations - Ref. AF11/1309
2. ENVIRONMENTAL MANAGEMENT – Programme Management – Environmental Waste Management and Education Program – Environmental Sustainability Film Club - Ref. AF11/408
3. ENVIRONMENTAL MANAGEMENT – solar photovoltaic Systems Maintenance – Mount Gambier Solar System Update – Ref. AF15/319
4. ENVIRONMENTAL MANAGEMENT – Environmental Waste Management and Education Program – Organics Attitudes and Practices Survey - Ref. AF11/408
5. ENVIRONMENTAL MANAGEMENT - Environmental Sustainability Sub-Committee - Reports for Information - Ref. AF12/377

ENVIRONMENTAL SUSTAINABILITY SUB-COMMITTEE

Meeting to be held in the Conference Room, Operational Services Area, Level One of Civic Centre,  
10 Watson Terrace, Mount Gambier, on Tuesday 7<sup>th</sup> June 2016 at 7:30 a.m.

AGENDA

PRESENT: Cr I Von Stanke (Presiding Member)  
Crs P Richardson and S Mezinac

COUNCIL OFFICERS: Daryl Sexton, Director - Operational Services  
Aaron Izzard, Environmental Sustainability Officer  
Carmel Ron, Environmental Sustainability Officer  
Sarah Moretti, Administration Officer - Operational Services

APOLOGIES: moved the apology received from Cr D Mutton be  
accepted.

seconded

COUNCIL MEMBERS  
AS OBSERVERS:

**WE ACKNOWLEDGE THE BOANDIK PEOPLES AS THE TRADITIONAL CUSTODIANS OF THE LAND WHERE WE MEET TODAY. WE RESPECT THEIR SPIRITUAL RELATIONSHIP WITH THE LAND AND RECOGNISE THE DEEP FEELINGS OF ATTACHMENT OUR INDIGENOUS PEOPLES HAVE WITH THIS LAND.**

MINUTES: moved that the minutes of the previous meeting held on  
Tuesday, 5<sup>th</sup> April 2016 be taken as read and confirmed.

seconded

QUESTIONS: (a) With Notice - nil submitted.  
(b) Without Notice -

**1. GOVERNMENT RELATIONS - Local Government Act 1999 Legislation and Regulations -  
Ref. AF11/1309**

*Goal: Governance*

*Strategic Objective: Demonstrate innovative and responsive organisational governance.*

The Director Operational Services reported:

- (a) The commencement date for the Accountability and Governance amendments to the Local Government Act 1999 was proclaimed in the SA Government Gazette on 31<sup>st</sup> March 2016;
- (b) provisions that directly affect Elected Members include:
  - Conflict of Interest/Disclosure provisions
  - Informal Workshops
  - Register of Interest/Ordinary Return provisions
- (c) Corporate and Community Services Report 24/2016 was provided at the Council Meeting on 20<sup>th</sup> April 2016 (copy attached) which outlined the above provisions and the effect on Elected Members.

moved it be recommended:

- (a) The report be received and noted for information.

seconded

Environmental Sustainability Sub-Committee Agenda for 7<sup>th</sup> June 2016 Cont'd...

**2. ENVIRONMENTAL MANAGEMENT – Programme Management – Environmental Waste Management and Education Program – Environmental Sustainability Film Club - Ref. AF11/408**

*Goal:* Environment

*Strategic Objective:* (i) use every opportunity to increase the level of community understanding and awareness of the necessity of environmental sustainability

The Environmental Sustainability Officer reported:

- (a) As part of the effort to educate and engage the community on issues regarding environmental sustainability, a variety of materials are necessary. Written materials are one avenue for disseminating information and messages to the public and form a large part of the education and engagement strategy for the City of Mount Gambier.
- (b) Whilst this approach is important, exploring other forms of communication is equally valuable. One avenue which presents opportunities for exploring ideas, conveying messages and teaching lessons is film. Films and documentaries can be used to connect a range of audiences to an idea and creates an experience which educates and engages.
- (c) As part of Council's commitment to embracing environmental sustainability and working towards making improvements in the area, the Environmental Sustainability Film Club has been established.
- (d) The Environmental Sustainability Film Club will be run in conjunction with the Mount Gambier Library and will offer a range of sustainability films and documentaries to the local high schools to begin with. As sustainability has become more emphasized in the curriculum, the Council program aims to complement the teachers' classes with an interactive and engaging excursion and exercise. The program will focus on year 8-11 students and will offer students an alternative learning experience. Apart from enhancing the knowledge and discussion of environmental sustainability among youth in our community the program can add value to the other areas of learning within the curriculum, including media studies; politics; geography and English.
- (e) The topics covered by the films will include; climate change; environment; energy; gardening; globalization; food; natural resources ; sustainable building; wild life; waste and water.

The program will be run over the 2016/2017 school year and sessions will be hosted at the Mount Gambier Library. All the local high schools and youth engagement groups in the community will be approached and offered the chance to participate. The list of possible films which can be screened will be sent out and teachers can arrange a suitable time with the environmental sustainability officer to screen the film for students/youth.

- (f) Following the first year, based on the feedback of teachers and students, the program could be expanded to the general public.

moved it be recommended:

- (a) The report be received and contents noted.

seconded

Environmental Sustainability Sub-Committee Agenda for 7<sup>th</sup> June 2016 Cont'd...

**3. ENVIRONMENTAL MANAGEMENT – Solar Photovoltaic Systems Maintenance – Mount Gambier Solar System Update - Ref. AF15/319**

*Goal: Environment*

*Strategic Objective: (i) Systematically build Council as an as an environmentally sustainable organisation*

The Environmental Sustainability Officer reported:

- (a) In 2015 a 57kW solar system was installed on the roof of the Mount Gambier Library. It was switched on at the end of May 2015. As such, it has now been operational for 12 months.
- (b) In those 12 months the system has produced over 78,500 kWh of electricity. That is enough electricity to power an average sized South Australian home for over 13 years.
- (c) Below are the figures on how much the Library solar system has reduced the Library's electricity use by month:
- May 21.3% reduction
  - April 27.3% reduction
  - March 63.7% reduction
  - February 32.4% reduction
  - January 35.6% reduction
  - December 32.4% reduction
  - November 40.6% reduction
  - October 38.0% reduction
  - September 25.5% reduction
  - August 17.9% reduction
  - July 15.4% reduction
  - June 11.3% reduction
- (d) That's an average reduction of 30.1% per month. Prior to the installation Council was informed that the system would only ever produce 25-30% of the Library's electricity needs – due to how much electricity the site uses, and the limited roof space. Hence, the system is producing on the upper end of that estimate.
- (e) Below are the estimates from the Keppel Prince tender, compared against the actual production indicated on the inverters in the Library.

	<b>Keppel Prince Estimate</b>	<b>Actual Production</b>
Expected annual total electricity production kWh (first year)	77,088	78,477
Estimated average daily kWh production (first year)	211	215

The electricity produced by the solar system is the equivalent of offsetting 44 tonnes CO<sub>2</sub>-e.

moved it be recommended:

- (a) The report be received;

seconded

Environmental Sustainability Sub-Committee Agenda for 7<sup>th</sup> June 2016 Cont'd...

**4. ENVIRONMENTAL MANAGEMENT – Environmental Waste Management and Education Program – Organics Attitudes and Practices Survey - Ref. AF11/408**

Goal: Environment

Strategic Objective: (i) Use every opportunity to increase the level of understanding and awareness of the necessity of environmental sustainability

The Environmental Sustainability Officer reported:

(a) At the 17 March 2015 Council meeting the following resolution was passed:

*“in the 2015/2016 financial year, offer free kitchen caddies and bio-bags to the first 2,000 subscribers to the Organics kerbside service who want them, in line with Scenario 2 of the Blue Environment modelling. The approximate cost of \$15,300 to be referred to the 2015/2016 budget. This should be followed up with a survey of users, as well as random anonymous organics bin audits in October 2015 to assess the performance of the system”;*

The kitchen caddies have been purchased and distribution will commence this month.

(b) As part of assessing the performance of the 12 month trial of kitchen caddies a waste audit was conducted in February 2016. The results were reported to the Environmental Sustainability Sub-Committee in April 2016.

(c) Another aspect of the performance assessment is conducting a survey before and after the trial. In March 2016 residents were surveyed regarding their attitudes and practices in relation to organic waste management. The surveys were distributed online via “Have Your Say”, and hard copies were made available at the entrance of the Mount Gambier Library.

(d) In total 53 people responded to the survey. The following is a break down of the demographics of respondents:

- Female – 68%
- Male – 32%
- 18-24 – 2%
- 25-34 – 23%
- 35-44 – 15%
- 45-54 – 24%
- 55-64 – 15%
- 65+ - 21%

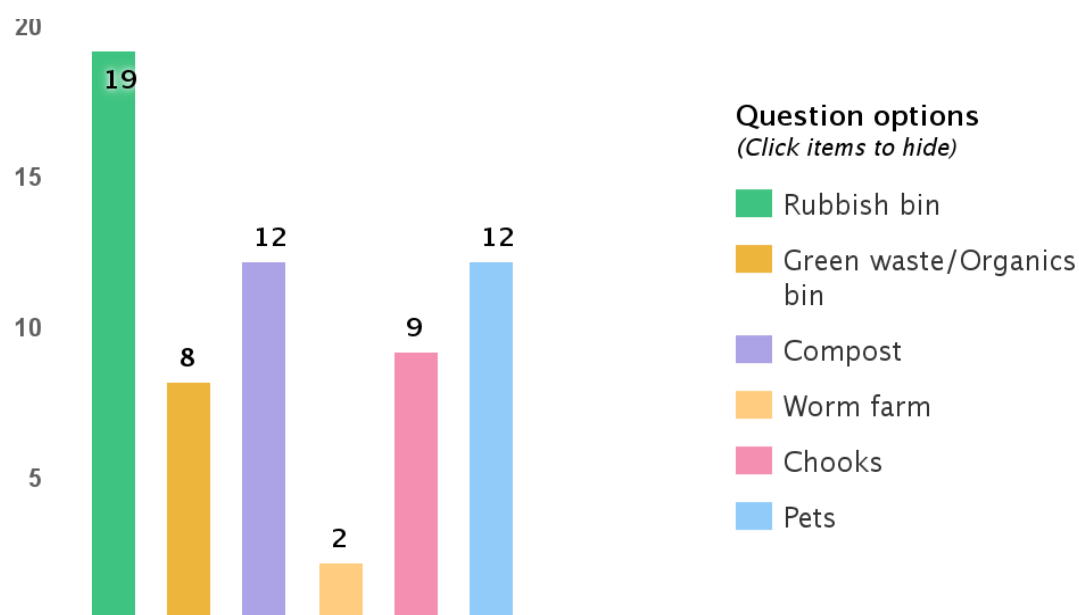


Environmental Sustainability Sub-Committee Agenda for 7<sup>th</sup> June 2016 Cont'd...

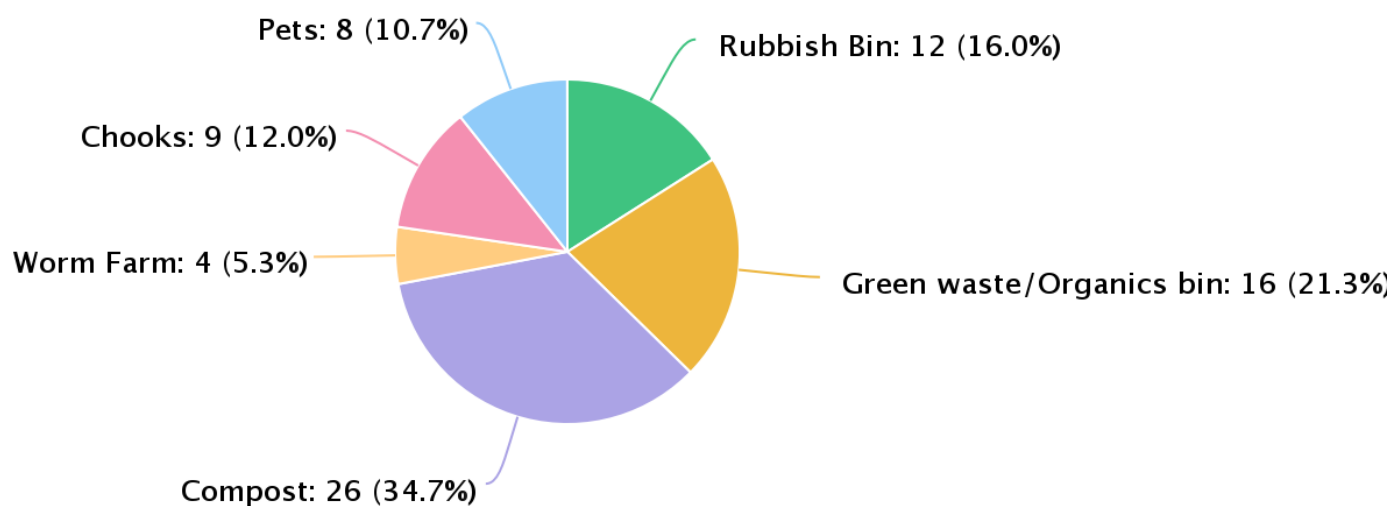
- (e) The following are questions from the survey, and summary of responses:

**How do you dispose of the following organic waste items?**

Left Overs:

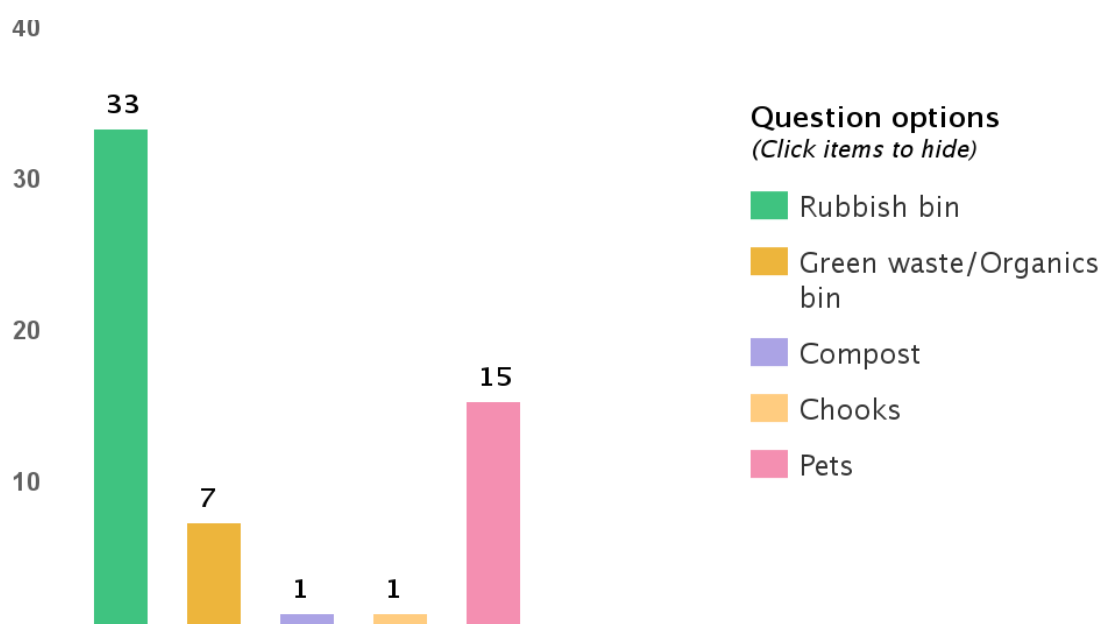


Vegetable Scraps:

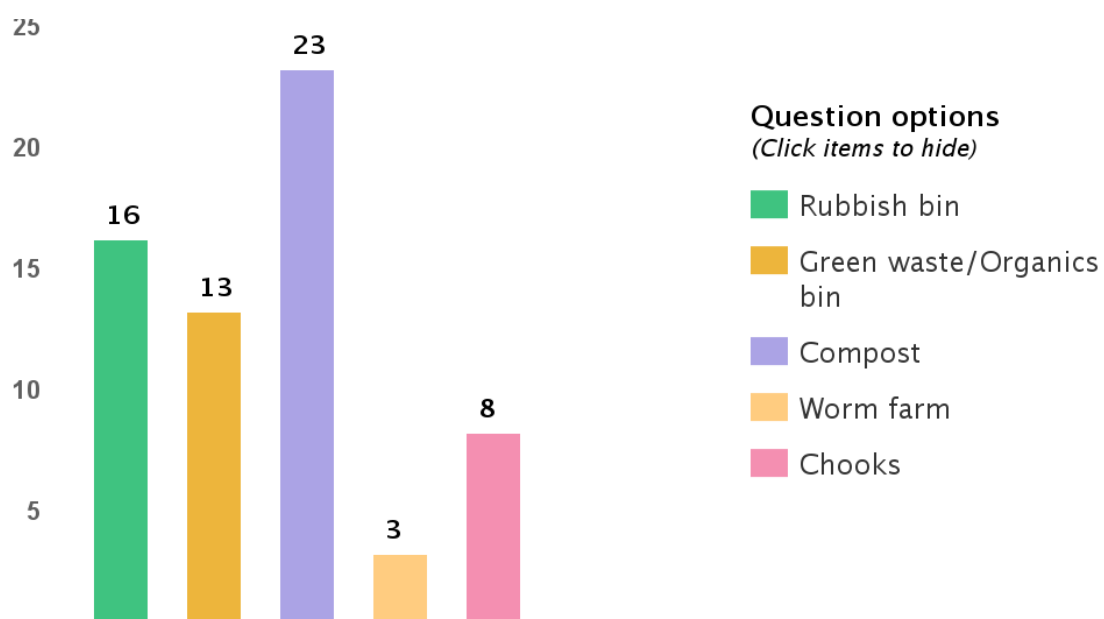


Environmental Sustainability Sub-Committee Agenda for 7<sup>th</sup> June 2016 Cont'd...

Meat Scraps:

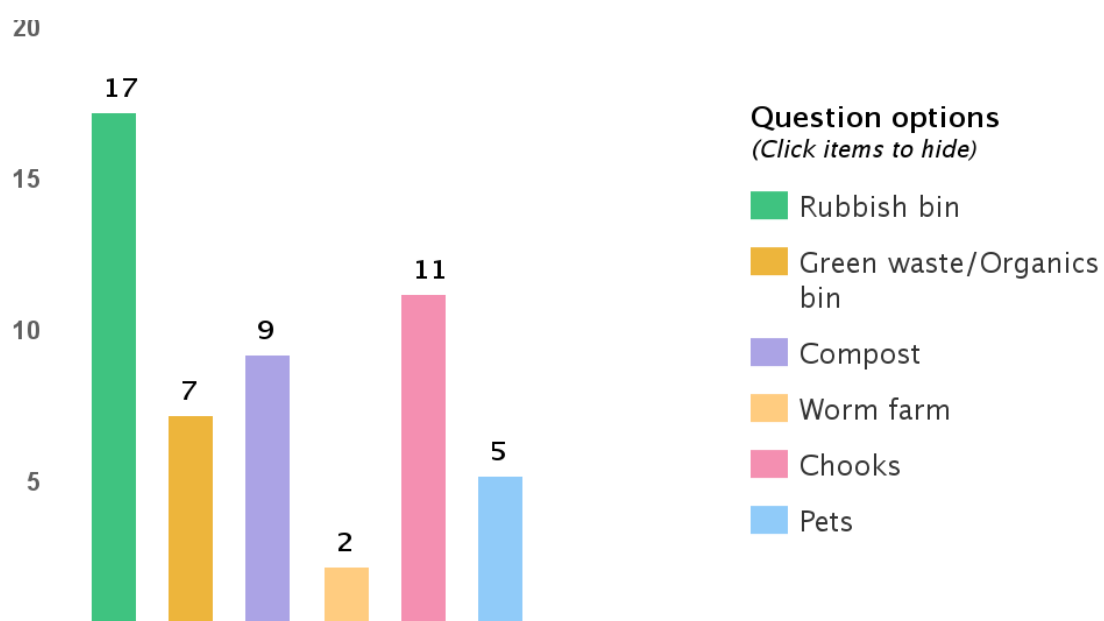


Fruit Peels:

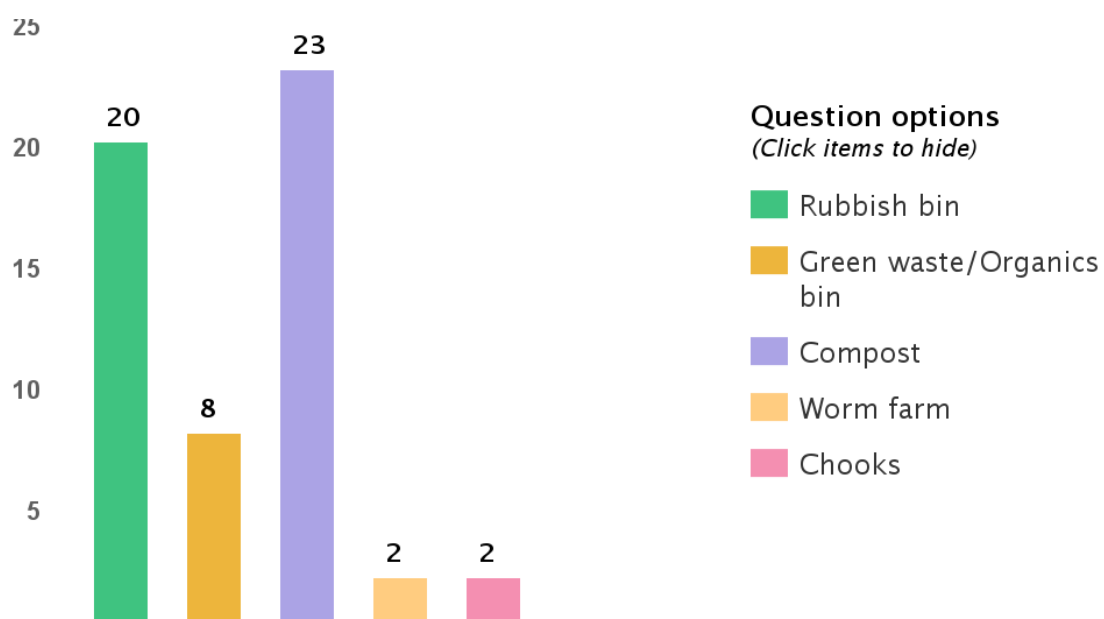


Environmental Sustainability Sub-Committee Agenda for 7<sup>th</sup> June 2016 Cont'd...

## Bread:

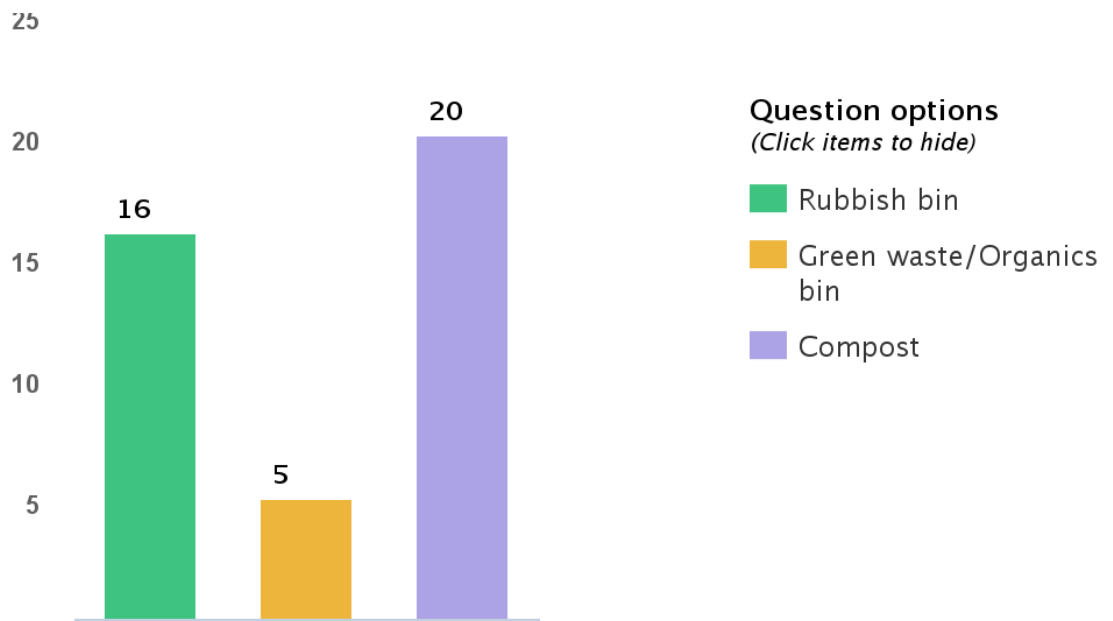


## Tea Bags:

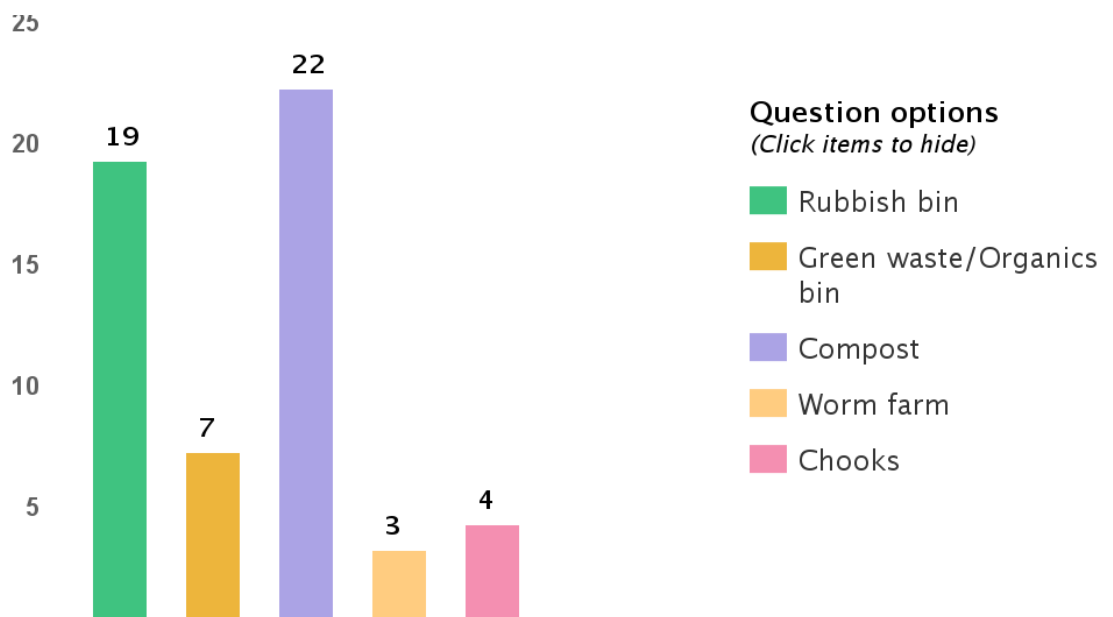


Environmental Sustainability Sub-Committee Agenda for 7<sup>th</sup> June 2016 Cont'd...

## Coffee Grinds:

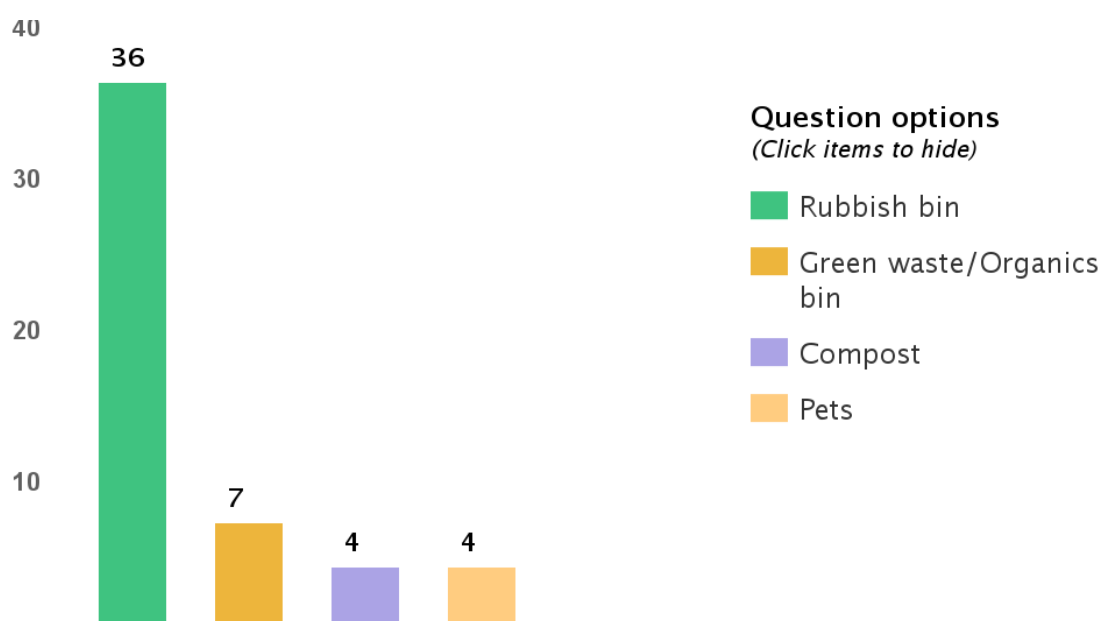


## Egg Shells:

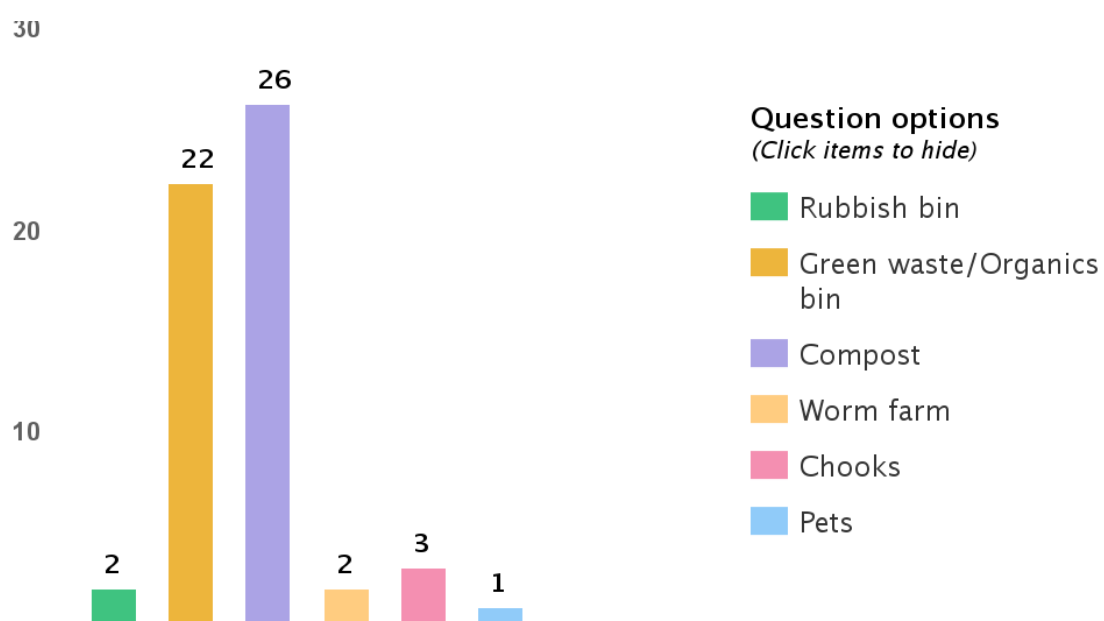


Environmental Sustainability Sub-Committee Agenda for 7<sup>th</sup> June 2016 Cont'd...

Animal Bones:

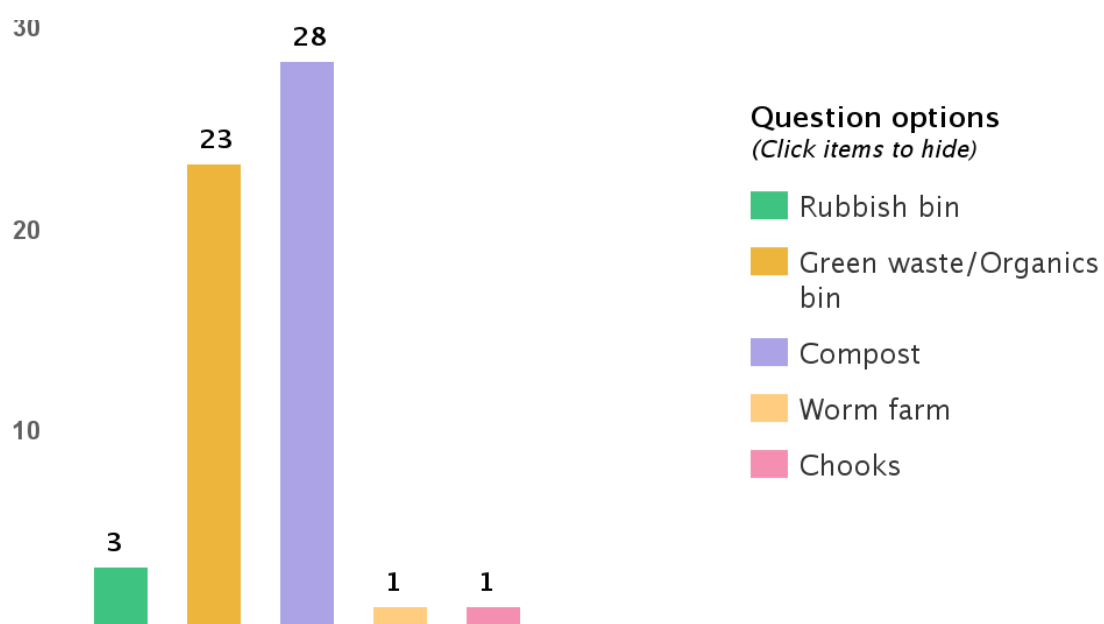


Grass Clippings:

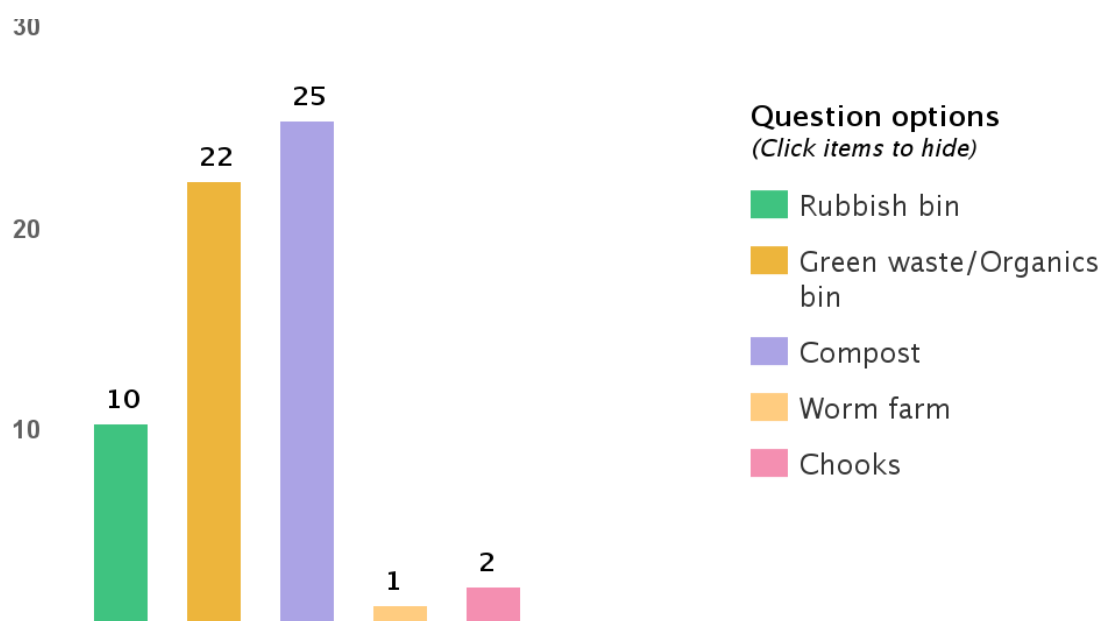


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Leaves:

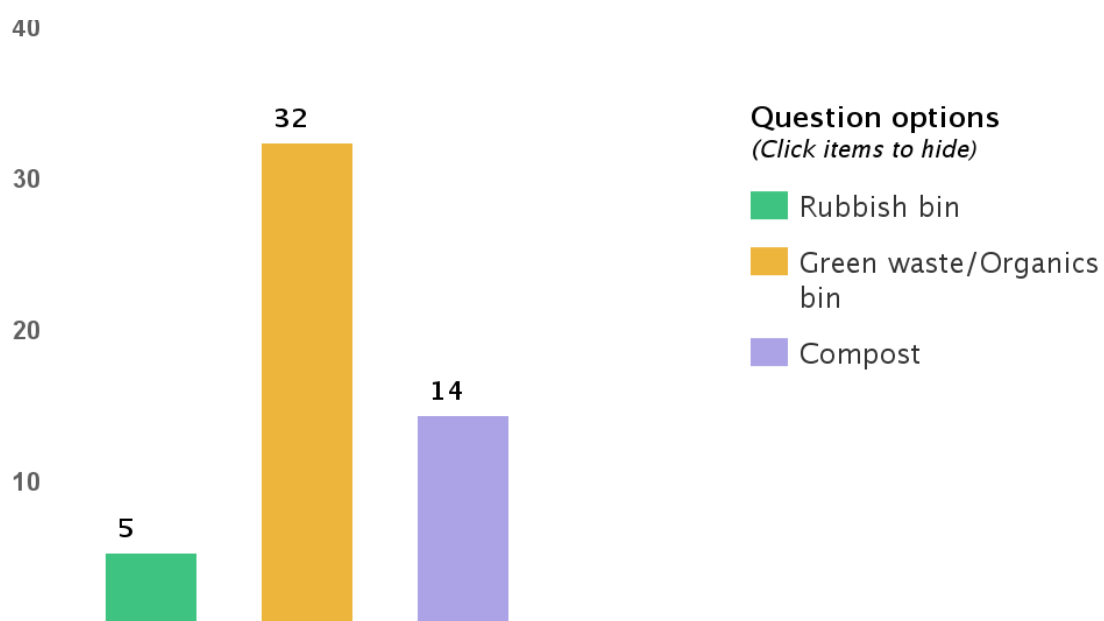


Flowers:



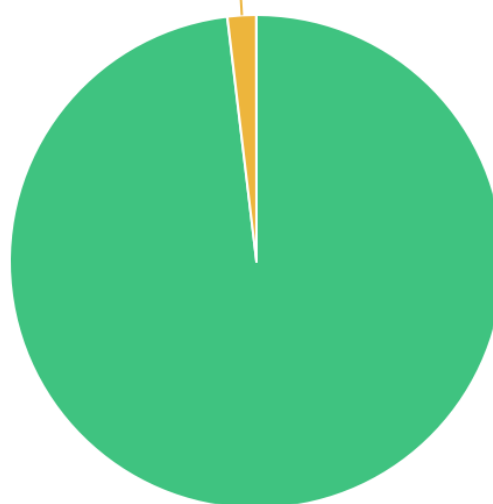
Environmental Sustainability Sub-Committee Agenda for 7<sup>th</sup> June 2016 Cont'd...

## Small Branches &amp; Twigs:



## Do you believe that we should minimise the amount of waste going to landfill?

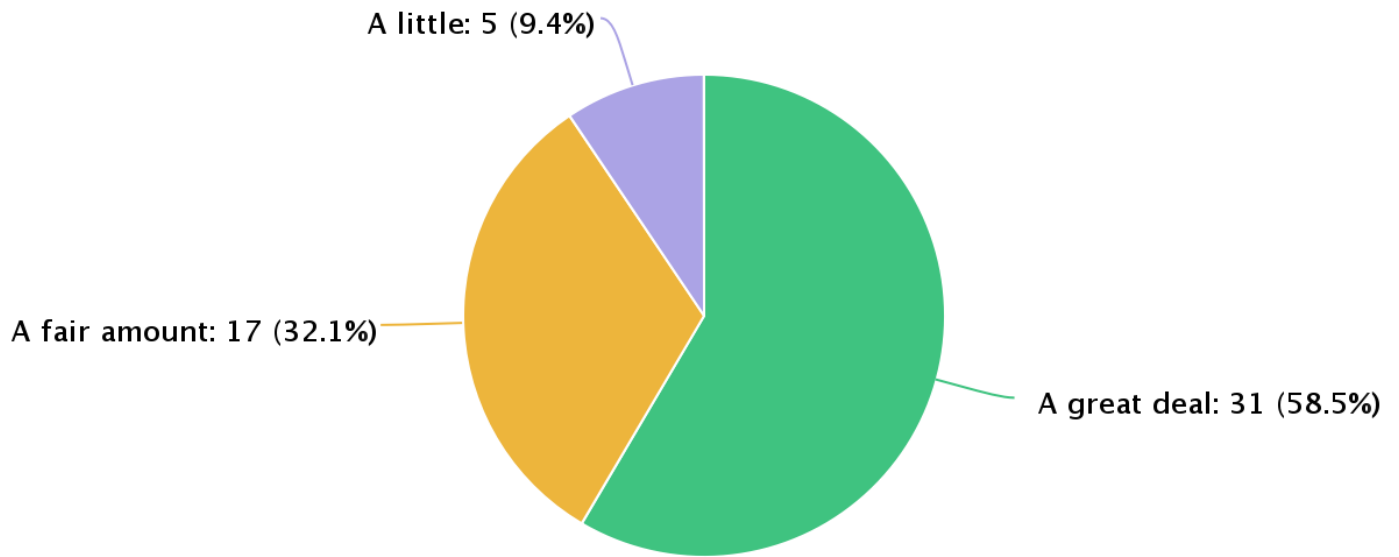
No: 1 (1.9%)



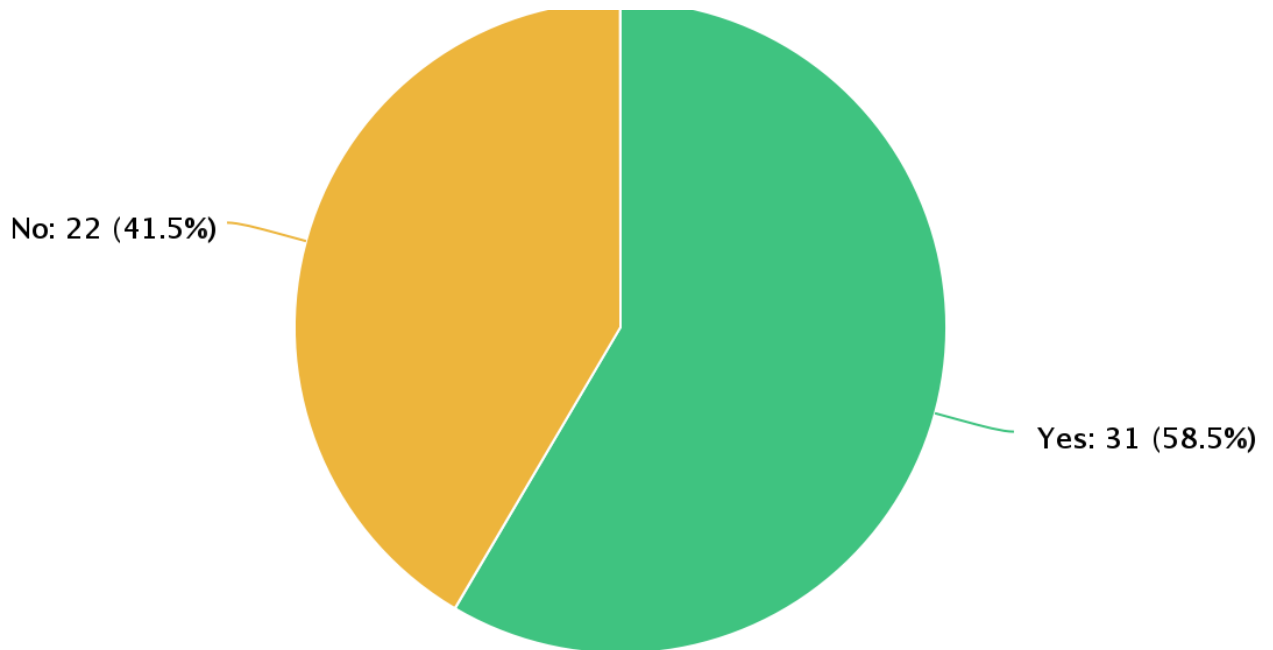
Yes: 52 (98.1%)

Environmental Sustainability Sub-Committee Agenda for 7<sup>th</sup> June 2016 Cont'd...

**In general, how concerned would you say that you are about environmental problems?**

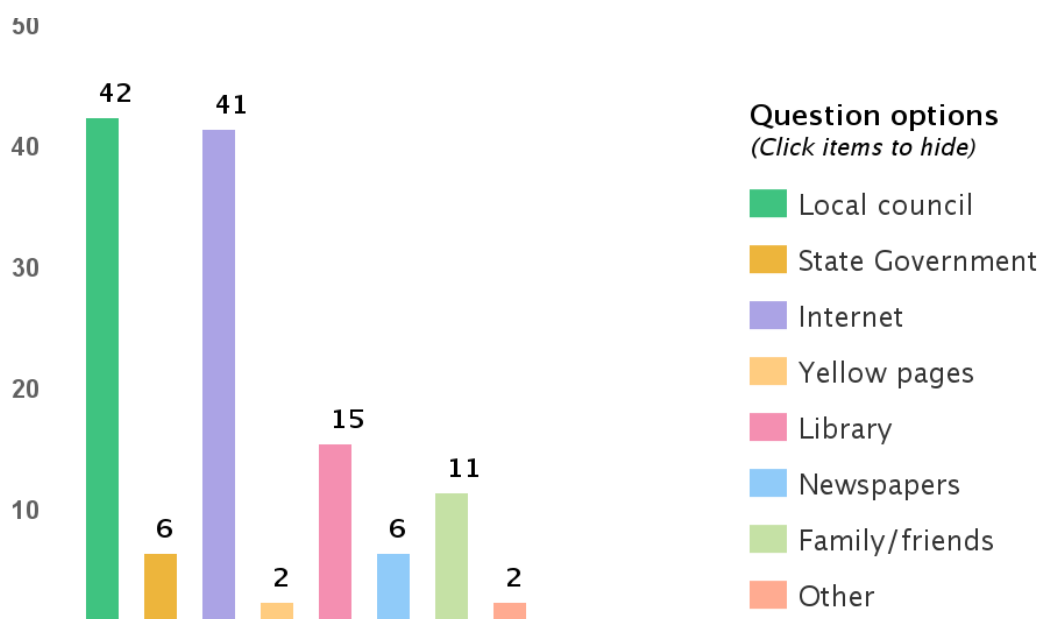


**Do you purchase the Green waste/Organics bin service?**





**If you wanted more information or advice about waste and recycling, where would you start looking?**



- (f) It is encouraging that there is strong support within the community for minimising waste to landfill, and a high degree of concern for the environment. It is also encouraging that many people are not putting various organic materials into rubbish bins, but are dealing with them by other means such as Council's green organics service, or home compost. Having said that, there is clearly still large amounts of food organics being put into rubbish bins. This is not only a waste of resources, as the material can be recycled through composting and returned to the soil in gardens and on farms, it creates leachate and methane when buried in landfill – both have the potential to pollute the environment.
- (g) With regards to information about waste and recycling, clearly Council is the most prominent source of information in these matters. Thus, it is important that Council continues its strong support for waste and recycling education and provision of information.

moved it be recommended:

- (a) The report be received;

seconded

**5. ENVIRONMENTAL MANAGEMENT - Environmental Sustainability Sub-Committee - Reports for Information - Ref. AF12/377**

The Environmental Sustainability Officer reported:

- (a) Environmental Sustainability Program 2016 - Project Progress

The current table outlining projects for 2016 is attached to the agenda for Members information.

moved it be recommended:

- (a) The report be received;

Environmental Sustainability Sub-Committee Agenda for 7<sup>th</sup> June 2016 Cont'd...

(b) item (a) as above be received and noted for information.

seconded

**MOTIONS WITHOUT NOTICE**

The meeting closed at \_\_\_\_\_ a.m.

31 May 2016  
AF12/377  
SM

## Environmental Sustainability Program 2016 – Project Progress

**Updated: 7<sup>th</sup> June 2016**

<b>Project</b>	<b>Summary</b>	<b>Progress Notes</b>
Salvage Yard	Investigate opportunities for re-establishing a salvage yard in Eucalypt Drive.	On 17 November 2015 Council resolved to abandon the EOI process, and authorise selected staff to liaise directly with potential operators. These discussions are now taking place.
Organics Next Steps	Investigate opportunities for reducing the amount of organic waste being put in Council's kerbside rubbish bins.	At the March 2015 Council meeting Council approved the release of 2,000 kitchen caddies with bio-bags to organics bin subscribers in the 2015-2016 financial year. The caddies have arrived and are being assembled. Caddies will begin to be given out in June 2016. Bulk buy opportunities for compost bins and worm farms are also being investigated. A report summarising the results of the Organics attitudes and practices survey is included with this agenda.
Bin Tagging	This involves checking the contents of waste and recycling bins from 150 properties, and give specific feedback about what goes in which bins.	A third round of bin tagging is now complete.
2016 KESAB Awards	Nominate City of Mount Gambier for numerous categories within the KESAB awards.	Council's submission for the 2016 Sustainable Communities awards has been submitted. Judging will occur later in the year.
Carbon Neutrality	Council endeavours to operate in a carbon neutral environment.	On 19 April 2016 Council resolved that as from 1st July 2017, the City of Mount Gambier endeavour to operate in a carbon neutral environment, including a possible levy and on landfill customers to offset carbon emissions from the landfill. Background work on this matter is being conducted.
Solar Systems – Depot, Transfer Station & Carinya	Install solar systems at these three facilities.	Depot system is scheduled to be switched on on 6 June 2016. The other two systems should be switched on within 1-2 weeks after the Depot.
Park & Stride Mount Gambier	The aim of this 12 month project is to encourage community members who come to central Mount Gambier to shop, to park in an off-street car park and walk to shop, rather than drive from shop to shop.	The program has been launched. So far there have been over 770 Facebook page likes, 150 Surveys completed, over 150 people make the public commitment, and thousands of Facebook 'Post Reach'. A variety of prizes have been given including shop vouchers and P&S eftpos cards.
Caroline Landfill Audit	Audit the trucks depositing waste to the landfill to identify opportunities to reduce the amount of recyclables and organics that are being deposited.	Contractors have been contacted to let them know the results of the audit and to find a way forward to reduce contamination.
Efficient Homes Project	This project involves installing temperature loggers in houses constructed of a variety of materials – rammed earth, modern eclectic, modern brick veneer and limestone – and leaving them in situ for 12 months.	The final set of loggers for 2015-2016 have been installed in the fourth home. Loggers will remain in situ for 12 months.
Aquatic Centre Energy Audit	An audit of the electricity use of the Mount Gambier Aquatic Centre. It is anticipated that the auditors will make recommendations for improving the efficiency of the facility, leading to long term reductions in electricity costs.	Follow up investigations are currently being undertaken.
Mount Gambier: Edible City	Run a series of workshops on home food production,	A pest management talk was held in February. A composting workshops

	from beginner to more advanced topics.	was held on 19 <sup>th</sup> March. Magic harvest session held in May. Vegie seedling activity at STEM in late May. A fruit tree pruning workshop will be held in June.
Resource Efficiency Review	Review of Council operations to identify what level of resources are currently being used, and identify opportunities for increased efficiency.	Some initial data received from Finance and suppliers. Analysis of data will commence in the near future as the ESO work program allows.
Fruit Tree EOI	Involved working with residents to put a small number of fruit trees in their local reserve.	Report and recommendation for the 2015-2016 EOI will be included with next month's agenda.
Smaller Projects	<ul style="list-style-type: none"> <li>- Smart Living profiles.</li> <li>- Talks at schools and community groups on environment and sustainability topics.</li> </ul>	<ul style="list-style-type: none"> <li>- Five Smart Living profiles have been completed.</li> <li>- Talks undertaken on an ongoing basis upon request. Numerous radio interviews have been undertaken.</li> </ul>
Environmental Events	<ul style="list-style-type: none"> <li>- Clean Up Australia Day</li> <li>- Earth Hour</li> <li>- Ride to Work Day</li> <li>- Walk to Work Day</li> </ul>	<ul style="list-style-type: none"> <li>- Complete.</li> <li>- Complete.</li> <li>- 19 October.</li> <li>- November.</li> </ul>
Library Solar Power System	Installation of a 57kW solar system on the roof of the Library, to supply 25-30% of the Library's electricity needs.	The system is now switched on and fully functional. The display inside the library will be switched on in the near future.
Blue Lake Solar Lighting	Involves the installation of solar lights around the footpath around the Blue Lake.	Installation of the lights is now complete. All lights are now operating as designed.
Carbon Reporting	Measure and report on Council's carbon emissions for the 2014-2015 financial year. Assess if Council triggers any carbon and/or climate change legislation.	The 2014-2015 report has been completed.