ENVIRONMENT & CLIMATE CHANGE COMMITTEE

11 May 2016

6.30pm

AGENDA
TERMS OF REFERENCE
ENVIRONMENT AND CLIMATE CHANGE COMMITTEE (TIER 2)

(Adopted at the Environment & Climate Change Committee Meeting on 13 May 2015)

Principal Objective: To provide a forum for Council to work with our community to promote the Leichhardt Local Government Area as sustainable, liveable and connected.

Other Objectives:

1. Advise Council on the alignment of environmental policy, strategy, programs, and initiatives with Council’s strategic objectives:
   a. A healthy and liveable environment
   b. Building community capacity for environmentally sustainable living and business
   c. Addressing, adapting and building resilience to climate change
   d. Protecting, connecting and integrating biodiversity and water within our urban context
   e. Avoiding waste and recovering resources
   f. Building organisational capacity for environmental sustainability

2. Work towards a Corporate Target of 100% Renewable Energy by 2025

3. Harness local community expertise to provide and share information, data and research to assist in the implementation of the Environmental Sustainability Plan.

4. Involve community members and stakeholders in the consideration and development of evidence based policy and strategic planning relating to key environmental issues and emerging trends.

Chairperson: Councillor Frank Breen
Deputy Chairperson: Councillor Daniel Kogoy
LEICHHARDT MUNICIPAL COUNCIL
ENVIRONMENT & CLIMATE CHANGE COMMITTEE

NOTICE IS HEREBY GIVEN THAT ENVIRONMENT & CLIMATE CHANGE COMMITTEE MEETING OF THE LEICHHARDT MUNICIPAL COUNCIL WILL BE HELD IN THE SUPPER ROOM, LEICHHARDT TOWN HALL, 107 NORTON STREET, LEICHHARDT, ON 11 MAY 2016 AT 6:30 PM.

Contact Officer: Jon Stiebel
Contact Number: 0432 217 353

Peter Head
GENERAL MANAGER

3 May 2016

BUSINESS :

** ACKNOWLEDGEMENT OF COUNTRY

I acknowledge the Gadigal and Wangal people of the Eora nation on whose country we are meeting today, and their elders past and present.

** APOLOGIES

** THIS MEETING IS CONDUCTED IN ACCORDANCE WITH COUNCIL’S CODE OF CONDUCT.

** DECLARATION OF PECUNIARY INTERESTS AND NON-PECUNIARY INTERESTS

AGENDA ITEMS

ITEM 1 ENVIRONMENT & CLIMATE CHANGE COMMITTEE MINUTES 9 MARCH 2016 ................................................................. 4
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ITEM 7 OTHER BUSINESS

Environment & Climate Change Committee Agenda 11 May 2016
ITEM 1  

ENVIRONMENT & CLIMATE CHANGE COMMITTEE  
MINUTES 9 MARCH 2016

<table>
<thead>
<tr>
<th>Division</th>
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</tr>
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<tbody>
<tr>
<td>Author</td>
<td>Manager Environment and Urban Planning</td>
</tr>
<tr>
<td>Meeting date</td>
<td>11 May 2016</td>
</tr>
<tr>
<td>Strategic Plan Key Service</td>
<td>A sustainable environment</td>
</tr>
</tbody>
</table>

**SUMMARY AND ORGANISATIONAL IMPLICATIONS**

<table>
<thead>
<tr>
<th>Purpose of Report</th>
<th>To advise the Committee of the minutes of the Environment &amp; Climate Change Committee meeting held on 9 March 2016.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Background</td>
<td>NIL</td>
</tr>
<tr>
<td>Current Status</td>
<td>NIL</td>
</tr>
<tr>
<td>Relationship to existing policy</td>
<td>NIL</td>
</tr>
</tbody>
</table>
| Financial and Resources Implications | NIL additional  
This proposal is consistent with the recent s23A Guidelines issued by the OLG in relation to financial expenditure. |
| Recommendation    | That the minutes of the Environment & Climate Change Committee meeting held on 9 March 2016 be received and noted. |
| Notifications     | NIL                                                                                                               |
| Attachments       | NIL                                                                                                               |
Purpose of Report

To advise the Committee of the minutes of the Environment & Climate Change Committee meeting held on 9 March 2016.

Recommendation

That the minutes of the Environment & Climate Change Committee meeting held on 9 March 2016 be received and noted.

Report

The minutes of the Environment & Climate Change Committee meeting are provided on the following page.
MINUTES of ENVIRONMENT & CLIMATE CHANGE COMMITTEE MEETING of Leichhardt Municipal Council held in the Supper Room, Leichhardt Town Hall, 107 Norton Street, Leichhardt, on 9 March 2016 at 6:30pm.

Present at the meeting: Cr Frank Breen, Cr Craig Channells, Richard Dudley-Smith, Koko Clark, Derek Bolton, Angela Michaelis, David Lawrence, Dominic Case, Paul Geraghty, Andrew Fraser, Bronwen Campbell

Staff Present: Team Leader Environmental Strategy, Environmental Technical Officer

Meeting commenced: 6.30 pm

** ACKNOWLEDGEMENT OF COUNTRY

I acknowledge the Gadigal and Wangal people of the Eora nation on whose Country we are meeting today, and their elders past and present.

** APOLOGIES

ECCC01/16 RESOLVED CHANNELLS / MICHAELIS

That apologies be accepted for the absence of Cr Daniel Kogoy, Cr Vera-Ann Hannaford, Lea Richards and Gavin Gilchrist.

** THIS MEETING IS CONDUCTED IN ACCORDANCE WITH COUNCIL'S CODE OF CONDUCT.

** DECLARATION OF PECUNIARY AND NON-PECUNIARY INTERESTS

Nil

ITEM 1 ENVIRONMENT & CLIMATE CHANGE COMMITTEE MINUTES 11 NOVEMBER 2015

ECCC02/16 RESOLVED LAWRENCE / CHANNELLS

That the minutes of the Environment & Climate Change Committee meeting held on 11 November 2015 be received and noted.
ITEM 2  SUMMARY OF RESOLUTIONS

ECCC03/16  RESOLVED  GERAGHTY / LAWRENCE

That the information in the summary of resolutions be received and noted.

ITEM 3  ENVIRONMENTAL SUSTAINABILITY PLAN IMPLEMENTATION UPDATE

ECCC04/16  RESOLVED  CHANNELLS / LAWRENCE

That the Committee notes:

1. During November and December 2015, three permaculture workshops were held at Balmain Occasional Care, Annandale Child Care and John McMahon Child Care Centres to support teacher and early childhood learning about the new permaculture gardens.

2. The inaugural Leichhardt Schools Network meeting was held 18 February 2016. During the meeting Council promoted free sustainability workshops and local area incursions for schools and workshops through Compost Happens and Observatory Hill Environmental Education Centre.


4. The February - June 2016 Treading Lightly Program calendar has 16 events by Leichhardt Council, the first of which was Green Cleaning held on 17 February 2016.

5. Summerama was held in January 2016. Forty-nine people in total participated across the four events.

6. The annual Climate Change Forum will be held on Tuesday 19 April 2016. Tim Silverwood (of Take 3) will be the guest speaker and will be speaking about plastic bags and litter, and their impact on marine life and waterways.

7. The Development Application for a 13kW solar PV system on Balmain Town Hall and Library was approved on 19 January 2016.

8. Solar PV digital displays have been installed in the Leichhardt Town Hall, Leichhardt Administration Building, John McMahon Childcare, Foster St Family Day Care Centre, Hannaford Centre, Leichhardt Children's Centre, Jimmy Little Community Centre and Annandale Neighbourhood Centre. The displays show information about current performance, total energy generation and greenhouse gas savings.
9. Proposals have been received by consultants responding to the Request for Quotation to develop a report to Council on the costs and benefits of working towards a corporate target of 100% renewable energy by 2025.

10. Leichhardt Council is currently running a plastic bag free campaign. There is an online petition for residents to sign, asking for retailers to get rid of single-use plastic bags. There is also a photo competition open until 31 March. There will be three campaign stalls in various public locations during March to promote the campaign and engage residents.

ITEM 4  
SUSTAINABLE SCHOOLS PROGRAM

ECCC05/16  
RESOLVED  
CAMPBELL / GERAGHTY

That the Committee notes:

1. The in-house wetland tour and bushcare program trial was implemented with 70 students from Annandale Public School.

2. Wetland tours will continue to be run in-house by the Sustainability Engagement Officer upon request by teachers and schools in the LGA.

3. Local area study incursions are being offered to schools and will cover local bushland and waterway education. Schools within walking distance of the Whites Creek Valley Park are encouraged to use the park and the Rozelle Bay Community Native Nursery as part of the activities.

4. Sustainability workshops are offered to schools each year on topics such as waste-free lunches and no-dig gardens.

5. The inaugural Sustainable Schools Network meeting was held in February, with the next meeting to be held in Term 2.

6. That Council reports back to the Committee on the Sustainable Schools Program on a 6 monthly basis.

ITEM 5  
NSW CONTAINER DEPOSIT SCHEME DISCUSSION PAPER

ECCC06/16  
RESOLVED  
MICHAELIS / LAWRENCE

That the Committee receive and note a copy of the report to the 9 February 2016 Policy meeting regarding the proposed NSW Container Deposit Scheme discussion paper.

At the meeting an additional recommendation was proposed but was not supported:
The Committee recommend to Council that they run a similar campaign to the anti-amalgamations campaign supporting the Boomerang Alliance proposal with regards to the NSW CDS.

**ITEM 6**  
**ADAPTING TO URBAN HEAT: LEICHHARDT**

**ECCC07/16**  
**RESOLVED**  
**LAWRENCE / CASE**

That the Committee receive and note a copy of the Adapting to Urban Heat Island Report.

**ITEM 7**  
**OTHER BUSINESS**

**ECCC08/16**  
**RESOLVED**  
**CHANNELLS / CAMPBELL**

1. That the Committee recommends that Council writes to the Minister for Environment and Sydney Water opposing the proposed increase of sewerage overflows into Sydney Harbour and calls upon them to reconsider the decision.

2. The Committee recommends that a standard agenda item “Other Business” is shown on the Agenda.

*The next meeting will be held on Wednesday, 11 May 2016 at 6.30pm.*

*The meeting closed at 8.35pm.*
ITEM 2  SUMMARY OF RESOLUTIONS

<table>
<thead>
<tr>
<th>Division</th>
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</tr>
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<tbody>
<tr>
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</table>

**SUMMARY AND ORGANISATIONAL IMPLICATIONS**

<table>
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<tr>
<th>Purpose of Report</th>
<th>To advise Council of the status of the Environment &amp; Climate Change Committee resolutions.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Background</td>
<td>NIL</td>
</tr>
<tr>
<td>Current Status</td>
<td>NIL</td>
</tr>
<tr>
<td>Relationship to existing policy</td>
<td>NIL</td>
</tr>
<tr>
<td>Financial and Resources Implications</td>
<td>NIL</td>
</tr>
<tr>
<td>Recommendation</td>
<td>That the information in the summary of resolutions be received and noted.</td>
</tr>
<tr>
<td>Notifications</td>
<td>NIL</td>
</tr>
<tr>
<td>Attachments</td>
<td>NIL</td>
</tr>
</tbody>
</table>
Purpose of Report

To advise Council of the status of the Environment & Climate Change Committee resolutions.

Recommendation

That the information in the summary of resolutions be received and noted.

Report

The summary of resolutions is provided on the following page.
<table>
<thead>
<tr>
<th>ITEM 7 OTHER BUSINESS ECCC08/16</th>
</tr>
</thead>
</table>

1. That the Committee recommends that Council writes to the Minister for Environment and Sydney Water opposing the proposed increase of sewerage overflows into Sydney Harbour and calls upon them to reconsider the decision.

2. The Committee recommends that a standard agenda item “Other Business” is shown on the Agenda.

<table>
<thead>
<tr>
<th>SUMMARY OF RESOLUTION</th>
<th>ACTION/TAKEN PLANNED</th>
<th>RESPONSIBLE OFFICER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Council has resolved C142/16 to send a letter to the Minister and Sydney Water. (C142/16) That Council: 1. Adopt a position opposing any further sewerage outlets in Sydney Harbour. 2. Write to neighbouring councils including the City of Canada Bay informing them of our position and inviting them to join a campaign against these outlets. 3. Write to Sydney Water and the relevant State Government Ministers informing them of this position and calling on them to develop alternate solutions. 4. Receive a report at the May Ordinary Council Meeting on the impact of existing and proposed sewerage outlets in Sydney Harbour. 5. Consult the Sydney Coastal Council group on this matter.</td>
<td>Manager Assets and Parks</td>
<td></td>
</tr>
<tr>
<td>ENVIRONMENT &amp; CLIMATE CHANGE COMMITTEE ITEM – PREVIOUS</td>
<td>SUMMARY OF RESOLUTION</td>
<td>ACTION/TAKEN PLANNED</td>
</tr>
<tr>
<td>------------------------------------------------------</td>
<td>-----------------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>NOVEMBER 2015 RES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEM 2 SUMMARY OF RESOLUTIONS ECC42/15</td>
<td>1. That the information in the summary of resolutions be received and noted.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. That ECCC11/15 is referred to the Traffic Committee to progress.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OTHER BUSINESS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Statutory Signage</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ECCC11/15 RESOLVED</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LAWRENCE/HANNAFORD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>That Leichhardt Council review options to consolidate and reduce statutory signage across the LGA in light of the work by Mosman Council and the City of Sydney to reduce signage and improve the local amenity of heritage neighbourhoods.</td>
<td></td>
</tr>
<tr>
<td>AUGUST 2015 RES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEM 2 PRESENTATION - SSROC STREET LIGHTING</td>
<td>2. The Committee requests the Environment Team report back to the November committee meeting on the business case for accelerated deployment of LED street lighting in the Leichhardt LGA.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Graham Mawer, SSROC has advised that the completion of the Networks NSW street lighting equipment tender was an important Ausgrid pre-condition for accelerated replacements of old street lighting with LEDs.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Traffic Manager has again followed up with the RMS on 29/4/16 with a copy of the Committee's recommendation. RMS response to be tabled at the committee if received by the May meeting.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Manager Traffic</td>
<td></td>
</tr>
</tbody>
</table>

Environment & Climate Change Committee Agenda 11 May 2016 ITEM 2
<table>
<thead>
<tr>
<th>ENVIRONMENT &amp; CLIMATE CHANGE COMMITTEE ITEM – PREVIOUS</th>
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<th>RESPONSIBLE OFFICER</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMPROVEMENT PROGRAM</td>
<td></td>
<td>The SSROC SLI Program expects to spend much of its time over the coming months assisting councils with the evaluation of the business case for accelerated replacements and in negotiations with Ausgrid.</td>
<td></td>
</tr>
<tr>
<td>ECCC26/15</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ITEM 3  ENVIRONMENTAL GRANTS PROGRAM 2015/16 - ROUND 2

<table>
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<tr>
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<tr>
<td>Author</td>
<td>Sustainability Engagement Officer</td>
</tr>
<tr>
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<td>Strategic Plan Key</td>
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</tbody>
</table>

**SUMMARY AND ORGANISATIONAL IMPLICATIONS**

**Purpose of Report**

To inform Council of the requests for grants under the Environmental Grants Program - Round 2 for the 2015/16 financial year and to make recommendations on funding allocations to community groups for Council’s consideration.

**Background**

Environmental Grants have been developed in alignment with the adopted *Grants and Community Resourcing Policy 2012*.

The total budget for Environmental Grants for 2015/2016 is $20,000. The available budget for Round 2 of Environmental Grants is $11,000.

**Current Status**

NIL

**Relationship to existing policy**

All applications are assessed within program guidelines outlined in the Leichhardt Grants and Community Resourcing Policy 2012.

**Financial and Resources Implications**

Nil additional

**Recommendation**

1. That Council note that the Environmental Grants have been aligned with the strategic objectives of the Environmental Sustainability Plan.

2. That the following groups be allocated grants totalling $7,400 for the 2015/16 financial year under the Environmental Grants Program - Round 2, as follows:

<table>
<thead>
<tr>
<th>Applicant</th>
<th>Amount</th>
<th>Fee Waiver</th>
<th>Value of Fee Waiver</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aldersgate Nursing Home</td>
<td>$1,000</td>
<td>Nil</td>
<td>Nil</td>
</tr>
<tr>
<td>Mort Bay Community Garden</td>
<td>$4,000</td>
<td>Nil</td>
<td>Nil</td>
</tr>
<tr>
<td>Rozelle Childcare Centre</td>
<td>$2,400</td>
<td>Nil</td>
<td>Nil</td>
</tr>
</tbody>
</table>

**Amount Recommended for Round 2**

$7,400
**Environment & Climate Change Committee Agenda 11 May 2016**

**ITEM 3**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Response Grant for Friends of Whites Creek Valley Park</td>
<td>$1,000</td>
</tr>
<tr>
<td>Total Allocated in Round 1</td>
<td>$8,000</td>
</tr>
<tr>
<td>Sub Total</td>
<td>$16,400</td>
</tr>
<tr>
<td>Total Budget 2015/2016</td>
<td>$20,000</td>
</tr>
</tbody>
</table>

**Notifications**  
All groups have been informed that the matter is being considered by Council.

**Attachments**  
NIL
Purpose of Report

To inform Council of the requests for grants under the Environmental Grants Program - Round 2 for the 2015/16 financial year and to make recommendations on funding allocations to community groups for Council’s consideration.

Recommendation

1. That Council note that the Environmental Grants have been aligned with the strategic objectives of the Environmental Sustainability Plan.

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<td>Nil</td>
</tr>
<tr>
<td>2. Mort Bay Community Garden</td>
<td>$4,000</td>
<td>Nil</td>
<td>Nil</td>
</tr>
<tr>
<td>3. Rozelle Childcare Centre</td>
<td>$2,400</td>
<td>Nil</td>
<td>Nil</td>
</tr>
</tbody>
</table>

Amount Recommended for Round 2 $7,400

Quick Response Grant for Friends of Whites Creek Valley Park $1,000

Total Allocated in Round 1 $8,000

Sub Total $16,400

Total Budget 2015/2016 $20,000

Background

Environmental Grants have been developed in alignment with the adopted Grants and Community Resourcing Policy 2012.

A Quick Response Grant for the Friends of Whites Creek Valley Park was approved by Council at its November 2015 meeting for the amount of $1,000 for equipment provisions for volunteers that was funded from the Environmental Grants budget.

The total budget for Environmental Grants for 2015/2016 is $20,000. The available budget for Round 2 of Environmental Grants is $11,000.
Report

Council grants process

Council advertised for applications for the Environmental Grant Program in the February 2016 period. The grants were promoted on Council’s website, in paid advertising, in the Mayoral Column of the Inner West Courier, and through a mail out to Council’s community networks. The guidelines and criteria under which applications were assessed are published on Council’s website: www.leichhardt.nsw.gov.au/Community/Grants-Program and copies will be tabled at the Environment & Climate Change Committee meeting.

Two Grants Program information sessions were held on Tuesday 16 February 2016 during the day and evening to assist applicants in developing their proposals.

A selection panel was formed consisting of Council Officers. The community representative was sought via email invitations to Council committee members and provided assistance with the grants assessment.

Assessment

This year, three applications were received from groups for the 2015/2016 Environmental Grants - Round 2 seeking total funding of $7,400.

Table 1 outlines the applications made and ranking given to each. All three applications fully met the criteria. The following three groups are recommended to receive funding from the Environmental Grants budget:

1. Aldersgate Nursing Home, Mobile Garden for the Senses: commission the construction of a sensory mobile garden trolley

2. Mort Bay Community Garden, Community Compost Site: improved infrastructure and continuous education will increase compost production, improving garden fertility and sustainability

3. Rozelle Childcare Centre, Waste to Growth: establish a closed-loop organic waste re-use system as a resource for growing food and sustaining the landscape on-site

Summary/Conclusions

Of the three applications received, all three are recommended for funding totalling $7,400. The projects recommended met the criteria to a high standard and are aligned with Council’s Environmental Sustainability Plan 2015-2025.
## Table 1: Environmental Grant applications by ranking

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Project Title and Summary</th>
<th>Amount Requested ex GST</th>
<th>In-kind Support Requested</th>
<th>Project Start Date</th>
<th>Project End Date</th>
<th>Does the applicant meet all the eligibility criteria?</th>
<th>Has the applicant completed the application form?</th>
<th>Has the applicant received funding for this project in the last 3 years?</th>
<th>Amount Recommended</th>
<th>Selection Panel Rank</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aldersgate Nursing Home, Uniting Sydney Central</td>
<td>Mobile Garden for the Senses: commission the construction of a sensory mobile garden trolley.</td>
<td>$ 947.80</td>
<td>No</td>
<td>1/05/2016</td>
<td>30/11/2016</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>$ 1,000.00</td>
<td>1</td>
<td>A creative way to allow less mobile residents to enjoy and benefit from a program that is typically inaccessible to them</td>
</tr>
<tr>
<td>Mort Bay Community Garden</td>
<td>Community compost site: improved infrastructure and continuous education will increase compost production, improving garden fertility and sustainability.</td>
<td>$ 4,000.00</td>
<td>No</td>
<td>1/06/2016</td>
<td>30/09/2016</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>$ 4,000.00</td>
<td>2</td>
<td>Nicely incorporates accessibility, food waste avoidance and community engagement into one project</td>
</tr>
<tr>
<td>Rozelle Childcare Centre</td>
<td>Waste to Growth: establish a closed-loop organic waste reuse system as a resource for growing food and sustaining the landscape on-site.</td>
<td>$ 2,400.00</td>
<td>No</td>
<td>1/05/2016</td>
<td>21/11/2016</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>$ 2,400.00</td>
<td>3</td>
<td>Good initiative from the centre and its families in taking responsibility for their food waste and teaching children about sustainable practice</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$ 7,347.80</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>$ 7,400.00</strong></td>
<td></td>
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</tr>
</tbody>
</table>
## COUNCIL RENEWABLE ENERGY TARGET PROJECT UPDATE

### Summary and Organisational Implications

**Purpose of Report**
To update the committee on Environmental Sustainability Plan Action 3.1.5 - Corporate Renewable Energy Target.

**Background**
The Environmental Sustainability Plan 2015 – 2025 adopted the following Corporate Renewable Energy Target: Work towards 100% renewable energy for Council operations by 2025; and included Action 3.1.5: "Report to Council on the costs and benefits of working towards a corporate target of 100% renewable energy by 2025 and in doing so give consideration to: 1) the technical feasibility of Council operations being powered from 100% renewable energy; 2) the financial implications of powering Council operations from renewable energy; and 3) the business case for a potential urban-rural wind partnership".

**Current Status**
The project has commenced and due for completion in August 2016.

**Relationship to existing policy**
The Environmental Sustainability Plan 2015 – 2025 adopted the following Corporate Renewable Energy Target: Work towards 100% renewable energy for Council operations by 2025.

**Financial and Resources Implications**
Nil additional

**Recommendation**
That the Committee note the appointment of consultants Pitt and Sherry to undertake Environmental Sustainability Plan Action 3.1.5 - Report to Council on the costs and benefits of working towards a corporate target of 100% renewable energy by 2025.

**Notifications**
Nil

**Attachments**
Nil
Purpose of Report

To update the Committee on Environmental Sustainability Plan Action 3.1.5 - Corporate Renewable Energy Target.

Recommendation

That the Committee note the appointment of consultants Pitt and Sherry to undertake Environmental Sustainability Plan Action 3.1.5 - Report to Council on the costs and benefits of working towards a corporate target of 100% renewable energy by 2025.

Background

At the June 2013 Council meeting, Council resolved (C302/13):

“That Council prepare a report on the costs and benefits of working towards a Corporate Target of 100% Renewable Energy by 2025, and in doing so give consideration to:

1. The technical feasibility of all Council operations being powered from 100% renewable energy, e.g. Council’s fleet
2. The financial implications of powering all of council operations from renewable energy
3. The implications of a 100% renewable energy target on the recent $1 million plus Council investment in relation to the LPAC cogeneration plant which runs off gas."

Further, the SSROC Our Energy Future Renewable Energy Master Plan discusses the potential for an Urban/Regional Wind Partnership as having potential for increasing the share of renewable energy.

Subsequently the Environmental Sustainability Plan 2015 – 2025 adopted the following Corporate Renewable Energy Target: Work towards 100% renewable energy for Council operations by 2025; and included Action 3.1.5:

“Report to Council on the costs and benefits of working towards a corporate target of 100% renewable energy by 2025 and in doing so give consideration to: 1) the technical feasibility of Council operations being powered from 100% renewable energy; 2) the financial implications of powering Council operations from renewable energy; and 3) the business case for a potential urban-rural wind partnership”.
Report

Council has engaged consultants *Pitt and Sherry* to undertake the project. Pitt and Sherry has extensive experience in sustainable energy strategy development and analysis including the Carbon Neutral Adelaide Strategy, City of Sydney Energy Efficiency Master Plan, the ACT’s Climate Change Action Plan, a Solar Access Strategy for Melbourne City, and a 100% Renewable Energy Strategy for Flinders Island.

Pitt and Sherry will provide a report outlining the business case for working towards a corporate target of 100% renewable energy by 2025 and in doing so will detail:

1) The technical feasibility of Council operations being powered from 100% renewable energy;
2) The financial implications of powering Council operations from 100% renewable energy;
3) The business case for an urban-regional wind partnership including:
   - Legal issues/requirements relating specifically to Local Government
   - Contractual issues
   - Technical considerations
   - Economic considerations
   - Project scale required to be cost effective/feasible for all parties involved (e.g., single council or group of Councils, Council/s + large energy users)
   - Implications for Council's status as a certified Carbon Neutral Council under the National Carbon Offsets Standard
   - If there is a positive business case, the recommended next steps
4) Evidence from other Local Governments where a 100% Renewable Energy Target is being pursued or successfully implemented, success factors and relevance for Leichhardt.
5) Develop a set of clear, realistic, costed, site specific and time bound actions that could be adopted by Leichhardt Council to meet the 100% Renewable Energy Target taking into consideration the existing Environmental Sustainability Plan 4-year Service Delivery Plan 2015-2019 and budget; and provide post 2018/19 budget requirements to meet the target.

The consultant’s report is due for completion in August. The program is detailed within Table 1 below.

<table>
<thead>
<tr>
<th>Major Activity / Deliverable</th>
<th>Date/s</th>
</tr>
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<tbody>
<tr>
<td>Project Inception</td>
<td>April</td>
</tr>
<tr>
<td>Data Compilation &amp; Projections</td>
<td>April</td>
</tr>
<tr>
<td>Option Analysis – Technical Feasibility</td>
<td>May</td>
</tr>
<tr>
<td>Option Analysis – Financial Feasibility &amp; Business Case</td>
<td>May/June</td>
</tr>
<tr>
<td>Project Synthesis: Action Plan Development</td>
<td>June/July</td>
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<tr>
<td>1st Draft Report</td>
<td>July</td>
</tr>
<tr>
<td>Final Report and presentation</td>
<td>August</td>
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ITEM 5  HOME ECO CHALLENGE 2016

<table>
<thead>
<tr>
<th>Division</th>
<th>Environment and Community Management</th>
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</thead>
<tbody>
<tr>
<td>Author</td>
<td>Sustainability Engagement Officer</td>
</tr>
<tr>
<td>Meeting date</td>
<td>11 May 2016</td>
</tr>
<tr>
<td>Strategic Plan Key Service</td>
<td>Community well-being</td>
</tr>
<tr>
<td>Area</td>
<td>Place where we live and work</td>
</tr>
<tr>
<td></td>
<td>A sustainable environment</td>
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</table>

### SUMMARY AND ORGANISATIONAL IMPLICATIONS

#### Purpose of Report
To update the Committee on the Home Eco Challenge program.

#### Background
Leichhardt Council ran the Sustainable Neighbourhoods program in 2015 that encouraged residents and households to reduce their waste, water and energy usage. Ashfield Council ran a similar program called the Ashfield Eco Challenge in 2014. For 2016, the two councils are running a joint Home Eco Challenge to reach more households across the two LGAs.

#### Current Status
NIL

#### Relationship to existing policy
Environmental Sustainability Plan 2025

#### Financial and Resources Implications
Nil

#### Recommendation
It is recommended that Council notes that:

1. Leichhardt Council and Ashfield Council are offering the Home Eco Challenge as a joint program to residents of both LGAs.
2. There are three household challenges over three months: Sustainable Food in May, Know Your Waste in June, and Energy and Water at Home in July.
3. Residents are encouraged to participate in any or all of the challenges in order to reduce their household footprint.

#### Notifications
NIL

#### Attachments
NIL
Purpose of Report

To update the Committee on the Home Eco Challenge program.

Recommendation

It is recommended that Council notes that:

1. Leichhardt Council and Ashfield Council are offering the Home Eco Challenge as a joint program to residents of both LGAs.

2. There are three household challenges over three months: Sustainable Food in May, Know Your Waste in June, and Energy and Water at Home in July.

3. Residents are encouraged to participate in any or all of the challenges in order to reduce their household footprint.

Background

Leichhardt Council ran the Sustainable Neighbourhoods program in 2015 that encouraged residents and households to reduce their waste, water and energy usage. Ashfield Council ran a similar program called the Ashfield Eco Challenge in 2014. For 2016, the two councils are running a joint Home Eco Challenge to reach more households across the two LGAs.

The program was developed as a result of the Environmental Sustainability Plan, specifically action 2.2.14:

“Support and build the capacity of neighbourhood and community groups to undertake facilitated activities to measure and reduce their environmental footprint and to assist others in the community to do the same.”

Report

The Home Eco Challenge program is being run from May to July 2016 by Leichhardt’s Sustainability Engagement Officer and Ashfield’s Sustainability and Resource Recovery Officer. It is based on the Ashfield Eco-Challenges 2014 and Leichhardt Sustainable Neighbourhoods Challenges 2015.

There are three challenges, each one a month long: Sustainable Food (month of May), Know Your Waste (June), and Energy and Water at Home (July). Anyone can participate, although only households from within the Ashfield and Leichhardt LGAs will be eligible for prizes.

Individuals and households register and complete pre- and post-challenge surveys through Survey Monkey. Each participant is able to choose their level of involvement for each challenge and may participate in one, two or all three challenges. The
surveys will be used to collect demographic data and information on what actions residents are taking to reduce their footprints. Fact sheets for each challenge are available online and are also emailed to participants.

There are three workshops associated with each challenge:

- Sustainable Food challenge: Making Cheese & Yoghurt at Home
- Know Your Waste challenge: Cooking with What You Have
- Energy & Water at Home challenge: tours of Michael Mobbs’ sustainable house

At the end of each month, participants who comply with the terms and conditions will be put in a lucky prize draw. The prizes for the first Sustainable Food challenge are two vouchers (for two people) for fresh fruit and veggie deliveries, and dinner for two at NOMAD in Surry Hills. There will also be prizes for the June and July challenges (details to be confirmed).
ITEM 6

ENVIRONMENTAL SUSTAINABILITY PLAN
IMPLEMENTATION UPDATE - MAY 2016

<table>
<thead>
<tr>
<th>Division</th>
<th>Environment and Community Management</th>
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</thead>
<tbody>
<tr>
<td>Author</td>
<td>Environmental Technical Officer</td>
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<tr>
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<td>Sustainability Engagement Officer</td>
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<tr>
<td>Meeting date</td>
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</tr>
<tr>
<td>Strategic Plan Key Service Area</td>
<td>A sustainable environment</td>
</tr>
<tr>
<td></td>
<td>Sustainable services and assets</td>
</tr>
</tbody>
</table>

SUMMARY AND ORGANISATIONAL IMPLICATIONS

Purpose of Report
To update the Environment & Climate Change Committee on the implementation of the Environmental Sustainability Plan.

Background
Leichhardt Council adopted its Environmental Sustainability Plan at the July 2015 Policy Meeting. This report provides a progress update on implementing the Plan.

Current Status
NIL

Relationship to existing policy
Environmental Sustainability Plan 2015-2025

Financial and Resources Implications
Projects are within current budget allocations

Recommendation
That the Committee receive and note the following:

1. Council solar PV projects are in progress at the following sites:
   - Balmain Town Hall and Library
   - Leichhardt Depot
   - Leichhardt Park Aquatic Centre

2. Lighting upgrades are scheduled to commence across 15 Council sites.

3. An energy consultant is undertaking night audits of 14 Council sites in response to higher after hours electricity consumption. Eight sites have been audited; there are six sites remaining.

4. Native bee workshops are scheduled for residents in May as part of a Backyard Biodiversity series.

5. Eight workshops have been run through
Treading Lightly in the past two months, all of which have been fully booked and positively received with 223 people in total attending.

6. The Climate Conversations public forum was held on Tuesday 19 April 2016 with guest speaker Tim Silverwood speaking about plastic pollution and the importance of saying no to plastic bags and packaging.

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</tr>
</thead>
<tbody>
<tr>
<td>Attachments</td>
<td>NIL</td>
</tr>
</tbody>
</table>
Purpose of Report

To update the Environment & Climate Change Committee on the implementation of the *Environmental Sustainability Plan*.

Recommendation

That the Committee receive and note the following:

1. Council solar PV projects are in progress at the following sites:
   - Balmain Town Hall and Library
   - Leichhardt Depot
   - Leichhardt Park Aquatic Centre

2. Lighting upgrades are scheduled to commence across 15 Council sites.

3. An energy consultant is undertaking night audits of 14 Council sites in response to higher after hours electricity consumption. Eight sites have been audited; there are six sites remaining.

4. Native bee workshops are scheduled for residents in May as part of a Backyard Biodiversity series.

5. Eight workshops have been run through Treading Lightly in the past two months, all of which have been fully booked and positively received with 223 people in total attending.

6. The Climate Conversations public forum was held on Tuesday 19 April with guest speaker Tim Silverwood speaking about plastic pollution and the importance of saying no to plastic bags and packaging.

Background

Leichhardt Council adopted its Environmental Sustainability Plan (the Plan) at the July 2015 Policy Meeting. This report provides a progress update on implementing the Plan.

Report

Several actions in the Plan have been progressed over the last two months since the March Environment & Climate Change Committee meeting update.

**Council PV Projects**

Balmain Town Hall and Library

The successful contractor for the Balmain Town Hall and Library PV project was notified of the Development Application approval for the proposed 13kW solar PV system. Work will commence following receipt of the Construction Certificate. The installation is anticipated to begin in mid-May 2016 and complete by 30 June 2016.
Leichhardt Depot
Council has sought quotations for the design, documentation, supply and installation of an on-site solar PV system and battery storage at Leichhardt Depot. Three quotes have been received and works are expected to be completed by 30 June 2016.

Leichhardt Park Aquatic Centre
Two solar PV projects are in progress for the Leichhardt Park Aquatic Centre (LPAC):

- 35.25kW system on the gym roof
- 30kW system on the new program pool building roof

The 30kW system has been mounted on the new program pool building roof. The 35.25kW system on the gym roof will be installed following completion of the Ausgrid required electricity supply protection system.

Figure 1: Solar panels being installed at Leichhardt Park Aquatic Centre


**Lighting Upgrades**

Lighting upgrades are scheduled to commence across 15 Council sites:

- Leichhardt Town Hall
- Leichhardt Admin Building
- Leichhardt Library
- Balmain Town Hall and Library
- Leichhardt Depot
- Balmain Depot
- John McMahon Child Care Centre
- Annandale Child Care Centre
- Leichhardt Children’s Centre
- Balmain/ Rozelle Occasional Care
- Foster Street Family Day Care
- Hannaford Centre
- Annandale Neighbourhood Centre
- Jimmy Little Community Centre
- Leichhardt Park Aquatic Centre

The projects were identified in the recent energy audits and incorporated into Council's Emissions Management Plan. The audits recommend a number of lighting upgrades across Council's highest energy using sites in order to increase energy efficiency and improve the environmental performance of the buildings.
Night Audits
An external energy consultant is undertaking after-hours investigation (night audits) of 14 Council sites in response to higher nightly energy consumption. This action is in response to the recent energy audits conducted last year. Eight sites have been audited; there are six sites remaining. This work is due to be completed by 30 June 2016. Any further works proposed from the night audits will be incorporated in the capital works for next financial year.

Backyard Biodiversity Workshops
A series of workshops focussing on improving backyard biodiversity in the LGA is starting with two workshops on native bees. Participants will learn how to create habitats for native bees, what to plant to attract them into the garden, and about pollinating backyard fruit and vegetable patches.

The day will consist of a presentation at the White Street Cottage; walk and talk through the park; seeing a working native bee hive; and ending up at the Rozelle Bay Community Native Nursery. Participants will be given seedlings to start their own bee-friendly gardens.

This workshop will be run by Elke Haege who breeds and installs native stingless bee hives, and is a landscape architect, arborist, and beekeeper. Workshops are on Tuesday 17 and Saturday 21 May 2016 from 10am-1pm.

Treading Lightly 2016
There have been eight Treading Lightly workshops run in the past two months for 223 people in total. Workshops were:

- Vertical Gardening
- Tomato Evening
- Recycled Fashion Parade for Earth Hour
- Intro to Making Fetta
- Something Wild! Australian Wildlife Display
- Rock Pool Ramble
- Sustainable Food Safari
- Compost Revolution Workshop

All workshops have been booked out, usually well in advance, with most or all registrants attending. Feedback (through Survey Monkey surveys and verbally at workshops) has been very positive.

Climate Conversations Forum
The 2016 Climate Change Forum was held on Tuesday 19 April 2016 from 6-8pm in the Leichhardt Town Hall. The topic was broadly focussed on helping our community live as sustainably as possible, with an emphasis on waste.

Tim Silverwood, co-founder of Take 3, was the guest speaker. He gave an engaging talk on the issue of plastic pollution, especially in marine environments. It tied in with Council’s current plastic bag free campaign. There were several stalls from different community groups: Climate Change Balmain-Rozelle, The Bower, Leichhardt
Council, Balmain Seed Library, Plastic Bag Free NSW, and Leichhardt bushcare and Rozelle Bay Community Native Nursery (RBCNN) volunteers, Compost Revolution, and a green cleaning table with demonstrations on how to make natural cleaners with Therese Rutherford.

The event was opened by the Mayor. Approximately 50-60 people attended and were engaged with the speaker and representatives at each stall.
OPERATION GUIDELINES
ENVIRONMENT & CLIMATE CHANGE COMMITTEE (TIER 2)

(Adopted at the Environment & Climate Change Committee Meeting on 13 May 2015)

1. Date & Time
   ▪ Second Wednesday of every second month commencing March
   ▪ 6.30pm – 8.30pm. The timing of the meeting can be extended by vote by half an hour.

2. Location
   ▪ Leichhardt Town Hall Supper Room

3. Chair
   ▪ Elected by Councillors and as determined

4. Quorum
   ▪ Chair and four others which may comprise community members or Councillors

5. Time period to wait for Quorum
   ▪ 30 minutes from starting time of meeting

6. Councillor and Staff Attendance
   ▪ All Councillors may attend meeting; Councillor attendance not mandated
   ▪ One or two staff members able to speak on all agenda items, and may include Manager Environment & Urban Planning, Team Leader Environmental Strategy, Sustainability Engagement Officer, Environmental Technical Officer, Manager Assets and Parks, Bushcare & Biodiversity Officer, Stormwater & Development Team Leader, Manager Works & Waste Services, Resource Recovery & Waste Management Officer, and in addition a minute taker if required.

7. Community Representation
   ▪ Participation by community members, representatives of local community organisations and government agencies is to be actively encouraged.

8. Resolutions adopted by Committee
   ▪ Resolutions are adopted by majority vote of Councillors and community representatives.
   ▪ Where a vote is tied the Chair shall exercise a casting vote.
   ▪ Committee meeting minutes, including all resolutions adopted by the Committee must be referred to the Senior Management Team (SMT) and all relevant matters (including proposed policy changes, new policy and expenditure of funds) shall be referred by SMT to the next Policy Council Meeting and shall include all associated reports, comments and recommendations.

9. Agenda and Report Availability
   ▪ Agendas and reports will be circulated to committee members a week prior to meeting.
   ▪ Agendas and reports will be made available to the public 7 days prior to the meeting.

10. Conflict of Interest
    ▪ At the commencement of each meeting the Chair will ask all persons present to declare any conflicts of interest in relation to any items on the agenda. The Chair will determine what action should be taken if such a conflict occurs.

11. Code of Conduct and Guiding Principles
    ▪ The meeting is being conducted in keeping with Council’s Code of Conduct.
    ▪ Guiding principles include:
      ▪ Working openly and honestly with each other, accepting that we will not always agree, but focusing on the values that we share
      ▪ Working in good faith and consult, negotiate a compromise to achieve common objectives, and reach decisions through consensus
      ▪ Acknowledge and respect our religious, political or other differences and do not allow them to cause divisiveness on the committee

12. Officer Responsibility
    ▪ To draw the meeting’s attention to any proposal that is contrary to Council Policy or requires a budget decision.