

# **ENVIRONMENT COMMITTEE MEETING**

## **BUSINESS PAPER**

**TUESDAY 11 AUGUST 2009**

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## ENVIRONMENT COMMITTEE MEETING

Notice is hereby given that an Environment Committee Meeting of the Council of the City of Randwick will be held in the Council Chamber, Town Hall, 90 Avoca Street, Randwick, on Tuesday, 11 August 2009 at 6:00pm.

Committee Members: The Mayor, B Notley-Smith, Andrews, Belleli, Hughes (Deputy Chairperson), Matson (Chairperson), Nash, White & Woodsmith.

Quorum: Five (5) members.

NOTE: At the extraordinary meeting held on 22 May 2007, the Council resolved that the Environment Committee be constituted as a committee with full delegation to determine matters on the agenda.

### Apologies/Granting of Leave of Absences

### Confirmation of the Minutes

Environment Committee Meeting – 9 June 2009

### Declarations of Pecuniary and Non-Pecuniary Interests

### Address of Committee by Members of the Public

### Urgent Business

### Greening Randwick Reports

Nil

### Environment Reports

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### Notice of Rescission Motions

Nil

### Closed Session

Nil

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Ray Brownlee  
**GENERAL MANAGER**



## Environment Report No. E16/09



**Subject:** Update on Cities for Climate Protection Program  
**Folder No:** F2005/00324  
**Author:** Bronwyn Englaro, Senior Sustainability Officer

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### Executive summary

On 11 June 2009, Council was congratulated by ICLEI, Local Governments for Sustainability, on the successful completion of Milestone 5 of the Cities for Climate Protection (CCP) Program. The Milestone 5 was awarded to Council at the ICLEI recognition event held at the Australian Local Government Association (ALGA) National General Assembly in Canberra on Monday 22 June 2009.

The recent Milestone 5 process involved three key elements:

- i. Re-inventory of council's corporate and community Greenhouse gas (GHG) emissions.
- ii. Quantification of GHG emission reduction measures implemented by Council in 2006/2007.
- iii. Completion and approval of a Milestone 5 report, which analyses the results and progress from the implementation of projects and makes recommendations for future greenhouse actions.

### Background

Randwick City Council joined the CCP Program in September 2003 with Milestone 1 of the Program awarded to Council in December 2005, which involved the development of an emissions inventory for both Council and the community.

To meet Milestone 2, targets for 2012 were set shortly after, being a 20 percent reduction goal for greenhouse gas emissions from Council (from a baseline level for 1998/99) and for emissions from the community sector (from 1996 being the census period).

In April 2007, Council endorsed a Local Greenhouse Action Plan (LAP) for greenhouse gas reduction. This strategic plan outlined the actions and initiatives to be implemented by Council to achieve the reduction goals. This plan and progress towards the target led to achieving Milestone 3 and 4 in 2007.

### Overall Results

Council is proactively implementing a wide range of actions identified in the LAP, with the total corporate abatement achieved by 2007 from all implemented actions equalling 1029.87 tonnes for carbon dioxide equivalent units (CO<sub>2</sub>-e), and community abatement from all implemented actions equalling 28,441 tonnes CO<sub>2</sub>-e. This is equivalent to taking 240 cars off the road permanently from Council actions and 6614 cars off the road from community actions. Numerous energy saving measures have been implemented, with the majority of corporate abatement coming about through energy efficiency upgrades at various Council sites including the Depot, Des Renford aquatic centre, Bowen Library and beach facilities. Community abatement was mainly attributed to recycling and reuse programs.

### Conclusion

Council is well on the way to meeting the CCP targets for 2012 being a 20% reduction (measured separately for Council and Community). The Milestone 5 report

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shows increases in Council emissions based on 1998/99 baseline year. However, this was not representative of all Council's facilities which were fully accounted for in the 1999/2000 data. Thus, while overall corporate emissions increased by 32 per cent, from 9,720 tonnes CO<sub>2</sub>-e in 1998/1999 to 12,798 tonnes CO<sub>2</sub>-e in 2006/2007, Council's Administration centre, Depot, Des Renford Aquatic Centre and Bowen Library were included fully in 1999/2000 and a more accurate comparison of energy consumption was measured for 1999/2000 baseline year.

Corporate emissions decreased by 6.5 per cent, from 13,680 tonnes CO<sub>2</sub>-e in 1999 to 12,798 tonnes CO<sub>2</sub>-e in 2007. This is an excellent result given that Council services, staffing and population we serve have all increased over the timeframe including the Bowen Library expansion, dedication of Bundock Street Community Centre, expansion of fleet including additional street and beach cleaning vehicles.

Community sector emissions have increased by 31 per cent between the baseline and reinventory years, from 1,037,939 tonnes CO<sub>2</sub>-e in 1996 to 1,356,049 tonnes CO<sub>2</sub>-e in 2006. These increases can be attributed to changes in population socio economic/affluence characteristics in the local government area over the time period. In addition, greenhouse gas reduction programs based on community awareness are invariably difficult to quantify, however the environment levy will be used to better quantify emission reduction efforts in future programs.

### **Future Actions**

Through Council's endorsed Energy Saving Action Plan, Local Action Plan for Greenhouse Gas Reduction, and Council's internal Energy and Water Working group, Council will continue to implement actions towards Council's City Plan Outcome 10 of reducing greenhouse gas emissions. Such actions include expansion of the photovoltaic system at the depot, further retrofits on the Bundock Street Community Centre, roll out of solar hot water at Council and community facilities, investigation of cogeneration at the Des Renford aquatic centre and the installation of small scale wind turbines at demonstration sites. In addition Council is continuing to administer the Local Government Emission Trading Scheme which is adopting a 5 year emission reduction target through a detailed emission forecasting and abatement evaluation analysis.

### **Relationship to City Plan**

The relationship with the City Plan is as follows:

Outcome 10: A Healthy Environment.

Direction 10g: Greenhouse gas emissions are reduced.

### **Financial impact statement**

There is no direct financial impact for this matter.

### **Conclusion**

By achieving Milestone 5 Council has successfully completed the Cities for Climate Protection Program as committed to in Council's City Plan. After twelve years of supporting ICLEI Cities for Climate Protection (CCP) program, the Australian Government has advised that funding ceased at the end of the 2008/2009 financial year. Unfortunately this means ICLEI Oceania will end its CCP milestone support program and projects on 30 June 2009. Nevertheless, ICLEI is continuing to operate a CCP partners program providing information sharing and networking services to senior managers and elected representatives. Council as a program partner and will be participating in these services.

**Recommendation**

That Council receive and note the report and Council's achievement of the Cities for Climate Protection (CCP) Milestone 5.

**Attachment/s:**

1. ICLEI letter of Congratulations

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**ICLEI Oceania**

Level 4, 287 Collins St, Melbourne VIC 3000, Australia  
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 Web: [www.iclei.org/ocp-au](http://www.iclei.org/ocp-au)

Randwick City Council

19 JUN 2009

11/06/2009

Records Received

Cr Bruce Nolley Smith,  
 Mayor  
 Randwick City Council  
 30 Francis St  
 Randwick NSW 2031

Dear Cr Nolley Smith,

**Milestone 5 Achievement**

Congratulations! Randwick City Council has completed Milestone 5 in the Cities for Climate Protection (CCP) Australia Program.

This is an outstanding achievement and Randwick should be congratulated for the commitment it has shown to CCP and for the significant greenhouse reductions achieved to date.

In Australia, more than 230 local governments, representing over 84% of the country's population, have committed to reducing their emissions through the CCP Program. More than half of these CCP councils have completed Milestone 5 and restated their commitment to their greenhouse programs.

We would like to take this opportunity to acknowledge the work of Bronwyn Englaro and other Randwick City Council staff in the preparation and completion of this Milestone. Council will be recognised for this achievement at the next CCP Recognition Ceremony which will be held in Canberra on 22 June. Details of this event will be sent to Council.

Achieving Milestone 5 provides a great opportunity to create media interest in your local area about your efforts to reduce greenhouse emissions. Support materials on promotion through your local media can be found at [www.iclei.org/ocp-au](http://www.iclei.org/ocp-au). If you would like more information please contact your CCP State Manager.

We again congratulate you on completing Milestone 5 and wish you success in your future work to address climate change.

Yours sincerely,

Sarah Riddle

CCP Australia Program Support Manager  
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Mr Ray Brownlee, General Manager  
 Sima Truvert, Director City Planning  
 Mr Peter Maganov, Sustainability Manager  
 Ms Bronwyn Englaro, Senior Sustainability Officer  
 Karen Armstrong, Manager Strategic Planning

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## Environment Report No. E17/09



**Subject:** Results of Sydney Water's Water Assessment Program for Randwick Council

**Folder No:** F2004/06495

**Author:** Peter Maganov, Manager Sustainability; Bronwyn Englaro, Senior Sustainability Officer

### Introduction

The purpose of this report is to detail Sydney Water's evaluation of Randwick City Council in the '2009 Water Management Assessment.'

### Issues

Sydney Water provides a free water management assessment to organisations participating in their Every Drop Counts Business Program.

As a member, Council received its last water management assessment in 2006 where our water saving actions were rated 2 out of 5.

The results of our 2009 assessment reflect the efforts underway since 2006 and move Council to a 4 star rating out of 5.

Council's total annual water charges, via Sydney Water meters, are currently \$358,000. This equates to annual water consumption from Sydney Water meters of approximately 166ML, a 16 percent reduction from Council's consumption since our last assessment.

Over that time, new investment in stormwater harvesting and other water saving projects through Council's environmental levy program is providing further water savings in the order of 100ML per year.

### Relationship to City Plan

The relationship with the City Plan is as follows:

Outcome 10: A Healthy Environment.

Direction 10(a): Council is a leader in fostering environmentally sustainable practices.

Direction 10(f): A total water cycle management approach including water conservation, re-use and quality improvements is adopted.

### Financial impact statement

There is no direct financial impact for this matter.

### Conclusion

The results of Sydney Water's water management assessment of Randwick City Council, confirms the cumulative benefit of projects carried out via the environmental levy program. Staff will use this analysis as a means of adjusting and fine tuning priority projects to continue generating positive water saving results for Council.

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**Recommendation**

That the report be received and noted.

**Attachment/s:**

Nil

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