

Woollahra  
Municipal  
Council

**Environmental  
Sustainability  
Action Plan**

2013-2025



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# Introduction

The Woollahra Municipal Council LGA has a diverse and significant environment. The municipality houses 16 kilometres of harbour foreshore, consisting of rocky headlands, coastal cliffs and beaches.

The area is rich in biodiversity with approximately 30 hectares of bushland, over 300 plant species including two threatened and one vulnerable plant species and threatened native species. There is great potential to restore some of our lost biodiversity which will be addressed by Council's Biodiversity Conservation Strategy (BCS). The commitments in this Plan and those addressed in the BCS will redirect current efforts and will put forth new initiatives that will target investment in terrestrial, aquatic (freshwater) and marine programs until 2025.

Woollahra Municipal Council's Community Strategic Plan, Woollahra 2025 – our community, our place, our plan identifies a number of challenges for securing Council's future environmental sustainability.

In response to this, Council has set out the following environmental sustainability priority action areas:

**Energy & Emissions** | **Water** | **Biodiversity** | **Waste** | **Transport**

This Environmental Sustainability Action Plan (ESAP) details Council's targets and commitments to initiatives related to each of these priority action areas.

Crucial to each of these priority action areas is the **education and engagement of the community**. Throughout the targets and actions listed for each priority area, a number of community engagement and education actions have been identified to support the achievement of Council's targets, and to ensure the engagement of the four target areas in our community – residents, schools, Council staff & Councillors, and businesses.

## Environmental targets

Woollahra Council's Environmental Sustainability Targets are:

### Energy & Emissions

- > **30% reduction of greenhouse gas emissions by 2025**
- > **20% reduction in consumption at top sites by 2017**
- > **50kw of renewable energy installed on council facilities by 2017**

### Water

- > **30% reduction on 2004/05 usage by 2017**
- > **80% of top ten water using sites have stormwater harvesting systems by 2025**
- > **80% of top ten water using sites have rainwater harvesting systems by 2025**

### Biodiversity

- > **75% of bushland under regeneration by 2017**
- > **15% of bushland fully regenerated by 2017**

### Waste

- > **66% waste diversion from landfill by 2014**
- > **20% increase in public place recycling by 2017**

### Transport

- > **30 km of roads within the LGA have designated bike lanes by 2025**
- > **100% of the cars offered in carshare programs in the LGA are fuel-efficient vehicles by 2017**



## A Message from the Mayor

We all have an individual and collective impact on the environment, economy and people within our community. By working together we can improve the quality of life for all members of our community in ways that are sustainable.

This Environmental Sustainability Action Plan will help us to:

- > Reduce the environmental impact of the council's activities
- > Become more efficient in our use of resources
- > Support our community in becoming more sustainable

This Plan provides a summary of Council's Environmental Sustainability Targets. These Sustainability Targets are based on the objectives set out in the Council's Community Strategic Plan, Woollahra 2025 – our community, our place, our plan.

This Plan will establish the priority action areas and commitments that will enable Council to create a more sustainable municipality.

**Andrew Petrie** Mayor  
June 2013

# Woollahra Municipal Council Profile

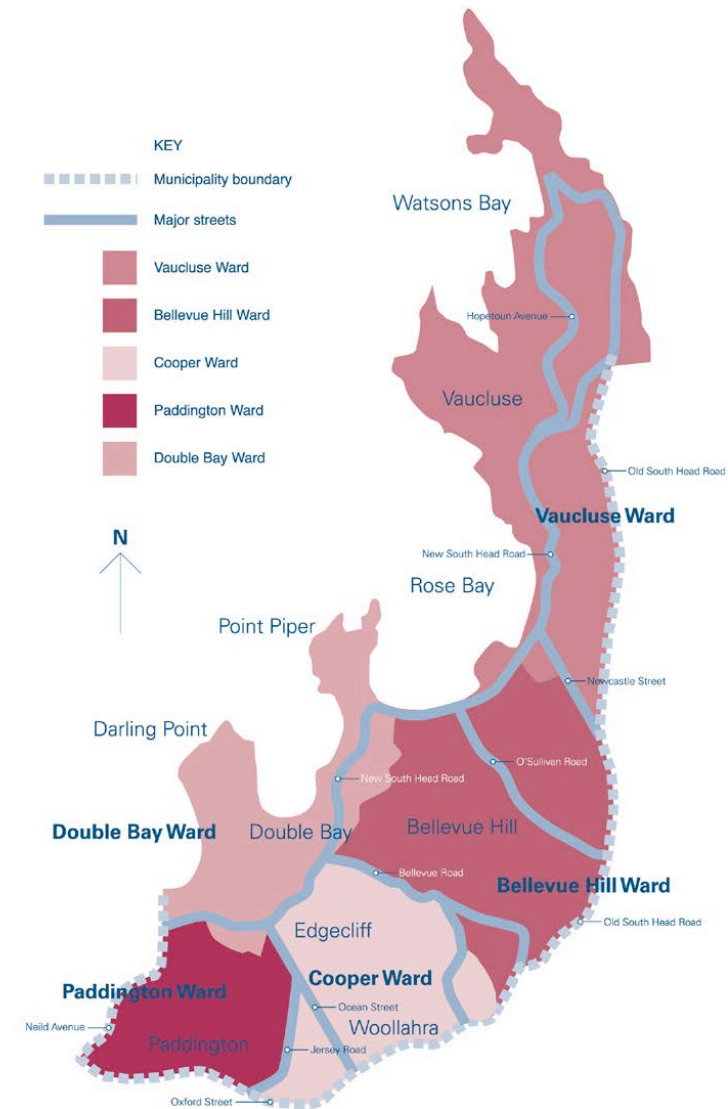


Figure 1: Ward Map of Woollahra Municipal Council

The Woollahra Municipal Council Local Government Area (LGA) is located across the eastern suburbs of Sydney bounded by Sydney Harbour, Waverley Council, Randwick City Council and the City of Sydney Council. It includes the suburbs of Bellevue Hill, Darling Point, Double Bay, Edgecliff, Paddington (part), Point Piper, Rose Bay (part), Vaucluse (part), Watsons Bay and Woollahra as shown in **Figure 1**.

The original custodians of Woollahra Municipal Council LGA were the Cadigal and Birrabirragal Aboriginal people. The Woollahra Municipal Council LGA is an

area steeped in natural beauty and heritage appealing to residents, visitors and tourists who enjoy its many parks, waterfront locations and historical buildings. Most of the housing in the area is medium or high density, with a high proportion of people living in flats and single person households, and about 50% of housing being single dwellings.

In 2011, our estimated resident population was 56,324. The Woollahra population is projected to grow to 62,704 by 2030, and the Sydney Metropolitan Strategy has identified the need to provide 2,900 new dwellings.

# Connections to the Community Strategic Plan and Government Reporting

Figure 2: How the ESAP fits in with other Council reporting instruments

In 2009 Integrated Planning and Reporting Legislation was passed through NSW Parliament requiring all councils in NSW to prepare a Community Strategic Plan, Delivery Program, Operational Plan and a Resourcing Strategy. Woollahra Council's Integrated Planning & Reporting Framework is as shown in **Figure 3**. Coming into effect on 1 July 2010, the legislative requirements have been amended to provide Councils with the flexibility to prepare their environmental reporting in a way that enables Council to focus their resources on monitoring and reporting on environmental issues that are of concern to their community and where Council may influence their management.

To effectively track sustainability and environmental progress, Council has developed targets across five sectors; Water, Biodiversity, Energy, Transport and Waste. These targets have been integrated into the latest version of Council's Community Strategic Plan in 2013 and will describe how Council will work with our community needs and expectations in a sustainable manner.

The environmental targets have been selected for each sector through the development of this plan. Each year Council will report on the progress towards reaching these environmental targets and this update will be included in the annual report.

This new reporting method will help ensure that Council continues to communicate the results from the Woollahra Environmental Works Program and achieve a higher level of sustainability and environmental management.

The ESAP provides the context for these priority areas and details Council's commitments in each of the priority action areas identified in Council's CSP. The ESAP is a guide for Council's environmental sustainability commitments that will help establish the systems and programs to deliver the outcomes detailed in Council's Delivery Program and Operational Plan. The Environmental Report Card is an annual update on the progress of the actions detailed in the ESAP, and will be included in Council's Annual Report as shown in **Figure 2**.



Other Supporting Plans, Strategies & Policies including:  
**ESAP 2013-2025**  
**Environmental Report Card WETS**



# The Environmental Report Card

The Environmental Report Card will also be used to fulfil our State of the Environment (SoE) reporting obligations and will provide an annual summary of progress in the priority action areas of: Energy & Emissions, Water, Biodiversity, Waste and Transport, as shown in **Figure 3**.

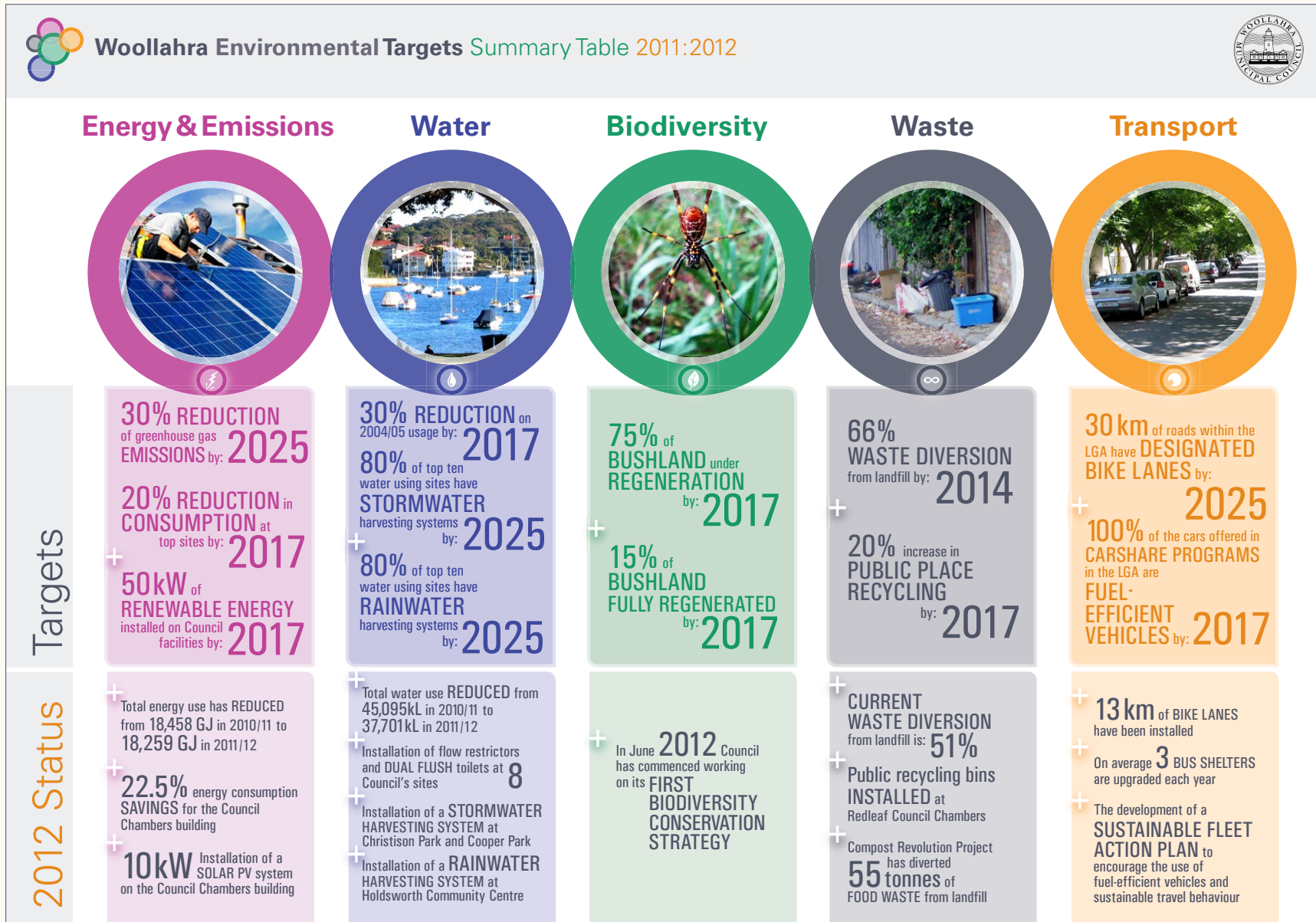



Figure 3: Council's Environmental Targets Summary Table in the 2011-12 Environmental Report Card



# The structure of this Environmental Sustainability Action Plan **ESAP** 2013-2025

## Developing the Targets and Actions

To develop this ESAP, Council staff and consultants reviewed the following documents and plans, developed in the past, to provide a basis for each of the targets and actions set under the five priority areas:

- > **Carbon Reduction Strategy and Action Plan 2010-2025**
- > **Climate Change Risk Assessment – Adaptation Report**
- > **Water Savings Action Plan**
- > **Energy Savings Action Plan**
- > **Energy Performance Contract Report**
- > **Sustainable Procurement Action Plan**
- > **Biodiversity Action Plan (draft)**
- > **Sustainable Fleet Action Plan**
- > **Woollahra Bike Strategy 2009**
- > **Woollahra Events Policy**

The next step will be to review consumption data across the local government area and develop Community targets that can be used to guide future sustainability actions.

## Key Performance Indicators

The Key Performance Indicator (KPI) for each action will provide a measure with which Council's progress on individual actions can be evaluated and reported on annually. The KPI will either incorporate detail on the desired change in outcome for a facet of Woollahra's environmental sustainability, and/or will incorporate a date by which the action should be achieved. If a date is included in the KPI – this will also serve as setting a priority for Council's commitment to this action.



# The Action Plan

To enable direct correlations between the actions within this ESAP and Woollahra 2025, a table of references to relate Council's CSP strategies with the ESAP's priority action areas is presented in **Table 1**.

Priority Action Area	CSP Strategy Number	Strategy description
Energy & Emissions	8.1	Reduce greenhouse gas emissions and ecological footprint
	8.2	Monitor and strategically manage environmental risks and impacts of climate change
	4.2	Promote sustainable design in future private and public development
Water	5.2	Provide and maintain safe, clean, serviceable public infrastructure including roads, footpaths, bicycle facilities, parks, open space, stormwater drains and seawalls
	5.7	Renew and upgrade ageing public infrastructure including roads, footpaths, stormwater drains and seawalls
	7.3	Support cleaner, healthier waterways including improved water quality and healthy water catchments, creeks and harbour
	8.4	Reduce local water usage by Council and on private property
	8.5	Promote and carry out water sensitive urban design
Biodiversity	7.1	Protect natural landscapes, systems and biodiversity
	7.2	Preserve and restore bushland areas and create wildlife corridor plantings
	7.3	Support cleaner, healthier waterways including improved water quality and healthy water catchments, creeks and harbour
Waste	8.3	Encourage and assist our community to be leaders in waste management and resource recycling
Transport	5.2	Provide and maintain safe, clean, serviceable public infrastructure including roads, footpaths, parks, open space, stormwater drains and seawalls
	5.7	Renew and upgrade ageing public infrastructure including roads, footpaths, stormwater drains and seawalls
	6.1	Facilitate an improved network of accessible and safe alternate transport options
	6.3	Promote provision of better, more integrated public and community transport
	6.4	Reduce traffic congestion, noise and speeding

Table 1: CSP Strategy No. references for ESAP Priority Action Areas



## Community Engagement & Education

Council has developed an Environmental Education and Action Program (EEAP) that engages and enables the following four target groups to contribute towards Council's environmental sustainability efforts.

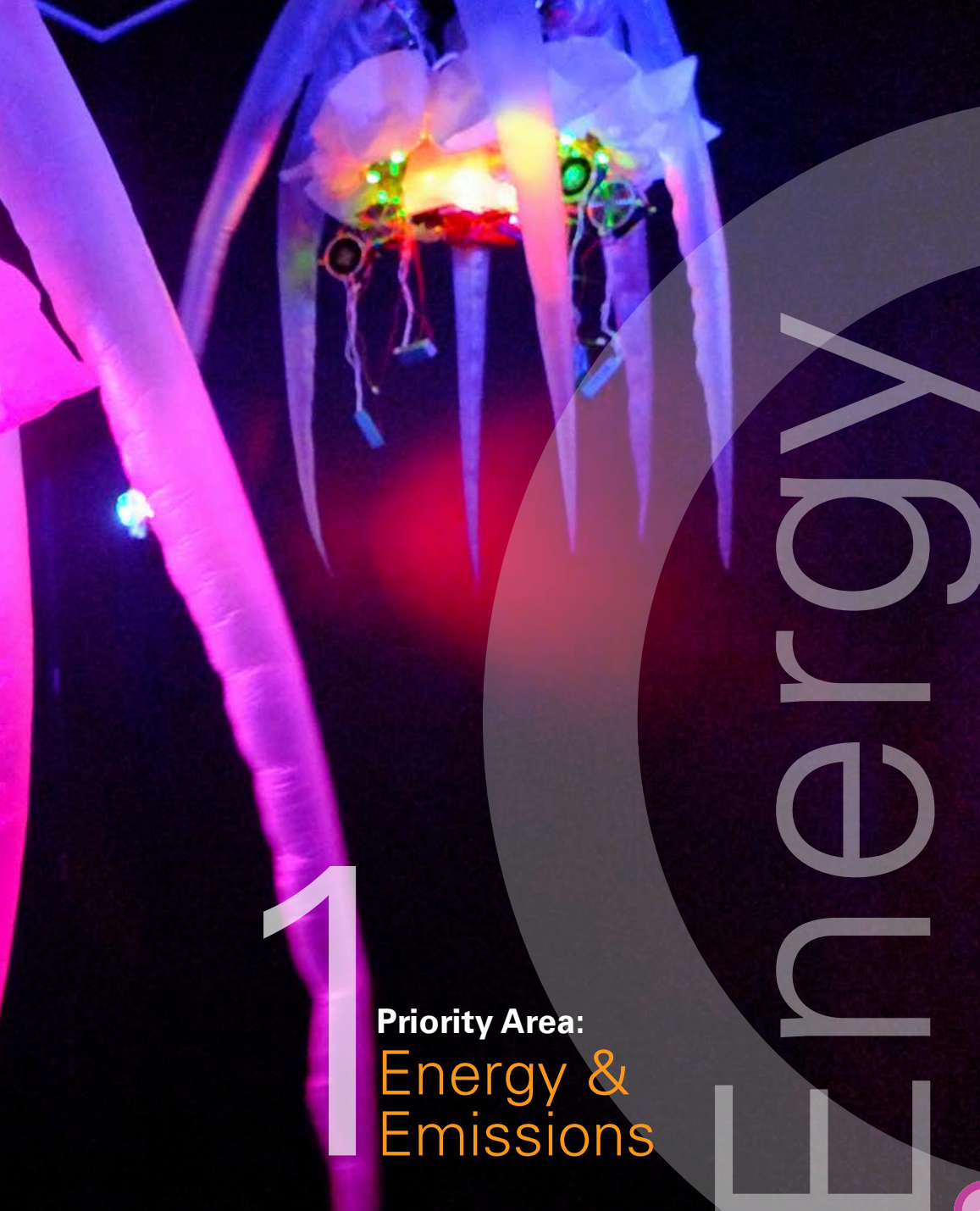
These four groups are:

- > Residents
- > Schools
- > Businesses
- > Internal Council Staff & Councillors

While specific community engagement and education actions have been incorporated into the discussion of each of the five priority areas, targets and commitments, there are a number of actions that operate outside of the five priority areas to ensure a comprehensive and robust sustainability education program. These are listed in **Table 2**.

Target	CSP Strategy Number	Action	KPI	Responsibilities
Educate and engage four target groups on sustainability issues	7.1, 8.1	A comprehensive plan to engage each of the four target groups is developed annually	An annual Community Engagement Plan is developed each year by the preceding December.	Environmental Education Officer
		Educate and engage residents and community groups on sustainability issues	Facilitate no less than 12 free sustainability workshops each year.	
			Support of the Eastern Green Thumbs Network is provided in partnership with Waverley and Randwick councils	
			1,500 residents signed up to receive Council's Our Environment e-Newsletter by 2014.	
			3 Council Ecological Footprint Project and related programs are supported	
		Educate and engage schools on sustainability issues	Support of the Eastern Suburbs Sustainable Schools Network (ESSN) is provided in partnership with Waverley and Randwick councils	
			Annual Community Environmental Grants Program is coordinated	
			Annual Environmental Schools Sculpture Prize is coordinated	
		Continue to promote and develop the Sustainable Business Program	Support is provided to local businesses to adopt more sustainable practices	
			Number of registered businesses in the Program	
Educate and engage Council staff and Councillors on sustainability issues	A minimum of 6 people across Council have maintained participation in the Sustainability CI Group annually to drive process change and education events within Council.			

Table 2: Community Education and Engagement Action Table



1

## Priority Area: Energy & Emissions

## Actions Completed to Date

Council's energy and emissions-related actions completed to date include:

- > **Implementation of recommended actions in Council's 2008 Energy Savings Action Plan**
- > **Implementation of the Energy Performance Contract (EPC)**
- > **Participation in the Street Lighting Improvement Program (SLIP)**
- > **Support for clean energy produced from renewable energy sources through purchase of Green Power and implementation of renewable energy technologies such as solar photovoltaic cells in Council facilities**
- > **Implementation of recommended actions in the Council's Carbon Reduction Strategy and Action Plan 2010-2025.**

The 2008 Draft Energy Savings Action Plan provided energy usage analysis of Council's top ten energy using sites, and identified and prioritised actions to conserve energy use. The actions recommended in this ESAP are aimed at enabling Council to achieve a 20% reduction in energy consumption on 2003/2004 levels by 2018.

Council has collaborated with 33 other councils in the AusGrid electricity distribution area for the Street Lighting Improvement Program (SLIP) to improve the efficiency and effectiveness of street lighting through the region.

GreenPower is the clean energy produced from renewable energy sources. Council currently purchases 6% Green Power for the operation of large sites. Council has also signed a contract to supply energy to Council's small sites which includes the supply of 25% accredited Green Power.

Council's greenhouse gas emissions have increased from levels measured in 1999/2000, and a greenhouse gas emissions reduction target of 30% below 2003/2004 levels should be set for Council operations to achieve by 2025. Council's Carbon Reduction Strategy and Action Plan 2010-2025 presents an overall strategy to reduce emissions within the key areas of Streetlights, Buildings, Vehicle Fleet and Waste, to help achieve the Council's 30% greenhouse gas emissions reduction target.

## Future Actions

Council has identified the following actions (**Table 3**) to address the priority area of energy and emissions.



Table 3: ESAP Actions – Energy & Emissions (cont. on p12)



Target	CSP Strategy Number	Action	KPI	Responsibilities
<b>20% reduction in energy consumption at top 10 Council sites by 2017</b>	8.1	Street Lighting Improvement (SLI) Program	Lighting with an intelligent power supply in all new and replacement main road lighting is adopted	Manager – Engineering Services
		Continue with regular re-inventory of energy consumption of Council facilities	Energy consumption at Council facilities is analysed and reported on in the Council's Annual Report	Manager – Property and Projects
		Regularly analyse energy consumption data to establish efficiency trends for Council's top ten sites	Annual reporting for usage and expenditure, and report on the progress in achieving the energy targets	Team Leader – Environment and Sustainability
		Develop Key Performance Indicators and targets for Council's top energy using sites	Facility indicators and targets to be inserted into Annual Report	Team Leader – Environment and Sustainability
		Implement base projects under Council's Energy Performance Contract	All base projects in the Detailed Facilities Study carried out for Council are implemented by 2015	Team Leader – Environment and Sustainability Manager – Property and Projects
		Implement optional projects under Council's Energy Performance Contract	All optional projects in the Detailed Facilities Study carried out for Council reviewed by 2014. A plan for implementation of optional projects that are considered feasible to be developed after this review	Team Leader – Environment and Sustainability
		Develop energy efficiency training for staff	Education strategy to be developed and rolled out by 2015	Team Leader – Environment and Sustainability
		Investigate the use of solar panels and install solar panels for the top ten energy using Council facilities	Three of Council's top ten facilities will use solar energy by 2025	Team Leader – Environment and Sustainability
		Council to implement the Carbon Reduction Strategy & Action Plan 2010 – 2025	All actions in the Carbon Reduction Strategy & Action Plan have been implemented by 2025 Council's annual greenhouse gas emissions are 4,132 CO <sub>2</sub> -e tonnes or lower by 2025	Manager – Property and Projects Team Leader – Environment and Sustainability
		Update current cost savings in the Carbon Reduction Strategy & Action Plan with updated energy prices, and implementation costs based upon the Council's current situation, eg. Solar FiT and CEEP	Council's Carbon Reduction Strategy & Action Plan is updated for 2013	Manager – Property and Projects
		Procure a system which centralises emissions tracking, target setting and reporting for all sectors of Council	System procured and fully implemented by 2015 The system is used to track emissions data and report on greenhouse gas generation by all of Council's Departments	Team Leader – Environment and Sustainability
		Support staff to adopt energy efficient behaviours	Energy efficiency education and engagement programs undertaken	Environmental Education Officer
<b>50kW of renewable energy installed on Council facilities by 2017</b>		Develop and implement a carbon data collection protocol	The carbon data collection protocol must be developed, documented and used to collect data for input into the data management system detailed above by 2014	Team Leader – Environment and Sustainability

Energy & Emissions



Table 3: ESAP Actions – Energy & Emissions (cont. on p12)



Target	CSP Strategy Number	Action	KPI	Responsibilities
<b>30% reduction on 2003/2004 levels of greenhouse gas emissions by 2025.</b>	8.1	Implement actions in the Street Lighting Improvement Program to reduce greenhouse gas emissions	Lighting with an intelligent power supply in all new and replacement main road lighting is adopted	Team Leader – Environment and Sustainability
		Undertake a feasibility study for co-generation or gas generated cooling system installation at Council Chambers	Feasibility study conducted by 2013	Manager – Property and Projects
		Tender for energy efficient air conditioning system at Council Chambers	Dependent upon findings from the feasibility study to be conducted by 2013 This KPI will be updated and reported on in the 2013 Environmental Report Card	Manager – Property and Projects
		Implement Council’s Sustainable Fleet Action Plan	As detailed in the Transport section	Manager – Civil Operations
		Procure Green Power for Council facilities	Purchase 25% Green Power for Council facilities by 2025	Manager – Property and Projects
		Finalise Council’s Climate Change Adaptation Plan by December 2014	Council’s Climate Change Risk Assessment is reviewed and further developed into a Climate Change Adaptation Plan by December 2014	Manager – Business Assurance & Risk Management Team Leader – Environment and Sustainability
<b>Community Engagement</b>	8.1, 4.2	Continue to promote and develop the Sustainable Business Program	Number of registered businesses A register of energy efficiency actions undertaken by businesses in the Program is maintained each year	Team Leader – Environment and Sustainability
		Continue to promote and develop the Sustainable Building Advisory Service (SBAS)	Number of Registrations Number of registrations that implement Ecologically Sustainable Development (ESD) actions	Manager – Development Control Team Leader – Environment and Sustainability
		Council’s Strategic Planning Department is to focus on promoting Ecologically Sustainable Development (ESD) when assessing Development Applications (DAs)	Number of staff in the Council’s Strategic Planning Department that are trained on ESD aspects	Manager – Development Control Manager – Strategic Planning
		Support residents to adopt energy efficient behaviours	Energy efficiency information available to residents through workshops and Council website Save Power Kits available in all council libraries	Environmental Education Officer
		Support schools to adopt energy efficient behaviours and processes	Annual Community Environmental Grants Program provided Save Power Kits available in all council libraries School visits provided to schools on request to support energy efficiency education and engagement	Environmental Education Officer
		Support businesses to adopt energy efficient behaviours and processes	Energy efficiency information available to businesses through online resources, newsletters and by consultation	Environmental Education Officer



Priority Area:  
Water



## Actions Completed to Date

Council's initiatives to date to ensure the sustainable use of water include:

- > **Water Quality Monitoring Program**
- > **Implementation of the Water Savings Action Plan**
- > **Water Management Plan – WSUD program**
- > **Floodplain management**

Council monitors the water quality of creeks and streams for improved water cycle management and to ensure the health and conservation of aquatic ecosystems. In the Woollahra LGA, water samples are collected from five main swimming locations once every six days as part of a long-term monitoring program. These locations include Redleaf Pool, Rose Bay Beach, Nielsen Park, Parsley Bay and Watsons Bay.

Council has also developed a Water Savings Action Plan (WSAP) in accordance with the Energy Administration Amendment (Water and Energy Savings) Act 2005 and the Metropolitan Water Plan. The WSAP identifies water consumption at Council's top ten water using sites and identifies and prioritises actions to reduce potable water use. Council has already achieved the 20% water consumption reduction target set out in the 2010 WSAP.

In 2009 Council developed a holistic water management plan as a strategic review of the water management actions implemented under the Council's Environmental Works Program (EWP). The water management plan identified opportunities for the integration of Water Sensitive Urban Design (WSUD) into Council's capital works program.

Council's Floodplain Management Process is a four-staged process recognising the demands for development and change, the need for good urban and environmental outcomes, and the social and economic benefits of reducing flood damage. To date Floodplain Risk Management Plans have been completed for Rushcutters Bay and Double Bay. Council is currently working on Floodplain Risk Management Plans for Rose Bay and Watsons Bay.

## Future Actions

Council has identified the following actions (**Table 4**) that will improve water efficiency and increase the use of water conservation measures.



# Water

Table 4: ESAP Actions - Water



Target	CSP Strategy Number	Action	KPI	Responsibilities
<b>30% reduction on 2004/2005 water usage by 2017</b>		Implement the water consumption reduction actions detailed in Council's Water Savings Action Plan (WSAP)	Council's annual water consumption is down from 32,850 kL to 22,995 kL by 2018	Manager – Open Space and Trees Manager – Property and Projects
<b>80% of top ten water using sites have stormwater harvesting systems by 2025</b>	8.4, 8.5	Implement installation of stormwater harvesting systems and technologies detailed in Council's Water Savings Action Plan	8 out of Council's top 10 water using sites identified in the WSAP have stormwater harvesting systems installed by 2025	Team Leader – Environment and Sustainability
<b>80% of top ten water using sites have rainwater harvesting systems by 2025</b>		Continue to implement rainwater harvesting systems in Council facilities to reduce reliance on mains water consumption	8 out of Council's top 10 water using sites identified in the WSAP have rainwater harvesting systems installed by 2025	Team Leader – Environment and Sustainability
<b>Increase in Water Sensitive Urban Design projects completed</b>	8.5	Promote and carry out Water Sensitive Urban Design projects	Increase in WSUD projects within Capital works program	
<b>Community Engagement</b>	8.4	Educate staff on Council water saving measures	Staff are aware of the actions taken by Council to reduce water use	Environmental Education Officer
		Support residents to adopt water efficient behaviours	Annual workshops provided that educate on water wise practices in the home and garden	Environmental Education Officer
		Support schools to adopt water efficient behaviours and processes	School visits provided to schools on request to support water efficiency education and engagement Annual Community Environmental Grants Program provided	Environmental Education Officer
		Support businesses to adopt water efficient behaviours and processes	Water audits provided through Sustainable Business Program	Environmental Education Officer

Water



Priority Area:  
Biodiversity



# Biodiversity

## Actions Completed to Date

To restore some of Council's lost biodiversity, Council has begun development of a **Biodiversity Conservation Strategy (BCS)** which will detail the initiatives that will be implemented to target investment in terrestrial, aquatic (freshwater) and marine programs through to 2025.

Council also has an active bush regeneration program comprising of Council staff as well as volunteers. This **Bush Regeneration Program** maintains and enhances remnant bushland, and eradicates weeds and invasive species that threaten Woollahra's fragile environment.

## Future Actions

Council has identified the following actions (**Table 5**) to manage and conserve Woollahra's rich biodiversity for future generations.





Table 5: ESAP Actions - Biodiversity



Target	CSP Strategy Number	Action	KPI	Responsibilities
<b>75% of bushland under regeneration by 2017</b>  <b>15% of bushland fully regenerated by 2017</b>		Finalise Biodiversity Conservation Strategy	Biodiversity Conservation Strategy implemented, with 22.5 hectares of bushland under regeneration by 2017	Team Leader – Environment and Sustainability
		Continue support for activities undertaken by Council Bushcare volunteers	Bushcare volunteer program is active and effective in 2025, contributing to Council's bushland regeneration targets	Manager – Open Space and Trees
		Revise bush regeneration and revegetation schedules for 2013-2017	Bush regeneration and revegetation schedules to be revised by early 2013	Manager – Open Space and Trees
<b>Develop and implement a Coastal Zone Management Plan (CZMP) for Council by 2017</b>	7.1, 7.2, 7.3	Undertake Stage 1 of the CZMP to research and identify the hazards and management issues in regards to coastal zone conservation	The following coastal zone management studies for Stage 1 of the CZMP should be completed by 2017: <ul style="list-style-type: none"> <li>&gt; Scoping exercise</li> <li>&gt; Literature and information review</li> <li>&gt; Coastal hazard study</li> <li>&gt; Estuary condition study</li> <li>&gt; Community Uses Assessment</li> </ul>	Team Leader – Environment and Sustainability
		Undertake Stage 2 of the CZMP to document the Coastal Zone Management Plan	Stage 2 of the CZMP will involve: <ul style="list-style-type: none"> <li>&gt; Identification and evaluation of management options</li> <li>&gt; Proposed management actions to be incorporated in an implementation schedule</li> </ul> Community consultation processes and the delivery of Stage 2 of the CZMP must be completed by 2016	Team Leader – Environment and Sustainability
<b>Engage, support and increase participation</b>	7.1		Pool to Pond program made available to all interested residents	Environmental Education Officer
		Support residents to protect and enhance local biodiversity	Sustainable Christmas Tree program made available to all interested residents	
			Number of community and communal gardens installed	
			Workshops provided that educate on attracting local biodiversity and growing native gardens	
		Support schools to protect and enhance local biodiversity	Native Garden Competition run annually in support of Schools Tree Day	Environmental Education Officer
	School visits provided to schools on request to support biodiversity education and engagement			
	Annual Community Environmental Grants Program provided			



## Priority Area: Waste

## Actions Completed to Date

Council is committed to developing a waste wise Woollahra. Council measures performance by documenting the tonnages of materials diverted from landfill by avoidance, reduction, reuse and recycling options. Council is committed to providing services and promoting initiatives that increase recycling and minimise and avoid waste.

Waste programs include:

- > **Domestic waste and recycling collections**
- > **Kitchen to Compost**  
- food and garden organics collection
- > **Composting and worm farming**
- > **Love food, hate waste campaign**
- > **Second Hand Sunday**
- > **Illegal dumping management**
- > **Hazardous waste collection**
- > **Waste education and Council services for schools**
- > **Garage Sale Trail**

## Future Actions

Council has identified the following actions (**Table 6**) to further reduce waste.



8

# Waste

Table 6: ESAP Actions - Waste



Target	CSP Strategy Number	Action	KPI	Responsibilities
Achieve 66% waste diversion from landfill by 2014	8.3	Continue to implement Council's waste programs	Landfill diversion of waste is increased from the current 51% to 66% in 2014	Manager – Civil Operations
		Measure and report on tonnes of food waste diverted from landfill through the Compost Revolution Project	Tonnes diverted from landfill through the Compost Revolution Project is reported in each year's Environmental Report Card	Manager – Civil Operations
		Support of reuse and waste avoidance programs in the community	Programs such as Kitchen to Compost, Garage Sale Trail and Second Hand Sunday supported to encourage reuse	Waste Projects Officer Environmental Education Officer
Establish a baseline for home composting in the Woollahra LGA		By early 2013, a baseline for home composting in the Woollahra LGA is developed based on: > Number of compost bins and worm farms in Council area > Tonnes collected	Compost Revolution Officer Manager – Civil Operations Manager – Open Space and Trees	
Support community engagement in the Compost Revolution project		Regular workshops and events coordinated for residents to attend	Compost Revolution Officer	
Measure and report on home composting in each year's Environmental Report Card		No of compost bins and worm farms in Council area and tonnes collected and reported	Manager – Civil Operations Team Leader – Sustainability and Environment	
Community Engagement		Support staff to adopt waste minimisation and avoidance behaviours	Implement Sustainable Purchasing Policy Implement waste reduction and avoidance aspects of Events Policy Workshops and education provided to staff on sustainable resource use	Waste Projects Officer Environmental Education Officer
		Support schools to adopt waste minimisation and avoidance behaviours	Annual Community Environmental Grants Program provided School visits provided to schools on request to support waste minimisation and avoidance education and engagement Schools provided with information regarding access to recycling services	Waste Projects Officer Environmental Education Officer
		Support businesses to adopt waste minimisation and avoidance behaviours	Waste reduction and avoidance information available to businesses through online resources, newsletters and by consultation	Waste Projects Officer Environmental Education Officer



## Priority Area: Transport

# 5

Transport

## Actions Completed to Date

Council is working to connect communities in the area through safe, connected and accessible neighbourhoods and access to a range of integrated transport options. In enabling sustainable transport options for Council's staff, residents and visitors, Council focuses on:

- > **Encouraging the use of public transport**
- > **Improving pedestrian infrastructure**
- > **Supporting car sharing**
- > **Advocating for the improvement of cycling facilities in the Woollahra LGA**
- > **Improving the sustainability of Council's own fleet**

Council encourages the use of public transport by lobbying public transport providers on the provision of services, by providing and maintaining bus passenger facilities and by extending access opportunities. Council also seeks to identify and remove access impediments to the mobility impaired.

Council supports car sharing as a convenient, sustainable and low cost alternative to car ownership, car rentals and taxis. Car sharing, first introduced in the Woollahra LGA in 2008, provides residents and local companies with a sustainable alternative to car ownership at a fraction of the cost. Car share approval to date has been granted to GoGet and there are currently eleven dedicated car share spots in the Woollahra LGA.

Woollahra's Bike Plan was adopted in 2000 and the Bike Strategy was adopted in 2009. They have been progressively implemented since their adoption dates. It outlines the actions required to improve facilities for cycling throughout the Woollahra LGA. In particular, the Bike Plan recommends the establishment of designated bike lanes. In 2012 Council developed a Sustainable Fleet Policy to guide sustainable fleet decisions and assist the continual improvement of Council's fleet management process.

## Future Actions

Council has identified the following actions (**Table 7**) to further encourage the use of alternative, sustainable transport options by the Woollahra community.



Table 7: ESAP Actions - Transport

Target	CSP Strategy Number	Action	KPI	Responsibilities		
<b>30km of roads within the Woollahra LGA have designated bike lanes by 2025</b>	5.2, 5.7, 6.1, 6.3, 6.4	Continue to implement Council's 2009 Bicycle Strategy	Timeframes should be added to all recommended actions in Council's Bicycle Strategy All actions are implemented according to the timeframes set by Council	Manager – Engineering Services		
<b>Increase access to, and fuel efficiency of, car share schemes by 2017</b>		Collect fuel efficiency information on vehicles offered as part of the GoGet car share scheme in the Woollahra LGA	Fuel efficiency information to be obtained by June 2013			
		Include definition for “fuel-efficient vehicle” in brief for car share program suppliers	Brief to be edited by August 2013			
		Conduct a car share gap analysis to identify Council areas which do not have easy access to a car share pod	Car share gap analysis to be conducted by June 2013			
		100% of the cars offered in the car share programs in the LGA are fuel-efficient vehicles by 2017	100% of the cars offered in the car share programs in the LGA are fuel-efficient vehicles by 2017			
<b>Improve the amenity of council owned public transport facilities by 2017</b>		Upgrade bus shelters across the Woollahra LGA	At least 3 bus shelters are upgraded each year			
		Improve pedestrian access across the Woollahra LGA	At least 3,000 m2 of footpaths in the Woollahra LGA are renewed each year			
<b>Improve fuel efficiency of fleet vehicles by 2017</b>		Implement Council's Sustainable Fleet Action Plan	Actions defined in Council's Sustainable Fleet Action Plan are implemented within the allocated timeframes			
<b>Community Engagement</b>		6.1	Support schools to adopt sustainable transport behaviours		Support provided to establish walk and ride to school programs	Environmental Education Officer
			Support residents to adopt sustainable transport behaviours		Provision of workshops and information to increase uptake of sustainable transport options including information on car sharing and bike riding	
	Support staff to adopt sustainable transport behaviours		Carpooling encouraged and facilitated for council staff Implementation of Sustainable Fleet Policy supported			
	Improved access to bike parking and storage facilities at council venues					



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Woollahra  
Municipal Council  
**Environmental  
Sustainability  
Action Plan**  
2013-2025

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