



# LIVING GREEN

Environmental Plan 2014-2020

## LIVING GREEN TO 2020 Draft for consultation



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## What is 'Living Green to 2020'?

'Living Green to 2020' is the City of Charles Sturt's new environmental plan. It takes the place of our previous plan, 'Towards One Planet Living: 2008 – 2013'.

'Living Green to 2020' is a strategic plan of Council, and has been put together based on community, staff and stakeholder input. It describes how Council will approach environmental issues for the coming 6 years, in partnership with our community.

## Community ideas and engagement

This plan is the result of a four step community engagement process, which commenced in 2013.

Pre-consultation (Sept 2013)	Ideas gathering (Oct 2013 - Jan 2014)	Community workshop (Feb 2014)	Draft plan (June 2014)
<ul style="list-style-type: none"><li>• Targeted conversations with community leaders, staff and stakeholders</li><li>• Preliminary issues identified for further exploration</li><li>• Assembly of issues raised in previous consultations (including through the preparation of our Community and Corporate Plans)</li></ul>	<ul style="list-style-type: none"><li>• Issues summarised as fact sheets and disseminated at events and online</li><li>• Ideas on these and other issues received from community</li><li>• Community events including 'The Cook, the Chef and the Composter' and 'Christmas at Our Place'</li></ul>	<ul style="list-style-type: none"><li>• All ideas on the table for community to consider</li><li>• Ideas sorted into themes and topics</li><li>• Feedback sought on each topic, and possible approaches</li><li>• Workshop outcomes circulated online and by email to all participants</li></ul>	<ul style="list-style-type: none"><li>• Draft plan prepared and released for feedback by community</li><li>• All workshop participants contacted directly by mail or email and invited to respond</li><li>• Final date for comments: 29 July 2014</li></ul>

## Have your say on this draft plan

This draft plan is being circulated for community input.

Your feedback is very important and will help us to ensure the plan meets the needs of our community and stakeholders, before it is finalised and adopted by Council.

Have your say **by 5pm, Tuesday 29 July 2014**:

**In person:** at our information display and coffee lounge, which will be held from 6pm to 7:30pm on Wednesday 9 July, in the foyer just outside the Woodville Library, 72 Woodville Road, Woodville

**Online:** at [www.yoursaycharlessturt.com.au](http://www.yoursaycharlessturt.com.au)

**By email:** to [council@charlessturt.sa.gov.au](mailto:council@charlessturt.sa.gov.au)

**By phone:** on 8408 1111

## Structure of this plan

The plan is structured under the following 3 themes:

- Our Built Environment
- Our Natural Environment
- Our People and Communities

Topics are then listed on their own page. Each topic represents a set of issues that has been raised by our community, for action by Council over the coming 6 years.

In some cases, this feedback has highlighted existing areas of Council activity. In other cases, our community is asking Council to take on new or expanded environmental roles.

Existing actions are included, to confirm Council's intention to continue supporting and reporting on these areas of environmental activity as this plan is implemented.

New actions are divided into two categories as follows:

- Actions to be implemented in the 3 years to 2017
- Actions to be implemented in the following 3 years to 2020, subject to the outcomes of the 2017 mid-term review

Key responsibilities are specified for each action. These refer to the individual Business Units within Council that will be responsible to lead and coordinate each action's delivery, and report the outcomes.

The source of each action is also identified as follows:

- Corporate Plan references – to show links to Council's broader strategic framework
- Community and stakeholder input – to show links to the ideas gathered during the preparation of this plan

KPIs, as listed in Council's Corporate Plan, are identified for each topic. These KPIs do not replace reporting on each action's implementation, but provide an additional high level indicator of the impact of our activities in each topic. Where no relevant KPI was identified in the Corporate Plan, a new KPI has been included.

## Mid-term review

The mid-term review will take place in 2017. This will allow us to once again invite our community and stakeholders to review the priorities for the final 3 years of the plan, taking into account any changes that have taken place in the intervening years.

Changes that could influence the plan's implementation may include, for example:

- Identification of new funding sources, that could accelerate action in a given issue or topic
- Research and other learnings from the first 3 years
- Actions that have not yet been completed from the first 3 years, or are ongoing

- New actions identified as part of the development of Council's new Corporate Plan, when the current plan expires in 2017

If you have attended workshops or provided an email submission to Council during the preparation of this plan, you will automatically be invited to participate in the mid-term review process. Input will also be invited from the general community at that time.

If you did not directly input to the plan, and would like to add your name to the list to be personally invited to participate in the mid term review, email Council on [council@charlessturt.sa.gov.au](mailto:council@charlessturt.sa.gov.au) with the title "Living Green Mailing List".

Draft for consultation

## Our Built Environment

The City of Charles Sturt is an urban environment with over 44,000 households and 8,000 businesses within an area of around 56 square km. Council itself owns over 200 buildings and over 200 hectares of irrigated areas, including 160 ha of open turf area and 53 ha of sporting grounds.

Each and every building and home uses water and energy, and makes use of services to ensure its waste and recycling is managed effectively.

As part of each annual budget, Council sets out its program to maintain and upgrade Council-owned buildings to preserve their value and condition and ensure they meet our community's needs. As part of this process, opportunities are identified to improve energy and water efficiency of these built assets, to improve both their environmental and economic efficiency.

The decisions and actions of other tiers of government are also critical to improving our built environment. They set policy that sets minimum built quality standards for new buildings, and the rules that govern our development assessment process.

For these reasons, the actions listed in this theme include some for which Council acts in the role of service provider, and others in which our role is to advocate to the State and Commonwealth Governments to improve the way in which they deliver services to our region.

## 1.1 Alternative Energy and Water Sources

<b>We will continue to:</b>	<b>Key Responsibility</b>	<b>Source</b>
1.1.1 Implement the Water Proofing the West project to provide a source of harvested stormwater for public use and reduce flood risk	Water Assets	Corp Plan 3.3.1, 3.5.1, 3.5.2, 3.5.6, 3.6.5 Community and stakeholder input
1.1.2 Promote the collection and reuse of stormwater on private land in areas not covered, or planned to be covered, by the Water Proofing the West stormwater catchments	Water Assets Planning and Development	Corp Plan 3.3.1, 3.5.1
1.1.3 Identify potential users of recycled water and arrange sale of recycled water as feasible	Water Business	Community and stakeholder input
1.1.4 Educate the community about access to and benefits of recycled water	Water Assets	Community and stakeholder input

<b>By 2017:</b>	<b>Key Responsibility</b>	<b>Source</b>
1.1.5 Track and progressively increase renewable energy generation at Council-owned premises	Property Services	Corp Plan 3.6.4 Community and stakeholder input
1.1.6 Identify opportunities to assist community and not-for-profit organisations wishing to reduce their energy and water use	Waste + Sustainability	Community and stakeholder input
1.1.7 Advocate for State and Federal Governments to provide financial incentives for renewable energy	Waste + Sustainability	Community and stakeholder input

<b>By 2020:</b>	<b>Key Responsibility</b>	<b>Source</b>
Facilitate community access to information about renewable energy and water sources, including possible establishment of an interpretive centre	Water Assets Waste + Sustainability	Community and stakeholder input

### KPIs:

ML per annum of recycled water injected into Charles Sturt aquifers

Completion of Stage 1 Water Proofing the West

Distribution of recycled stormwater through Water Proofing the West – Stage 1 commenced

Water Proofing the West – Stage 2a construction commenced

Flood plain mapping and stormwater management plans completed – Torrens Road and Trimmer/Meakin

## 1.2 Energy and Water Efficiency

<b>We will continue to:</b>	<b>Key Responsibility</b>	<b>Source</b>
1.2.1 Encourage and support community centres, sporting and community clubs to become more energy and water efficient	Property Services	Corp Plan 1.2.2, 1.8.5 Community and stakeholder input
1.2.2 Implement Council's 'Green Buildings Program' to identify and implement energy and water efficiency improvements in Council buildings	Property Services	Community and stakeholder input
1.2.3 Implement design solutions that improve the efficiency of water use on public open space	Open Space and Recreation	Corp Plan 3.3.2
1.2.4 Work with other Councils and SA Power Networks to accelerate the transition to energy efficient street lighting	Engineering Strategy and Assets	Corp Plan 5.6.2 Community and stakeholder input
1.2.5 Use our libraries and community centres to public showcase practical and affordable eco-design	Library Services Community Services	Corp Plan 1.1.1, 1.1.2, 1.8.2, 1.8.5 Community and stakeholder input
1.2.6 Identify opportunities to demonstrate green building practices to our community	Waste + Sustainability	Corp Plan 2.4.1 Community and stakeholder input

<b>By 2017:</b>	<b>Key Responsibility</b>	<b>Source</b>
1.2.7 Deliver a community grants program to assist community and sporting clubs to become more energy and water efficient	Waste + Sustainability	Community and stakeholder input
1.2.8 Identify funding sources to assist local businesses to implement energy, water and waste reduction projects	Urban Projects	Community and stakeholder input
1.2.9 Identify and promote financial incentives that help residents and businesses reduce their energy and water use	Waste + Sustainability	Community and stakeholder input

<b>By 2020:</b>	<b>Key Responsibility</b>	<b>Source</b>
1.2.10 Provide and promote programs that assist low income households to reduce their water and energy bills	Community Services Waste + Sustainability	Community and stakeholder input

**KPIs:** Annual electricity and water use at Council's two largest sites (Woodville Civic Centre and Beverley Depot) – showing black and green power usage

Water consumption in reserves – showing potable, aquifer and recycled water usage

Council building upgrades implement energy and water efficiency measures

% of public lights using energy efficient technology



### 1.3 Waste and recycling

<b>We will continue to:</b>	<b>Key Responsibility</b>	<b>Source</b>
1.3.1 Educate the community to improve their recycling efforts, including residents living in flats and apartments	Waste + Sustainability	Corp Plan 3.3.4 Community and stakeholder input
1.3.2 Provide recycling services for electrical and electronic wastes	Field Services	Corp Plan 5.6.3 Community and stakeholder input
1.3.3 Implement Council's 'Illegal Dumping Program', with an equal emphasis on community education and enforcement	Public Health and Safety	Community and stakeholder input
1.3.4 Develop partnerships with local business precincts to help them reduce costs and improve effectiveness of their waste and recycling services (priority – precincts such as Henley Square)	Waste + Sustainability	Community and stakeholder input
1.3.5 Expand the use of recycled materials in Council projects and construction works, including recycled asphalt	Field Services	Community and stakeholder input
1.3.6 Work with new technologies to communicate about waste and recycling, including the LGA My Local Services mobile app and to augment traditional paper-based forms	Marketing and Communications	Corp Plan 5.2.4, 3.3.4 Community and stakeholder input
1.3.7 Provide regular feedback to the community and Council on recycling performance to provide a focus for improvement	Waste + Sustainability	Corp Plan 3.3.4 Community and stakeholder input
1.3.8 Identify key audiences and areas for focus, to reduce contamination of recycling and organics bins	Waste + Sustainability	Corp Plan 3.3.4 Community and stakeholder input

<b>By 2017:</b>	<b>Key Responsibility</b>	<b>Source</b>
1.3.9 Undertake a major review of Council's kerbside and hard waste recycling services, to inform service improvements prior to tendering for new service contracts that will commence in 2018	Waste + Sustainability	Corp Plan 3.3.4 Community and stakeholder input
1.3.10 Upgrade the Beverley Recycling and Waste Centre, to improve customer service and safety, and to consider opportunities for social enterprise	Field Services	Corp Plan 4.2.1 Community and stakeholder input
1.3.11 Work with schools to improve recycling	Waste + Sustainability	Community and stakeholder input
1.3.12 Advocate for the State Government to ensure the delivery of safe and environmentally responsible hazardous waste disposal services	Waste + Sustainability	Community and stakeholder input

<b>By 2020:</b>	<b>Key Responsibility</b>	<b>Source</b>
1.3.13 Pursue options to continually improve cost effectiveness of waste and recycling services to the community, including in partnership with other Councils	Waste + Sustainability	Corp Plan 5.6.2 Community and stakeholder input
1.3.14 Identify suitable locations to trial public place recycling, and use trial results to effectively expand this approach	Waste + Sustainability	Community and stakeholder input
1.3.15 Model and encourage the uptake of best practice recycling at events	Waste + Sustainability	Community and stakeholder input

**KPIs:** Tonnes and % of kerbside waste sent for recycling, composting or landfill

Illegal dumping – total incidents, take-back rate

## 1.4 Development

<b>We will continue to:</b>	<b>Key Responsibility</b>	<b>Source</b>
1.4.1 Encourage and support the uptake of sustainable development principles, including the establishment of green buildings and precincts to showcase best practice	Planning and Development	Corp Plan 3.4.1, 4.5.1 Community and stakeholder input
1.4.2 Ensure Development Plan policy supports home-based businesses within residential areas, where compatible with surrounding uses	Urban Projects	Corp Plan 4.7.2 Community and stakeholder input
1.4.3 Encourage appropriate creation of rooftop gardens and other alternative greenspace, including green walls and shared gardens	Planning and Development	Corp Plan 3.4.1 Community and stakeholder input
1.4.4 Provide training opportunities for development assessment staff in relation to sustainable design and construction	Planning and Development	Community and stakeholder input
1.4.5 Advocate for the State Government to more effectively engage with local communities when planning for new development that may have environmental implications, including early in the process of developing strategy and policy	Urban Projects	Community and stakeholder input

<b>By 2017:</b>	<b>Key Responsibility</b>	<b>Source</b>
1.4.6 Trial the delivery of a 'Green Buildings Advisory Service' to encourage uptake of environmental improvements in designs for new buildings and renovations	Waste + Sustainability	Corp Plan 2.4.1 Community and stakeholder input
1.4.7 Research effective approaches to support adaptive reuse of buildings, as an alternative to knock-down and rebuild development	Planning and Development	Corp Plan 2.4.1 Community and stakeholder input
1.4.8 Investigate options for Council support environmentally sensitive developments that exceed standard legislative compliance	Planning and Development	Corp Plan 2.4.1 Community and stakeholder input

<b>By 2020:</b>	<b>Key Responsibility</b>	<b>Source</b>
1.4.9 Advocate for improvements to the Building Code of Australia, including a focus on energy efficiency and design for heat wave conditions	Planning and Development	Community and stakeholder input

**KPIs:** SA Policy Library module on sustainability incorporated in Council's Development Plan

St Clair Joint Venture sustainable show home established

Number of developers assisted through the 'Green Buildings Advisory Service'

Draft for consultation

## 1.5 Council Corporate Practices

<b>We will continue to:</b>	<b>Key Responsibility</b>	<b>Source</b>
1.5.1 Educate and support staff to incorporate environmental factors in decision making	Leadership Team Waste + Sustainability	Corp Plan 5.2.2, 5.8.3
1.5.2 Expand paperless data management options for staff and Council	Information Services	Community and stakeholder input
1.5.3 Promote alternatives to car use for staff travel to work, and to meetings	Open Space and Recreation	Community and stakeholder input
1.5.4 Provide high quality information, training and support for Customer Service staff, to support their critical 'first response' role in providing environmental information	Customer Service Waste + Sustainability	Corp Plan 5.6.1, 5.8.4 Community and stakeholder input
1.5.5 Support choices in vehicles and plant that reduce our carbon footprint	GM Corporate Services	Community and stakeholder input

<b>By 2017:</b>	<b>Key Responsibility</b>	<b>Source</b>
1.5.6 Enhance data management capability to allow 'live tracking' of Council's energy, water, fuel and paper use	Finance Information Services Waste + Sustainability	Community and stakeholder input
1.5.7 Quantify and minimise Council's consumption, with a focus on energy, water, fuel and paper use	All staff Waste + Sustainability	Community and stakeholder input
1.5.8 Deliver a program to strengthen organisational commitment to sustainability across all Business Units	Waste + Sustainability	Corp Plan 5.8.2, 5.8.3 Community and stakeholder input
1.5.9 Highlight environmental responsibilities in all new and revised position descriptions	Organisational Development	Community and stakeholder input
1.5.10 Highlight environmental responsibilities in portfolio/team business plans and PDA's for relevant staff	Leadership Team	Community and stakeholder input
1.5.11 Consider environmental opportunities in relevant Council policies with an aim to include specific targets for water, energy and waste reduction	Leadership Team	Community and stakeholder input
1.5.12 Develop a decision support tool to guide staff in consideration of environmental factors	Waste + Sustainability	Community and stakeholder input
1.5.13 Provide additional training to field staff where biodiversity improvements could be incorporated into day to day operations	Open Space and Recreation	Community and stakeholder input

<b>By 2020:</b>	<b>Key Responsibility</b>	<b>Source</b>
1.5.14 Integrate environmental criteria into Council Asset Management Plans and Long Term Financial Plan	Asset Management	Corp Plan 5.7.1, 5.7.2
1.5.15 Develop capacity for flexible work arrangements where consistent with business needs, and to reduce Council's carbon footprint	Organisational Development	Community and stakeholder input

**KPIs:** Staff awareness of and support for sustainability in the workplace (measured by survey)

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## Our Natural Environment

The City of Charles Sturt includes 11.5kms of coastline and 20km of creek lines. Our underground aquifers also form part of the system to store treated stormwater, which will soon be providing a source of recycled water to our community through the Water Proofing the West initiative.

Our area is also home to native species of plants, particularly along the coastline. These species are vulnerable to damage from the introduction of plants and animals from overseas and other parts of Australia, as well as weed encroachment caused by the substantially urban nature of our area.

Council uses native plants extensively in formal and informal landscapes, in our parks and reserves. In recent years, Council has established a new biodiversity team of field staff that are trained dedicated to maintain our biodiversity areas, in collaboration with volunteers including local dune care groups.

Our Council also manages the legacy of former land uses that have, in some cases, created site contamination that requires assessment, remediation and management. Council's new Contaminated Site Policy guides the way in which we approach these issues, working closely with the Environment Protection Authority and others.

This theme covers the above issues, recognising the importance of trees and open spaces to our community's wellbeing. The role of volunteers is touched on within this theme, and also references as part of the following theme 'Our People and Communities'.

## 2.1 Trees and landscapes

<b>We will continue to:</b>	<b>Key Responsibility</b>	<b>Source</b>
2.1.1 Implement the 'Trees for the Future' program to provide larger trees for habitat and shade, and to reduce heat island impacts	Open Space and Recreation	Corp Plan 3.2.2, 3.4.2 Community and stakeholder input
2.1.2 Prioritise the protection of trees in the urban landscape, including in particular our significant and regulated trees	Open Space and Recreation	Corp Plan 3.2.1 Community and stakeholder input
2.1.3 Work with developers to determine suitable WSUD treatments to provide water for streetscapes	Open Space and Recreation	Corp Plan 3.5.4 Community and stakeholder input
2.1.4 Encourage the opportunity for high quality walkable street environments by minimising multiple or wider driveways	Planning and Development	Community and stakeholder input
2.1.5 Increase opportunities for community participation in biodiversity management, including volunteering opportunities in dunes and parks	Open Space and Recreation	Corp Plan 3.1.1 Community and stakeholder input
2.1.6 Support community activities that foster community wellbeing and the local production of healthy food	Community Services	Corp Plan 3.7.2 Community and stakeholder input

<b>By 2017:</b>	<b>Key Responsibility</b>	<b>Source</b>
2.1.7 Develop protocols on appropriate food crop plantings in public spaces	Open Space and Recreation	Corp Plan 3.4.2 Community and stakeholder input
2.1.7 Identify areas and protocols to attract bees and pollinators, to maintain biodiversity and productivity in edible gardens	Open Space and Recreation	Corp Plan 3.4.2 Community and stakeholder input
2.1.8 Support residents to appropriately maintain significant trees via Heritage Grants Scheme	Urban Projects Open Space and Recreation	Corp Plan 3.2.3

<b>By 2020:</b>	<b>Key Responsibility</b>	<b>Source</b>
2.1.9 Map existing and historic canopy cover across the City, as a baseline against which to measure trends over time	Open Space and Recreation	Community and stakeholder input

**KPIs:** Net increase/decrease in number of trees on public land

Number of grants provided to assist regulated and significant tree maintenance

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## 2.2 Open Space

<b>We will continue to:</b>	<b>Key Responsibility</b>	<b>Source</b>
2.2.1 Incorporate Natureplay spaces in line with Council's Playspace Policy	Open Space and Recreation	Community and stakeholder input
2.2.2 Expand the use of carefully selected native plants in public spaces, including in formal landscapes	Open Space and Recreation	Community and stakeholder input
2.2.3 Retain vegetation, including large logs and dead trees where appropriate, to improve habitat in open space areas	Open Space and Recreation	Corp Plan 3.1.2 Community and stakeholder input
2.2.4 Conserve and protect sites of biodiversity significance	Open Space and Recreation	Corp Plan 2.1.1, 2.1.2, 3.1.1, 3.1.2 Community and stakeholder input
2.2.5 Advocate for the State Government to maintain our sandy beaches for their community, health and environmental benefits	Open Space and Recreation	Community and stakeholder input

<b>By 2017:</b>	<b>Key Responsibility</b>	<b>Source</b>
2.2.6 Review, update and implement the Open Space Strategy, to provide strategic direction for provision and upgrade of green spaces to meet community needs	Open Space and Recreation	Corp Plan 3.1.3 Community and stakeholder input
2.2.7 Update management plans for Council's biodiversity areas, addressing conservation, weed management, ongoing maintenance and working with volunteers	Open Space and Recreation	Corp Plan 1.5.1, 1.5.2, 2.1.1 Community and stakeholder input
2.2.8 Identify suitable locations, trial and showcase the establishment of edible parks	Open Space and Recreation	Community and stakeholder input

<b>By 2020:</b>	<b>Key Responsibility</b>	<b>Source</b>
Implement landscape improvements that maximise the potential of biodiversity corridors, such as linear parks, coastal reserves and transport corridors	Open Space and Recreation	Community and stakeholder input

**KPIs:** Number of local indigenous plants planted through biodiversity projects

Square metres of weeds removed from coastal areas

Open space strategy reviewed

## 2.3 Pollution and contamination

<b>We will continue to:</b>	<b>Key Responsibility</b>	<b>Source</b>
2.3.1 Work with the EPA to effectively communicate with the public about contaminated soils, sites and groundwater	Open Space and Recreation	Community and stakeholder input
2.3.2 Adopt environmentally sustainable methods when managing and remediating contaminated land, in accordance with Council's Contaminated Site Policy	Open Space and Recreation	Community and stakeholder input
2.3.3 Undertake a regulatory role in the education, encouragement and enforcement of stormwater pollution prevention and litter	Public Health and Safety	Corp Plan 3.5.3 Community and stakeholder input
2.3.4 Promote the benefits of Council's efforts to protect water quality, and improve quality of water discharged to Gulf St Vincent	Water Assets Marketing and Communications	Corp Plan 3.5.2 Community and stakeholder input
2.3.5 Work with developers to reduce impacts of construction activities on nearby residents and the environment	Public Health and Safety	Corp Plan 3.5.4 Community and stakeholder input
2.3.6 Educate the community to pick up after their dogs in public spaces	Public Health and Safety	Corp Plan 3.5.3 Community and stakeholder input

<b>By 2017:</b>	<b>Key Responsibility</b>	<b>Source</b>
2.3.7 Work with the State Government and other Councils to better communicate water quality issues within coastal areas	Environmental Health	Corp Plan 3.5.3, 5.6.2 Community and stakeholder input

<b>By 2020:</b>	<b>Key Responsibility</b>	<b>Source</b>
2.3.8 Seek to partner with State agencies and research institutions to better understand, communicate about and develop solutions to soil and groundwater contamination	Open Space and Recreation	Community and stakeholder input

**KPIs:** Implementation of Contaminated Site Policy by Council

Number of cautions/expiations issued for littering and pollution offences

## Our People and Communities

The City of Charles Sturt is a city where people come first.

Our community is comprised of 108,000 residents from over 100 different cultures. Approximately 37,000 people work within the Council area, mixing with countless visitors from other parts of Adelaide and beyond.

Local schools, sporting clubs, recreation groups and community volunteers create a social fabric that strengthens the community, improving our health, happiness and resilience.

Input from the Community Plan engagement and early discussions on this Living Green Plan confirm that our community is concerned about environmental issues, and strongly supports Council's role in environmental management. In addition, our community is seeking to take an active role themselves in creating a better environmental future, including through direct action in their own homes and workplaces and through their work as volunteers.

This theme focuses on these people and the way in which we all interact with our environment. From the moment we wake up in the morning, turn on the radio and the kettle, we interact with environmental services such as water and energy, public transport, walking and cycling infrastructure and the stormwater and other systems that keep our communities running smoothly.

The role of Council in supporting local environmental action is also addressed. This includes Council's role in supporting volunteers, listening to environmental views and perspectives, and advocating for other tiers of government to do the same. It also includes specific actions to help inspire and educate our residents on environmental issues of interest to them.

Council also has a capital program of improvements to the local road network, including the establishment and maintenance of bicycle and walking paths and bus stops. These activities contribute significantly to the promotion and safety of walking and cycling for residents.

Finally, this theme addresses the way in which Council reports and communicates its own environmental impacts and achievements. This is to ensure our actions are measured, managed, appropriately benchmarked and transparent to our community.

### 3.1 Active Transport

<b>We will continue to:</b>	<b>Key Responsibility</b>	<b>Source</b>
3.1.1 Provide and promote great walking and cycling destinations, and encourage walking and cycling for short journeys	Open Space and Recreation	Corp Plan 1.6.1, 2.6.6 Community and stakeholder input
3.1.2 Provide and improve safe cycling networks, and work with State agencies to do the same along arterial roads and the Outer Harbour Greenway	Engineering, Strategy and Assets	Corp Plan 1.6.1, 2.6.6, 2.6.4, 2.6.5, 2.6.6, 2.7.2 Community and stakeholder input
3.1.3 Expand and encourage the free 'City Bike' scheme, to promote cycling and local tourist destinations	Open Space and Recreation	Corp Plan 1.6.1, 2.6.3 Community and stakeholder input
3.1.4 Work with local schools to promote active transport options	OPAL	Corp Plan 1.6.1 Community and stakeholder input
3.1.5 Provide safe and accessible bicycle lock-up locations at transport hubs, including along the coast, at West Lakes, St Clair, Bowden and others	Open Space and Recreation	Corp Plan 1.6.1 Community and stakeholder input
3.1.6 Work with the State Government to encourage local employers to support active transport	Open Space and Recreation	Corp Plan 1.6.1 Community and stakeholder input

<b>By 2017:</b>	<b>Key Responsibility</b>	<b>Source</b>
3.1.7 Undertake a public transport gap analysis to highlight service needs and identify solutions	Engineering, Strategy and Assets	Community and stakeholder input
3.1.8 Promote the range of services to promote safe cycling, including courses for beginner cyclists and cycle maintenance	OPAL	Corp Plan 1.6.1, 2.9.2 Community and stakeholder input
3.1.9 Advocate for early investment for public transport improvements in the Strategic Infrastructure Plan for South Australia including electrification of the Outer Harbour and Grange railway lines, extension of light rail (tram) services into the western suburbs and upgraded railway stations	Engineering, Strategy and Assets	Corp Plan 2.6.1, 5.6.2, 2.7.3 Community and stakeholder input

3.1.10 Promote active transport options to Council events and venues	Public Health and Safety	Corp Plan 1.6.1 Community and stakeholder input
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By 2020:	Key Responsibility	Source
3.1.11 Provide kerbside spaces for car-sharing in response to community demand, focusing on areas with low residential parking provision	Public Health and Safety	Corp Plan 2.6.1, 4.1.2 Community and stakeholder input

**KPIs:** Number of free bike loans per quarter

Journeys by public transport (where available from DPTI)

Number of cyclists measured at strategic locations across the City of Charles Sturt

Number of people walking measured at strategic locations across the City of Charles Sturt

Length of new paths (includes footpaths, shared use paths and cycle ways) constructed each year

## 3.2 Adapting to Climate Change

<b>We will continue to:</b>	<b>Key Responsibility</b>	<b>Source</b>
3.2.1 Develop a regional Climate Change Adaptation Plan for the Western Adelaide region, in partnership with neighbouring Councils, State and Federal agencies, and the community	Waste + Sustainability	Corp Plan 3.5.1, 3.6.2, 5.6.2, 3.5.5
3.2.2 Work collaboratively with relevant service providers to identify and reduce health impacts of climate change on vulnerable members of the community	Community Services	Corp Plan 3.6.2 Community and stakeholder input
3.2.3 Form partnerships with other relevant spheres of government, the private sector and our community to ensure a coordinated and seamless response to climate change	Waste + Sustainability	Corp Plan 3.5.1, 3.6.1, 3.6.2, 3.6.3 Community and stakeholder input
3.2.4 Highlight climate change impacts on community and environmental health issues across Council's strategic plans	Public Health and Safety	Corp Plan 3.6.1

<b>By 2017:</b>	<b>Key Responsibility</b>	<b>Source</b>
3.2.5 Undertake a program of community education about the impacts of climate change in Western Adelaide, in partnership with neighbouring Councils	Waste + Sustainability	Corp Plan 3.5.2, 5.6.2 Community and stakeholder input
3.2.6 Develop a suite of trigger points for climate change action as a means to stage adaptive responses, to be implemented based on levels of climate change experienced over time	Waste + Sustainability	Community and stakeholder input

<b>By 2020:</b>	<b>Key Responsibility</b>	<b>Source</b>
3.2.7 Implement key recommendations from the regional Climate Change Adaptation Plan, in collaboration with neighbouring Councils and the State and Federal Governments		Corp Plan 3.5.2, 5.6.2

**KPIs:** Western Adelaide Regional Climate Change Adaptation Plan completed and endorsed by Council

### 3.3 Local Action

<b>We will continue to:</b>	<b>Key Responsibility</b>	<b>Source</b>
3.3.1 Advocate for environmental issues of importance to Council and its community, including energy efficient street lighting, waste and recycling services, public transport and development issues	Leadership Team Waste + Sustainability	Corp Plan 2.7.2, 2.7.3, 2.7.4 Community and stakeholder input
3.3.2 Develop strategies to involve volunteers in environmental promotions, including at Council events	Community Services	Corp Plan 1.5.1, 1.5.2, 3.1.1, 3.1.3 Community and stakeholder input
3.3.3 Support and encourage the work of volunteers in caring for biodiversity areas	Open Space and Recreation	Corp Plan 1.5.1, 3.1.1, 3.1.3 Community and stakeholder input
3.3.4 Support communities to promote, run and participate in fruit and vegetable swaps, and support the OPAL School Gardens program	Community Services	Corp Plan 3.3.3, 3.7.1, 3.7.3 Community and stakeholder input
3.3.5 Encourage the use of native plants and trees in private gardens	Open Space and Recreation	Corp Plan 3.3.3 Community and stakeholder input
3.3.6 Make use of new technologies to assist our customers and community to report environmental infringements	Information Services	Community and stakeholder input

<b>By 2017:</b>	<b>Key Responsibility</b>	<b>Source</b>
3.3.7 Develop a program of environmental education topics and activities, to inform and inspire community action	Waste + Sustainability	Corp Plan 3.1.1, 3.1.3, 3.3.3 Community and stakeholder input
3.3.8 Provide information to support the community to effectively advocate on environmental issues of importance to them, for example public transport and development issues.	Community Engagement	Community and stakeholder input
3.3.9 Develop a Food Security policy and strategy project	OPAL	Corp Plan KPI (p40)

<b>By 2020:</b>	<b>Key Responsibility</b>	<b>Source</b>
3.3.9 Identify the benefits of live metering as a	Waste + Sustainability	Community and

tool to help households manage their environmental impacts and bills	Information Services	stakeholder input
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**KPIs:** Number of schools participating in dune planting days

Number of community gardens within the City of Charles Sturt

Number of schools assisted through the Opal School Gardens program

Draft for consultation



### 3.4 Community Education

<b>We will continue to:</b>	<b>Key Responsibility</b>	<b>Source</b>
3.4.1 Find new and engaging ways to educate our community about environmental issues	Marketing and Communications	Corp Plan 5.1.1 Community and stakeholder input
3.4.2 Harness the power of community events and public art to inspire environmental values and action	Community Services Waste + Sustainability	Community and stakeholder input

<b>By 2017:</b>	<b>Key Responsibility</b>	<b>Source</b>
3.4.3 Develop environmental messages that are appropriate to people of all cultures	Community Services	Community and stakeholder input
3.4.4 Trial the delivery of a 'Green Buildings Advisory Service' to support environmental decision making by the community and developers, and reduce reliance on air conditioning	Waste + Sustainability	Community and stakeholder input
3.4.5 Prepare an environmental education strategy to prioritise key messages, challenge traditional forms of delivery and identify potential for sponsorship	Waste + Sustainability	Community and stakeholder input
3.4.6 Work with the Youth Advisory Committee to involve young people in environmental issues	Community Services	Corp Plan 1.8.3, 1.8.4 Community and stakeholder input
3.4.7 Host a series of environmental speakers on topical issues of interest to the community	Community Services Library Services	Corp Plan 1.1.1, 1.1.2 Community and stakeholder input
3.4.8 Work with community groups and developers to promote financial and other user benefits of green buildings	Waste + Sustainability	Community and stakeholder input

<b>By 2020:</b>	<b>Key Responsibility</b>	<b>Source</b>
3.4.9 Host a 'Thinker in Residence' or similar program to inspire and create new environmental opportunities for Council and its community	Waste + Sustainability	Community and stakeholder input

**KPIs:** Number of developers provided advice through the 'Green Buildings Advisory Service'

### 3.5 Supporting Local Economies

By 2017:	Key Responsibility	Source
3.5.2 Investigate and promote local loyalty programs to encourage community use and support of local shops	Urban Projects	Community and stakeholder input
3.5.1 Investigate opportunities to promote and recognise local businesses with an environmental or sustainability focus	Waste + Sustainability	Corp Plan 4.1.2 Community and stakeholder input

By 2020:	Key Responsibility	Source
As above		

**KPIs:** Number of green businesses participating in recognition and loyalty initiatives

### 3.6 Reporting and communication

<b>We will continue to:</b>	<b>Key Responsibility</b>	<b>Source</b>
3.6.1 Collate internal data on Council's energy, water and fuel use	Finance	Corp Plan 3.6.4

<b>By 2017:</b>	<b>Key Responsibility</b>	<b>Source</b>
3.6.2 Maintain and report on an agreed suite of environmental indicators, including use of energy, water, fuel and paper use, and report these annually to our community	Finance	Corp Plan 5.4.2 Community and stakeholder input
3.6.3 Report Council's environmental performance regularly to Elected Members, residents and staff	Finance	Corp Plan 3.6.4 Community and stakeholder input
3.6.4 Investigate options to benchmark Council's environmental performance against a recognised international standard, such as the Global Reporting Initiative	Waste + Sustainability	Community and stakeholder input
3.6.5 Develop Council's GIS systems to monitor environmental activities and map change over time (including contaminated sites, biodiversity sites, illegal dumping hot spots, infrared images)	Information Services	Corp Plan 5.1.1 Community and stakeholder input

<b>By 2020:</b>	<b>Key Responsibility</b>	<b>Source</b>
3.6.5 Implement changes to Council's environmental reporting framework to allow benchmarking and live tracking against a recognised international standard	Waste + Sustainability Finance Information Services	Community and stakeholder input

**KPIs:** System in place to track and report annual energy, water, fuel and paper use by Council

Appropriate international standard selected by Council as a basis of environmental monitoring

## Have your say on this draft plan

This draft plan is being circulated for community input.

Your feedback is very important and will help us to ensure the plan meets the needs of our community and stakeholders, before it is finalised and adopted by Council.

Have your say by 5pm, Tuesday 29 July 2014:

**In person:** at our information display and coffee lounge, which will be held from 6pm to 7:30pm on Wednesday 9 July, in the foyer just outside the Woodville Library, 72 Woodville Road, Woodville

**Online:** at [www.yoursaycharlessturt.com.au](http://www.yoursaycharlessturt.com.au)

**By email:** to [council@charlessturt.sa.gov.au](mailto:council@charlessturt.sa.gov.au)

**By phone:** on 8408 1111

Draft for consultation