

Carbon Neutral Adelaide Action Plan 2016-2021

Final Report



Introduction

The City of Adelaide and the Government of South Australia (the state government) have been working together to deliver the *Carbon Neutral Adelaide Action Plan 2016–2021* (CNA Action Plan).

The CNA Action Plan includes 104 actions that are led by the City of Adelaide and the state government and delivered in partnership with business and the community. The actions support outcomes under two overarching themes — partnerships and governance — and via the following five pathways towards carbon neutrality:

- Energy efficient built form
- Zero emissions transport
- Towards 100% renewable energy
- Reduce emissions from waste and water
- Offset carbon emissions.

This report presents progress in delivery of the CNA Action Plan between November 2016 and its completion in December 2021.



Summary of progress

Of the 104 actions in the CNA Action Plan, 98 (approximately 94%) are completed, will continue to be delivered as standard practice by state government agencies and the City of Adelaide, or have been superseded by other initiatives that will achieve similar outcomes.

Only six actions will not be delivered, as they are either no longer considered feasible or are not progressing due to changes in priorities.

A breakdown of progress of actions under each pathway and theme is provided in Table 1.

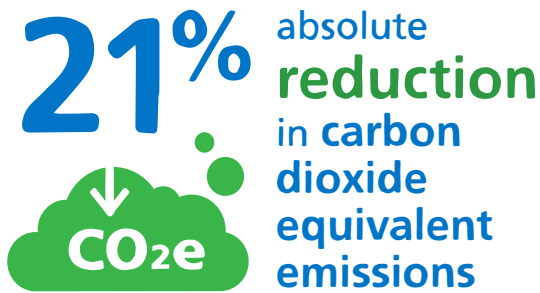
The full list of actions under the CNA initiative and their status in December 2021 is included as Appendix A.

Table 1: Progress of actions under the CNA Action Plan (December 2021)

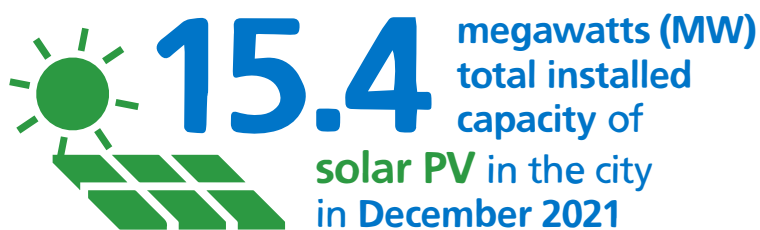
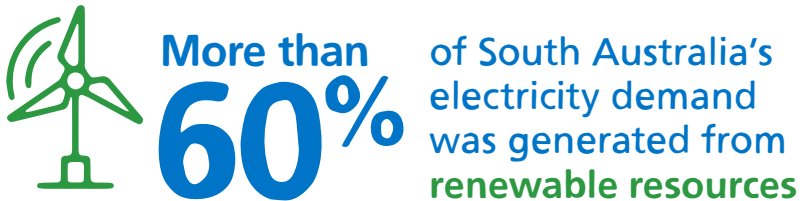
Progress of Actions	Carbon Neutral Adelaide pathways/themes							
	Total	Energy efficient built form	Zero emissions transport	Towards 100% renewable energy	Waste and water	Offset carbon emissions	Partnerships	Governance
Completed	48	10	17	5	6	1	6	3
Ongoing	27	8	6	3	5	2	1	2
In progress	7	2	3	0	2	0	0	0
Superseded	16	3	4	1	1	3	1	3
Will not be completed	6	2	2	0	2	0	0	0
Total	104	25	32	9	16	6	8	8

Carbon Neutral Adelaide 2021 HIGHLIGHTS SUMMARY

Between 2006-07 and 2019-20



RENEWABLE ENERGY



PARTNERSHIPS



Carbon Neutral Adelaide

key achievements

Energy efficient built form

- The Sustainability Incentives Scheme leveraged over \$11 million investment in sustainable technology for households and businesses by providing over \$1.4 million in rebates for 663 projects.
- Energy efficiency measures in ten City of Adelaide buildings with high energy consumption have resulted in over \$500,000 savings per year over the last decade.
- South Australian Building Upgrade Finance legislation was introduced in late 2017 to help commercial property owners access finance to upgrade their buildings.

Zero emissions transport

- A public network of 40 fast chargers for electric vehicles was installed in the city. The amount of electricity delivered to vehicles via public charging stations has approximately doubled each year from 2018–19 to 2020–21.
- Twelve electric vehicle charging stations were installed by businesses and homes with support through rebates from the City of Adelaide.
- Low emission vehicles comprised almost 57% of the state government fleet and 24% of the City of Adelaide fleet in 2021.
- In 2021, the state government announced a subsidy of \$3,000 for 7,000 eligible electric vehicles and a three-year registration exemption for eligible electric vehicles registered between 28 October 2021 and 30 June 2025.

Towards 100% renewable energy

- 130 solar photovoltaic (PV) systems were installed on Housing Trust properties in the Adelaide CBD by the state government and 40 solar PV systems were installed on low income and rental properties via the City of Adelaide's Solar Savers scheme.
- Solar power generated by PV systems on City of Adelaide buildings provides around 10% of council administration's total electricity requirement, saving more than \$260,000 and avoiding 780 tonnes of greenhouse gas emissions in 2020–21.
- A statewide Virtual Power Plant was established, providing solar PV systems and batteries to 1,100 Housing Trust homes in Phases 1 and 2. Phase 3 has commenced, with a target of a further 3,000 systems.
- The Hornsdale Power Reserve grid-scale battery was completed, with 100 megawatts (MW) installed in 2017 and an additional 50 MW installed in 2020.
- SA Water has installed almost 370,000 solar PV panels across 33 of their sites. These panels generate 242 gigawatt hours (GWh) of solar energy – equivalent to the power needs of 50,000 average South Australian homes.
- In July 2020 the City of Adelaide commenced a 100% renewable energy power purchase agreement to power all of its facilities, buildings, streetlights and Park Lands infrastructure, which delivered a 52% reduction in its carbon footprint in 2020–21.

Reduce emissions from waste and water

- The *Single-use and Other Plastic Products (Waste Avoidance) Act 2020* came into operation in 2021, prohibiting the sale, supply and distribution of certain single-use plastic products. Single-use plastic straws, cutlery and stirrers were banned in South Australia from 1 March 2021 as a first step to minimising waste from single-use plastics.
- Circular360, the Global Centre of Excellence in Circular Economy, was launched in Adelaide in 2021 to demonstrate the state's leadership in, and to incubate innovative projects to deliver, a greener and more circular economy.
- South Australia's food waste strategy *Valuing our Food Waste* was released in 2021 to address the generation of food waste and divert material away from landfill and return nutrients to the soil. Its actions support the implementation of *South Australia's Waste Strategy 2020-2025*.
- In 2021 the City of Adelaide commenced implementation of the *Resource Recovery (Organics, Recycling and Waste) Strategy and Action Plan 2020-2028*. This includes delivery of a comprehensive education and support program aimed at increasing recycling and diversion of food scraps and green organics from landfill.
- The contribution of recycled water to Adelaide Park Lands irrigation increased by 11% between 2015-16 and 2019-20, resulting in more than 80% (on average) of irrigation water being supplied from recycled wastewater during this time.



Offset carbon emissions

- The City of Adelaide achieved Climate Active carbon neutral certification for its operations for 2019–20 and 2020–21 and is committed to maintaining this certification status.
- A \$1.2 million partnership was established between The Nature Conservancy, state government and COMON Foundation to progress blue carbon projects to restore coastal environments and sequester carbon.
- Carbon offset projects progressed by the state government include the South Australia Ediacaran Landscape Regeneration Project and Glenthorne Farm rehabilitation.

CNA Partner Program

A core element of the CNA initiative has been the CNA Partner Program.

By the end of 2021, the CNA Partner Program comprised over 200 Partners, representing a broad range of businesses involved in supporting carbon neutrality.

The Partners are an active community that spans several sectors. Program activities have helped to mainstream low carbon approaches, share knowledge, and connect solution providers to their marketplace.

The CNA Partner Program has profiled leading practice and high achievements through three awards ceremonies and a range of seminars, webinars, site tours and case studies. Fifteen Partners have achieved certified carbon neutrality through an Australian or international scheme.



Progress on emissions reduction

South Australia's net greenhouse gas emissions have reduced by 33% between 2004–05 and 2018–19. Renewable energy generation has made a substantial contribution to this reduction, with over 60% of the state's electricity generation now coming from renewables.

Emissions from the city have also been decreasing, while the city's population and economy have been growing.

Between 2006–07 and 2019–20, the city's residential population grew by 41%, gross regional product increased by 45%, yet the city's overall greenhouse gas emissions decreased by 21% (Figure 1).

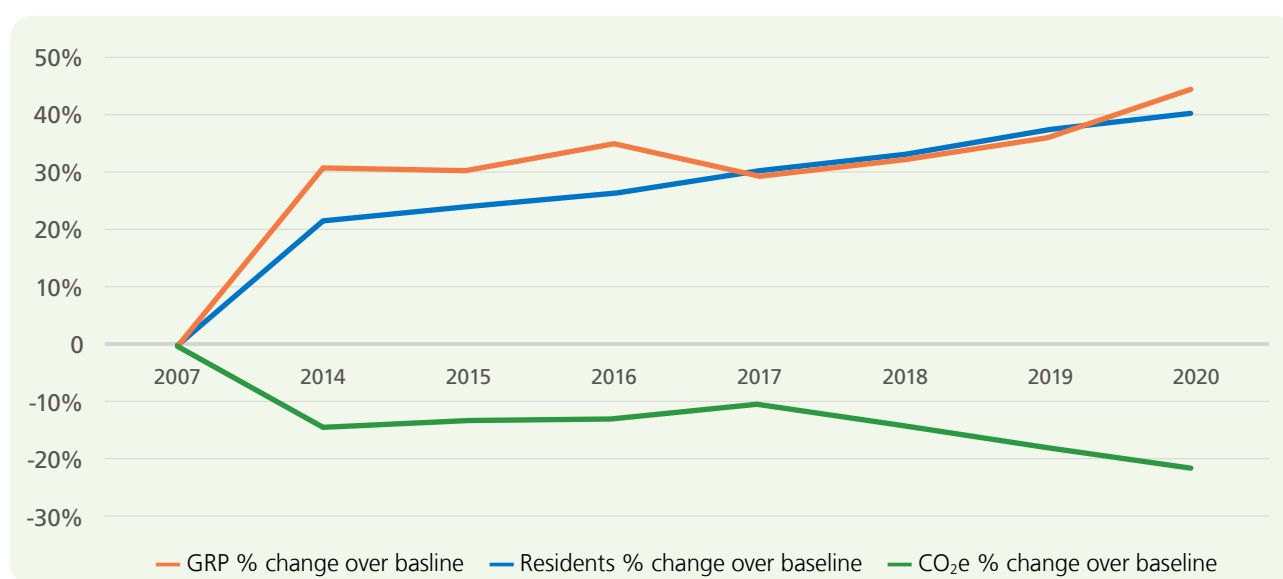


Figure 1: Trends (% change relative to baselines) in community emissions (CO₂e), gross regional product (GRP), and resident population in the City of Adelaide. Source: City of Adelaide, www.cityofadelaide.com.au/about-adelaide/our-sustainable-city/tracking-city-carbon-emissions/

Table 2 provides further details of the greenhouse gas emissions trends within the City of Adelaide boundary. The state's shift to renewable electricity has had a major impact on the city's emissions footprint, contributing a significant reduction in community emissions over the period. During this period, emissions from private vehicle use and waste have increased, generally in parallel with population growth. Figures 2 and 3 demonstrate the make-up of the city's community emissions and trends.

Table 2: Community greenhouse gas emissions (tonnes of carbon dioxide equivalent [tCO₂e]) from within the City of Adelaide boundary in different financial years (FY).

	FY2007	FY2019	FY2020	% change from FY2007 to FY 2020
Stationary energy	827,898	477,214	436,664	-47%
Transport	255,721	361,803	349,049	36%
Waste	60,415	81,544	87,026	44%
Product use (refrigerants)	108,880	112,764	113,421	4%
TOTAL	1,252,913	1,033,325	986,160	-21%

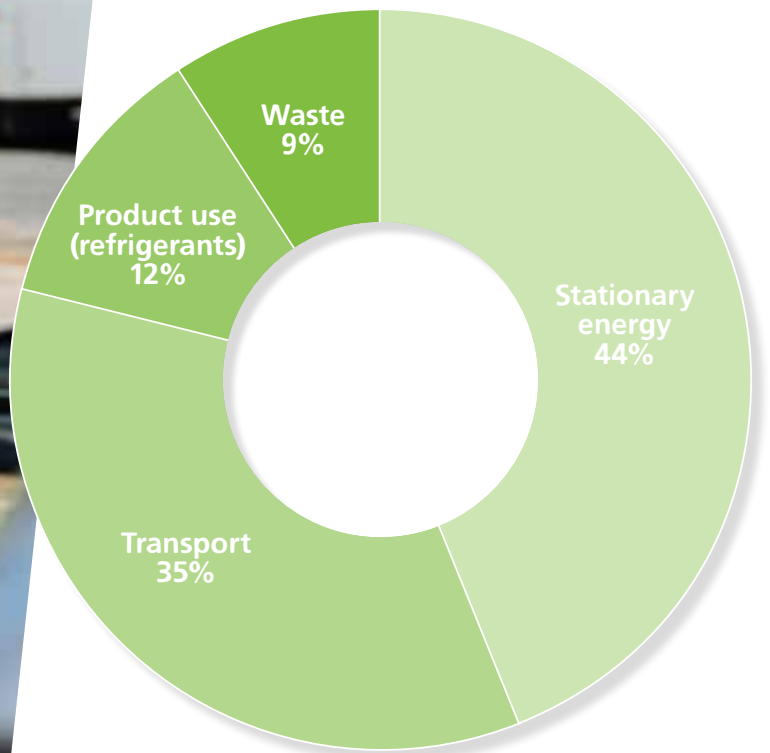


Figure 2: City of Adelaide community emissions by type (FY 2020)

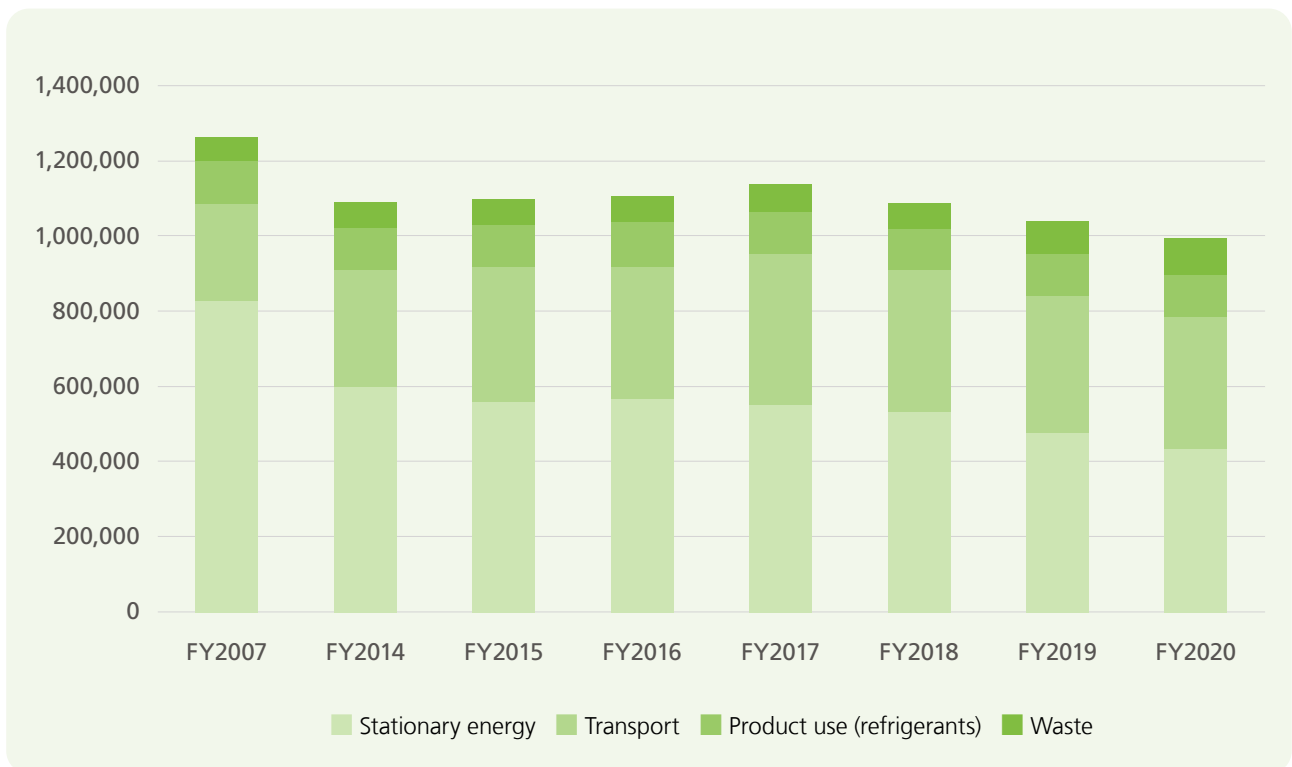


Figure 3: City of Adelaide community greenhouse gas emissions trends by type between FY 2007 and FY 2020.

Next Steps

The CNA initiative has been successful in raising awareness and delivering emissions reduction both within the footprint of the City of Adelaide and broadly across the state.

The actions undertaken have fostered innovation, created benefits for the community, enabled peer learning and showcased South Australia's leadership in climate change action.

The state government is delivering a wide range of initiatives to build a strong, climate resilient economy and further reduce greenhouse gas emissions.

In 2022, the City of Adelaide embarked on an engagement process to inform a new climate action plan for the delivery of its *Carbon Neutral Strategy 2015–2025*.

The state government and the City of Adelaide will continue to collaborate on delivering emissions reduction projects, including engagement with business and the community, to successfully transition South Australia to a low emissions future.



Appendix: Action Plan Status Report

Pathway 1: Energy Efficient Built Form

Action		Status
1.1.1	Implement the Building Upgrade Finance mechanism in South Australia by early 2017.	Completed
1.1.2	Support the adaptive reuse of under-utilised and heritage listed buildings.	Ongoing
1.2.1	Reduce cost barriers to improving energy efficiency by continuing to provide energy efficiency incentives through the Sustainability Incentives Scheme and the Retailer Energy Efficiency Scheme (REES).	Ongoing
1.2.2	Investigate an incentives program linked to NABERS rating improvements for mid-tier office buildings (PCA Class B, C and D rated).	Completed
1.2.3	Continue to support office based businesses through joint delivery of the CitySwitch Green Office Program.	Completed
1.2.4	Foster design leadership in energy efficiency, reduced embodied energy and increase renewable energy systems in new developments.	Ongoing
1.2.5	Support and encourage tenants in Government and Council owned buildings to undertake energy efficiency upgrades and install renewable energy systems.	Ongoing
1.2.6	Facilitate and case manage decentralised energy generation within significant development sites.	Ongoing
1.3.1	Support progressively lowering the Commercial Building Disclosure threshold and advocate for extension to the residential sector by 2020.	Completed
1.3.2	Pilot the provision of incentives for voluntary disclosure of residential energy efficiency at point of sale or lease for new apartments by the end of 2018.	Will not be completed
1.3.3	Lead the National Energy Efficient Buildings Project (NEEBP) and implement findings that improve the capacity of regulators and industry to deliver energy efficient buildings.	Completed
1.3.4	Investigate the level of energy efficiency compliance in developments and effective measures to secure compliance, including: <ul style="list-style-type: none"> • increasing routine building construction and planning inspections for thermal performance, energy efficiency and sustainability; • e-passports for buildings; and • disclosure of energy efficiency at point of sale or lease. 	Ongoing
1.3.5	Support investigations into improvements to the energy efficiency provisions of the National Construction Code, by completing a cost benefit analysis on raising performance requirements for Class 2 buildings, to enable progressively and substantially increasing the minimum standards required of residential and commercial buildings in 2019.	Completed
1.3.6	Review prescribed machinery, plant and equipment in the <i>Valuation of Land Regulations 2005</i> to support investment in energy efficiency and sustainability upgrades.	Will not be completed

Action		Status
1.3.7	Facilitate an energy hierarchy in the built form, including through the Planning, Development and Infrastructure Act implementation, as follows: <ul style="list-style-type: none"> • Low carbon design and construction measures • Passive design • Supplying energy efficiently, in particular by encouraging decentralised energy generation and embedded networks • Large scale renewable energy 	Completed
1.4.1	Deliver the City Laneways Masterplan to identify priority streets and guide future development of the laneways between the Adelaide Railway Station and the Adelaide Central Market	In progress
1.4.2	By the end of 2017, develop a 'Green City Plan' that will increase city greening through trees, gardens, plantings, green walls and green or cool roofs.	Completed
1.5.1	Strengthen the SA Government's Buildings Energy Strategy 2013-2020 to reflect the Carbon Neutral Adelaide ambitions.	Superseded
1.5.2	Complete benchmark energy ratings (NABERS or alternative) for all Government and Council owned or occupied office buildings and tenancies.	Completed
1.5.3	Undertake energy efficiency upgrade opportunities under the Government Building Energy Efficiency Investment program in all Government and Council owned or occupied buildings and implement projects with simple paybacks of seven years or less.	Superseded
1.5.4	Increase building standards to a minimum 5 Star Green Star interiors and performance rating for new builds and substantial refurbishments.	Superseded
1.5.5	Strengthen leasing policies to include consideration of leading industry standards such as Green Star Office Interiors; NABERS Office Water and Waste and emerging carbon neutral standards.	Ongoing
1.5.6	Partner with industry to promote and showcase the advantages of high performance buildings.	Ongoing
1.5.7	Upgrade all Council owned public street and footpath lights to high efficiency LED and controls by 2020.	In progress
1.5.8	Showcase the New Adelaide High School Campus by achieving a 5 Star Green Star Rating or above.	Completed

Pathway 2: Zero Emissions Transport

Action	Status
<p>2.1.1 Implement a City of Adelaide Net Zero Emissions Transport Plan 2017-2025 that includes:</p> <ul style="list-style-type: none"> • maximising biodiesel as a transition fuel for existing public transport vehicles • evaluation of electric and Euro 6 buses • expansion of the Free City Connector Bus service to include a second route for the New Royal Adelaide Hospital by 2018 • utilising 100% renewable energy for the tram and train networks • phasing out the purchase of conventional fossil fuel buses by no later than 2025. 	Will not be completed
2.1.2 Evaluate electric buses and potential on-route charging infrastructure for the Adelaide Metro bus fleet, with the aim of establishing a 100% electric Free City Connector Bus service by 2020, and an all-electric 'Go Zone' route by 2025.	Superseded
2.1.3 Commence the upgrade and electrification of the Gawler train line in 2017-18.	Completed
2.1.4 Deliver Stage 1 of the AdeLINK network along North Terrace to the East End by 2018 and completion of two suburban links by 2020.	Completed
2.1.5 Complete a study on the electrification of public transport in Adelaide including AdeLINK.	Ongoing
2.2.1 Complete the O-Bahn City Access Project by the end of 2017.	Completed
2.2.2 Upgrade Grenfell Street and Currie Street to Light Square as a transit pedestrian precinct with enhanced facilities for public transport patrons by 2020.	Superseded
2.2.3 Review the Adelaide Metro bus system to determine opportunities for establishing a strategically aligned, integrated and connected network.	Completed
2.3.1 Review and update the <i>Low Emissions Vehicle Strategy</i> to place a greater emphasis upon electric vehicle initiatives and other emerging technologies such as hydrogen fuel cell vehicles.	Superseded
2.3.2 Investigate incentives for increasing the purchase of electric vehicles and installing public recharging infrastructure.	Completed
2.3.3 Investigate an electric vehicle bulk purchase scheme for the South Australian community by the end of 2018.	Will not be completed
<p>2.3.4 Through the Australian Government's Ministerial Forum on Vehicle Emissions, advocate for:</p> <ul style="list-style-type: none"> • introduction of Fleet Average Fuel Efficiency Standards that include additional incentives for electric and other zero emission vehicles • removal of Federal taxation measures that disproportionately impact on electric vehicles • alignment of the vehicle purchasing policies of state and local governments to improve the business case for auto manufacturers to bring new electric and zero emissions vehicles to Australia. 	Superseded
2.3.5 By the end of 2017, determine the feasible number of on-street parking bays that will provide recharging services by 2020 and then 2025.	Completed
2.3.6 Install on-street electric vehicle and electric bicycle recharging points and pilot an Internal Combustion Engine (ICE) to Electric Vehicle (EV) Parking Space Management System at the Adelaide Central Market UPark.	Completed
2.3.7 Provide incentives for the installation of electric vehicle and electric bicycle charging infrastructure, including in public car parks and connecting to regional networks such as the Adelaide to Kangaroo Island electric highway.	Completed
2.3.8 Encourage 100% renewable energy for all electric vehicle recharging.	Completed

Action		Status
2.3.9	Provide on-street fast recharging infrastructure to facilitate the transition of the taxi, chauffeured vehicle and car share industries to electric vehicles.	Completed
2.4.1	Continue to host the World Solar Challenge and Celebrate the 30th anniversary of the World Solar Challenge in 2017.	Ongoing
2.5.1	Provide operational certainty for commercial car share companies and promote the benefits of services to residents, businesses and visitors and encourage electric vehicles as share cars.	Completed
2.5.2	Increase the supply of public car share vehicles, by enabling and promoting staff use of commercial car share services for Council and Government business purposes.	Ongoing
2.6.1	Influence personal transport choices through programs such as: <ul style="list-style-type: none"> • TravelSmart households • Smarter travel@ work • Way to Go primary schools program; and • Car Pool South Australia. 	Ongoing
2.7.1	Through Operation Moving Traffic optimise traffic flows to improve transit times and more consistent travel flows to and from the city.	Completed
2.8.1	Establish a cycling infrastructure fund and develop a comprehensive and integrated network of bicycle ways that connect Adelaide, North Adelaide and surrounding suburbs to provide safe and convenient access to workplaces, services, shops, leisure activities and bus, train and tram services.	In progress
2.8.2	Implement a point to point Adelaide Bicycle Share Scheme.	Completed
2.8.3	Provide secure bicycle facilities at more suburban train stations.	In progress
2.9.1	Facilitate a shift to sustainable transport modes and reduced private car ownership, including through the Planning, Development and Infrastructure Act implementation, as follows: <ul style="list-style-type: none"> • encourage design innovation for electric and autonomous vehicle technology • reduced onsite parking requirements where alternatives such as car share and cycling are available • application of end of trip facilities and bicycle parking standards in new developments • designing for comfortable pedestrian environments • convenient placement of stairs and bicycle storage areas within buildings. 	Completed
2.10.1	Transition to zero and low carbon vehicles and fuels including 30% of the Government and Council passenger fleet to be electric, hybrid, and low emission vehicles by 2018.	In progress (Completed for SA Government)
2.10.2	Implement a procurement plan for all Council vehicles to be low or zero emissions by 2025.	Completed
2.10.3	Investigate electric heavy vehicle trials for the city in conjunction with key industry partners.	Completed
2.10.4	Transform business trip transport choices through participation in engagement programmes that prioritise walking, cycling, public transport and commercial car share over regular pool vehicle usage.	Ongoing
2.10.5	Provide staff with convenient access to pool bicycles and Adelaide Metrocards for all business trips.	Completed
2.10.6	Minimise emissions from transport through greater use of technologies including video conferencing.	Ongoing

Pathway 3: Towards 100% Renewable Energy

Action		Status
3.1.1	Implement the Low Carbon Investment Plan and associated initiatives to increase investment in renewable energy production in South Australia to \$10 Billion by 2025.	Superseded
3.1.2	Advocate for the establishment of a supportive national framework for renewable energy generation, electricity network upgrades, demand tariffs and energy market rule changes by 2020.	Ongoing
3.1.3	Undertake a study to review the feasibility of an additional interconnector to export renewable energy to Eastern states and increase energy security in South Australia.	Completed
3.2.1	Provide incentives for the installation of renewable energy and energy storage systems in city buildings.	Ongoing
3.2.2	Deliver a renewable energy bulk purchase scheme, including consideration of community energy and virtual metering models by 2018.	Completed
3.2.3	Deliver programmes that enable access to solar PV systems and improved energy efficiency for low income and rental households, through the installation of up to 200 solar PV systems on Housing Trust properties in the city and at least 100 solar PV systems via the Solar Savers initiative.	Completed
3.2.4	Support and encourage large scale grid connected energy storage in South Australia.	Ongoing
3.3.1	Enter into direct power purchase agreements for the supply of low carbon and renewable electricity for use in Government and Council operations.	Completed
3.3.2	Use the battery storage installations at the Adelaide High School, State Library of South Australia and South Australian Art Gallery to monitor and verify the benefits and costs of energy storage technology and consider expansion to other government buildings.	Completed

Pathway 4: Reduce Emissions from Waste and Water

Action		Status
4.1.1	Build upon the leadership of major city events by adopting world leading recycling practices at all large and medium size events by the end of 2020.	Ongoing
4.1.2	Implement new and expanded business and residential organics and recycling collection and support services to increase recycling rates for Council collection services to at least 60% by 2020.	In progress
4.1.3	Incentivise the use of recycling rather than waste services, including investigating of individual and precinct level recycling rates.	Ongoing
4.1.4	Provide recycling rate information for multi-premise residential and business sites on the way to extending this service to individual premises by 2020.	In progress
4.1.5	Investigate procurement of precinct level waste and recycling services for business premises, to reduce heavy vehicle movements and improve the cost advantages of recycling services by June 2018.	Superseded
4.1.6	Implement a precinct level trial of reusable and compostable takeaway food and beverage containers by businesses and catering companies.	Completed
4.1.7	Investigate circular economy opportunities, including sharing and waste avoidance opportunities within the City of Adelaide and South Australia.	Completed
4.1.8	Investigate and support energy from waste technologies, where appropriate, for generating renewable energy including organic waste.	Completed
4.1.9	Secure at least one carbon neutral main street food precinct by 2020.	Will not be completed
4.1.10	Through the Planning, Development and Infrastructure Act implementation, codifying the <i>Better Practice Guide - Waste Management for Residential and Mixed Use Developments</i> to enhance the performance of waste and recycling systems in new developments by: <ul style="list-style-type: none">ensuring convenient access to and within bin storage areas for all users, with particular regard for persons with a disabilitymitigating potential access and fire egress obstructions caused by poorly designed waste management systemsensuring system design preferences recycling servicesdesigning for safe and convenient movement of trucks and bins by service contractors.	Completed
4.2.1	By December 2020 increase the efficient use of recycled water from the Glenelg to Adelaide Park Lands (GAP) water recycling scheme.	Completed
4.2.2	Capture methane and use it to power the wastewater treatment plants in metropolitan Adelaide.	Ongoing
4.3.1	Host the Seventh Regional 3R (Reduce, Re-use, Recycle) Asia Pacific Forum in November 2016 in Adelaide, supporting the organisation of the event with the Secretariat of the United Nations Centre for Regional Development (UNCRD).	Completed
4.3.2	Support and encourage application of the <i>Better Practice Guide - Waste Management for Residential and Mixed Use Developments</i> in new and existing developments.	Ongoing
4.3.3	Investigate waste generation volumes for commercial land use types and establish an enhanced methodology for calculating annual carbon emissions from solid waste by the end of 2017.	Will not be completed
4.4.1	Maximise recycling and minimise waste to landfill from Government and Council buildings, facilities and services.	Ongoing

Pathway 5: Offset Carbon Emissions

Action		Status
5.1.1	Work with our partners, to develop a carbon offsets guideline, approach and plan.	Superseded
5.1.2	Develop a State carbon sequestration strategy and identify bio-sequestration opportunities in South Australia.	Completed
5.1.3	Investigate South Australian and Australian abatement activities that could generate carbon offsets while delivering multiple benefits for local communities.	Ongoing
5.1.4	Implement a pilot program in which carbon offsets are purchased in a government and community partnership to learn more about the public value of carbon offsets and assist in the development of South Australian carbon offsets consistent with community wants.	Superseded
5.1.5	Provide incentives to city based partner organisations that secure National Carbon Offset Standard (NCOS) carbon neutral certification.	Ongoing
5.2.1	Develop a carbon offsets guideline, approach and implementation plan for Council and Government operations to achieve carbon neutral accreditation by 2020.	Superseded (Completed for City of Adelaide)

Governance

Action		Status
G.1.1	Maintain and expand the Carbon Neutral Adelaide Steering Group, comprising senior managers from council, government and partner organisations, to oversee implementation of the <i>Carbon Neutral Adelaide Action Plan</i> .	Superseded
G.1.2	Prepare an annual greenhouse gas emissions inventory for the City of Adelaide and Corporation of Adelaide and publicly disclose progress.	Ongoing
G.1.3	Publish an annual progress report on the Carbon Neutral Adelaide initiative.	Superseded
G.1.4	Maintain compliance with membership requirements of international agreements, reporting frameworks and partnerships including: <ul style="list-style-type: none"> • Compact of States and Regions • Global Covenant of Mayors for Climate and Energy • Under 2 MOU • Regions Adapt • The Climate Group • CDP (formerly Climate Disclosure Project) • Carbon Neutral Cities Alliance; and • Climate Neutral Now. 	Ongoing
G.1.5	Develop and maintain an interactive information platform for individuals and businesses to build their knowledge and understanding of their carbon footprint and actions that can be taken to reduce their carbon footprint.	Completed
G.1.6	Develop indicators to measure and report the City of Adelaide's transition to a low carbon economy.	Superseded
G.1.7	Partner with the education sector to develop and share knowledge on leading cities, businesses and individuals that are pursuing carbon neutrality and preparing for the impacts of climate change.	Completed
G.1.8	Partner with leading cities to improve data collection and modelling assumptions to continually improve the accuracy and integrity of community greenhouse inventories.	Completed

Partnerships

Action		Status
P.1.1	Actively support the community through the establishment of the Carbon Neutral Adelaide Partnerships initiative by early 2017.	Completed
P.1.2	Promote thought leadership, innovation and entrepreneurialism through delivery of the Adelaide to Zero Carbon Challenge.	Completed
P.1.3	Support investment and product innovation through the establishment of a Climate Knowledge Innovation Community (Climate KIC) initiative in Australia.	Completed
P.1.4	Implement sustainable behaviour change programmes to secure active participation in Carbon Neutral Adelaide initiatives including: <ul style="list-style-type: none">• Office based businesses• Residents• Schools and universities• Major and medium sized events.	Completed
P.1.5	Progress research and development into low carbon industries and lifestyles including <ul style="list-style-type: none">• the Cooperative Research Centre for Low Carbon Living• University research programs.	Completed
P.1.6	Participate in industry development, leadership and knowledge sharing networks including the States and Regions Alliance (Under2Coalition), Carbon Disclosure project (CDP), Carbon Neutral Cities Alliance, Climate Neutral Now, and the Sister City Programme.	Ongoing
P.1.7	Pilot a carbon neutral schools program in the City of Adelaide.	Completed
P.1.8	By the end of 2017, develop a ‘Low Carbon Economy Plan’ for the city that will aim to: <ul style="list-style-type: none">• maximise opportunities for business leadership and entrepreneurs• accelerate the decoupling of economic growth and carbon emissions• identify indicators to measure and report on the city’s transition to a low carbon economy.	Superseded

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For further information

If you would like any further information on Carbon Neutral Adelaide or the actions summarised in this report please contact:

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#carbonneutralADL



CITY OF
ADELAIDE



Government of
South Australia

