

The background of the cover is a photograph of a house's exterior. A brown door is the central focus, set against a grey stone wall. The door is surrounded by lush greenery, including climbing vines with some autumn-colored leaves (red and orange) and various shrubs and plants. A large, semi-transparent green triangle is overlaid on the left side of the image, containing the title and subtitle text.

Environmental Leadership

Climate Action Plan

Parklands, Policy and Sustainability
Lara Daddow and Andrea Bassett



CITY OF
ADELAIDE

Workshop Purpose

- To share community feedback on climate action; and
- Seek input from Council on emerging themes that will inform the Climate Action Plan for the next 3 years.

Community Feedback

- Engagement took place between 15 February to 18 April 2022 via YourSay and involved:
 - an ideas board
 - sector workshops
 - a youth forum
 - community survey.

Six key themes have emerged from the community engagement:

- Moving towards an all-electric city
- Resource efficiency opportunities
- Supporting community led action
- Supporting collaborative action by businesses
- Mobility and transport around the city
- Greening the city and reducing the heat island effect

Headline Achievements

Carbon Neutral Adelaide Partners

- Leadership group formed with over 200 partners.
- Awards hosted in 2017, 2019, and 2021 to showcase sector leadership towards a low carbon future.

Sustainability Incentives Scheme

- Leveraged \$1.4 million of rebates for than 660 projects with a total value of \$11 million resulting in abatement of over 4,000 tonnes of carbon.
- 40 solar PV systems on low income and rental properties installed through CoA's Solar Savers scheme.

Electric vehicles chargers were installed in the city

- 40 fast electric vehicle chargers

CoA operational emissions

- 100% renewable electricity since 1 July 2020.
- Certified carbon neutral through Climate Active for 2019-2020 and 2020-2021.
- Fleet has a total of 50 low emissions vehicles, including 10 new electric Hyundai Ioniq passenger cars, making up 26% of the Council fleet.



What are Council Members' views on our response to current targets?

What are Council Members' views on the 6 new climate action themes that have emerged from the community engagement?

- Moving towards an all-electric city
- Resource efficiency opportunities
- Supporting community-led action
- Supporting collaborative action by businesses
- Mobility and transport around the city
- Greening the city and reducing the heat island effect

Climate Action Plan Implications



Implication	Comment
Policy	The Climate Action Plan will support ongoing implementation of the <i>Carbon Neutral Strategy 2015-2025</i> . The Strategic Plan specifies the Council will “Implement the Carbon Neutral Strategy for the city and achieve carbon neutral certification for our operations”.
Consultation	The workshop provides a summary of the community engagement process and feedback received to inform the Climate Action Plan for the period 2022 - 2025.
Resource	Not as a result of this workshop.
Risk / Legal / Legislative	If action to mitigate climate change is not undertaken there is a risk the Council will not meet community expectations and the City will miss an opportunity for economic development associated with the low carbon and circular economy.
Opportunities	There is considerable opportunity for Council to take proactive action on climate change mitigation to support the community and business to be successful as the world transitions to a low carbon and circular economy.

Budget/Financial Implications



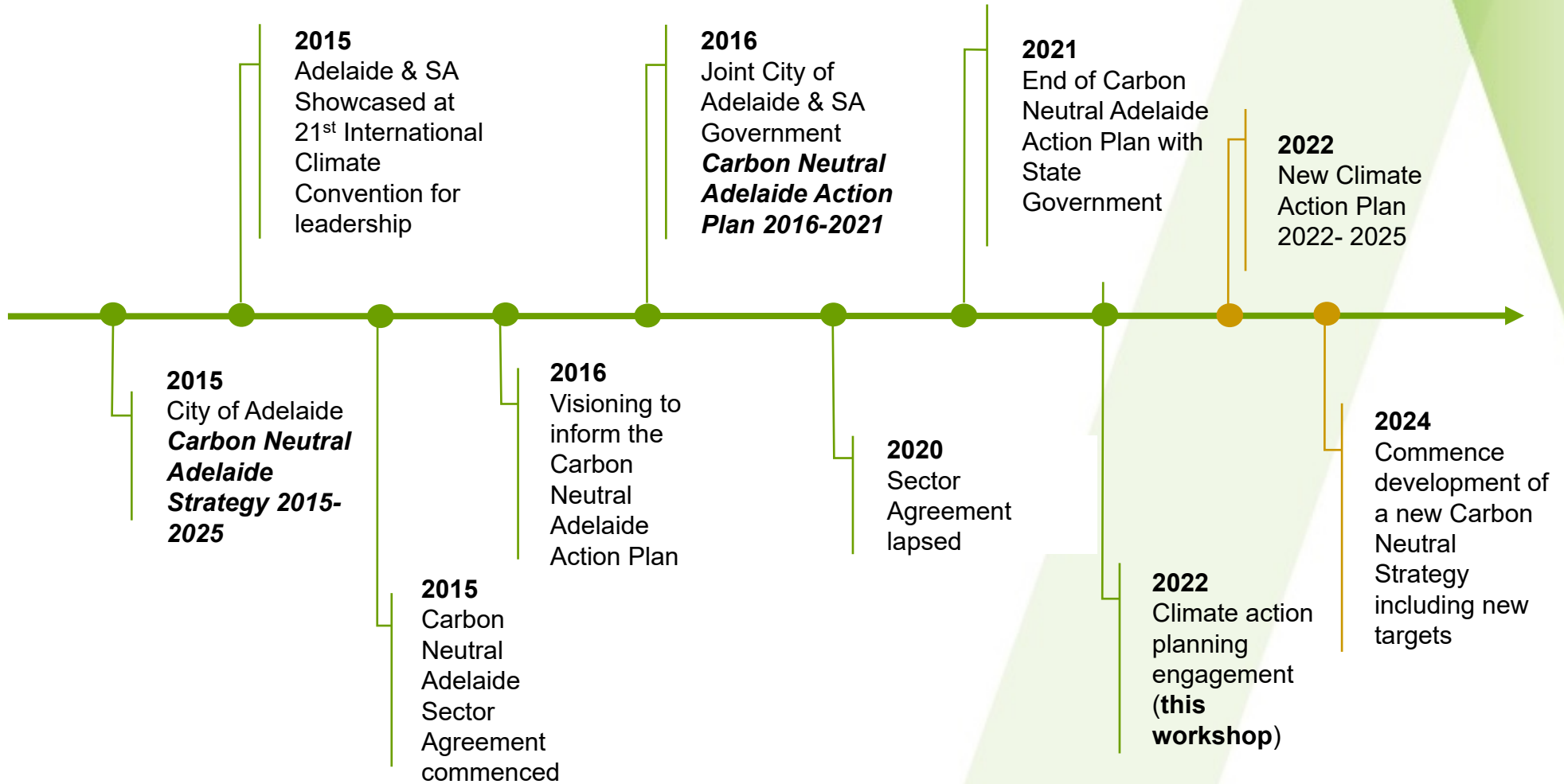
Implication	Comment
21/22 Budget Allocation	The climate action planning engagement was funded by the Climate Change Action Initiative Fund.
21/22 Budget Reconsideration (if applicable)	Not as a result of this workshop.
Proposed 22/23 Budget Allocation	Not as a result of this workshop.
Ongoing Costs (eg maintenance cost)	Not as a result of this workshop.
Other Funding Sources	Not as a result of this workshop.

Climate Action Plan

Background

- The City of Adelaide's *Carbon Neutral Strategy 2015 – 2025* (the Strategy) provides the policy direction for climate action which has been driven through the joint CoA and State Government *Carbon Neutral Adelaide Action Plan 2016-2021* (CNA Action Plan).
- On 14 September 2021 Council requested that the Administration:
 - 1) Provide an update on implementation of the CNA Action Plan and associated community emissions reduction programs before the end of 2021.
 - 2) Commence engagement with the community, business and key stakeholders to inform a new Climate Action Plan and prepare a draft plan for consideration by Council in March 2022.
- The CNA Action Plan finished in 2021.
- An update on the CNA Action Plan was provided to Council Members by E-news in December 2021.
- A progress report on the implementation of the Strategy is under development and will be provided to Council Members.

Carbon Neutral Strategy Timeline



Carbon Neutral Strategy Targets

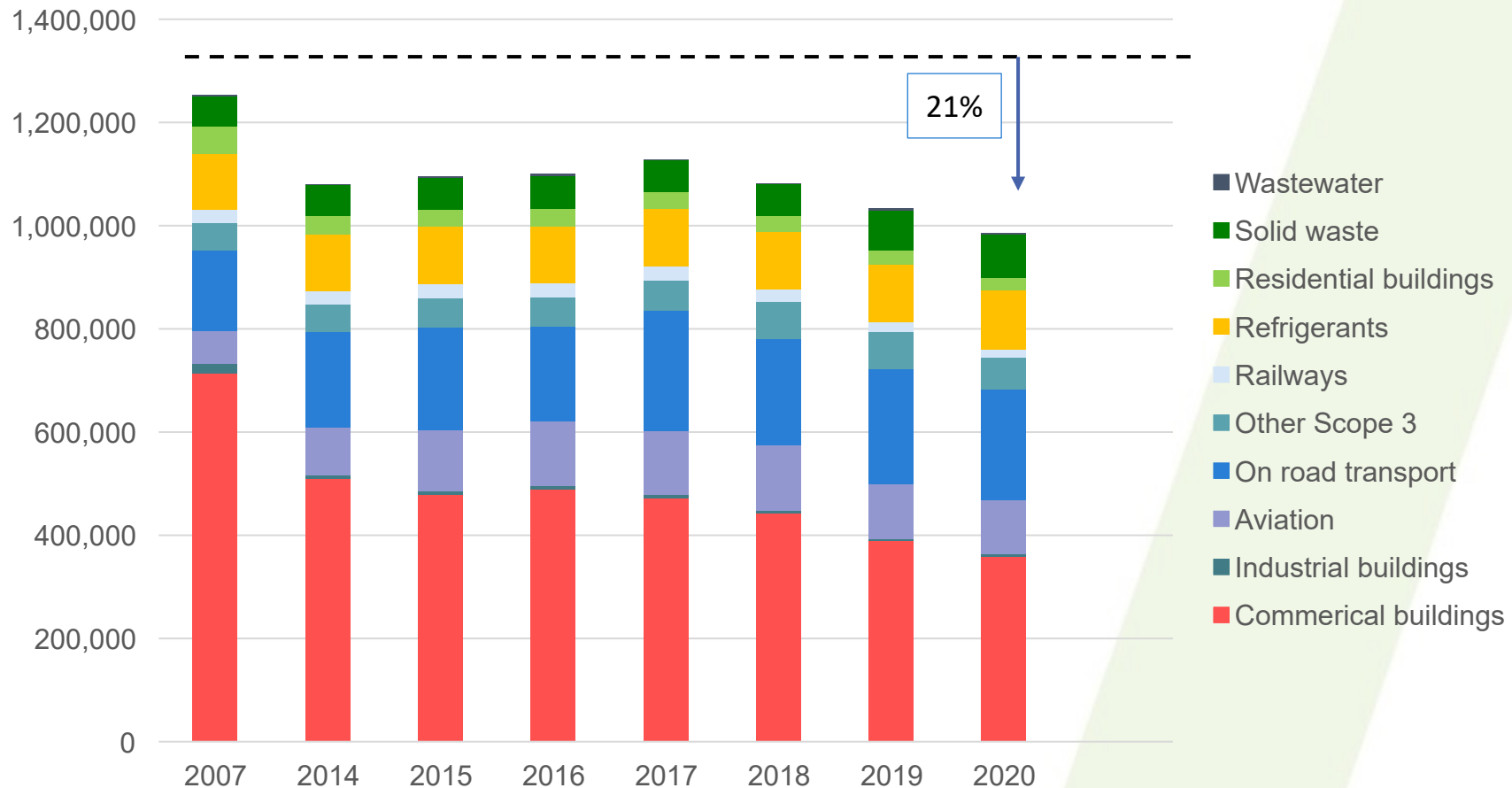
CoA Strategic Plan	Carbon Neutral Strategy Outcome	Carbon Neutral Strategy Target	2021 Status
<p>Community Outcome: One of the world’s first carbon neutral cities by 2025, where sustainability is core</p> <p>Key Action: Implement the Carbon Neutral Strategy for the city and achieve carbon neutral certification for our operations</p> <p>Measure: Community greenhouse gas emissions are lower</p>	<p>A carbon neutral city where economic growth and carbon emissions are decoupled</p>	<p>The community of the CoA has zero net carbon emissions by 2025</p>	<p>In FY20 community emissions were 986,160 tCO₂e compared with 1,252,913 tCO₂e in FY07</p> <p>Community emissions reduced by 21% from FY07-FY20</p>
		<p>The community of the CoA has reduced its carbon emissions by 35% from FY07-FY20</p>	
	<p>A carbon neutral Council that is effecting change in the community</p>	<p>CoA has zero net carbon emissions from its operations by 2020</p>	<p>CoA was certified carbon neutral in FY20 and FY21</p>
	<p>Leadership that embraces and shares great ideas and opportunities</p>	<p>Establish a Carbon Neutral Adelaide Partnership framework by 2016</p>	<p>Framework established</p>
		<p>1 million m² of city floorspace is committed to the framework by 2020</p>	<p>Not measured</p>

Achieved

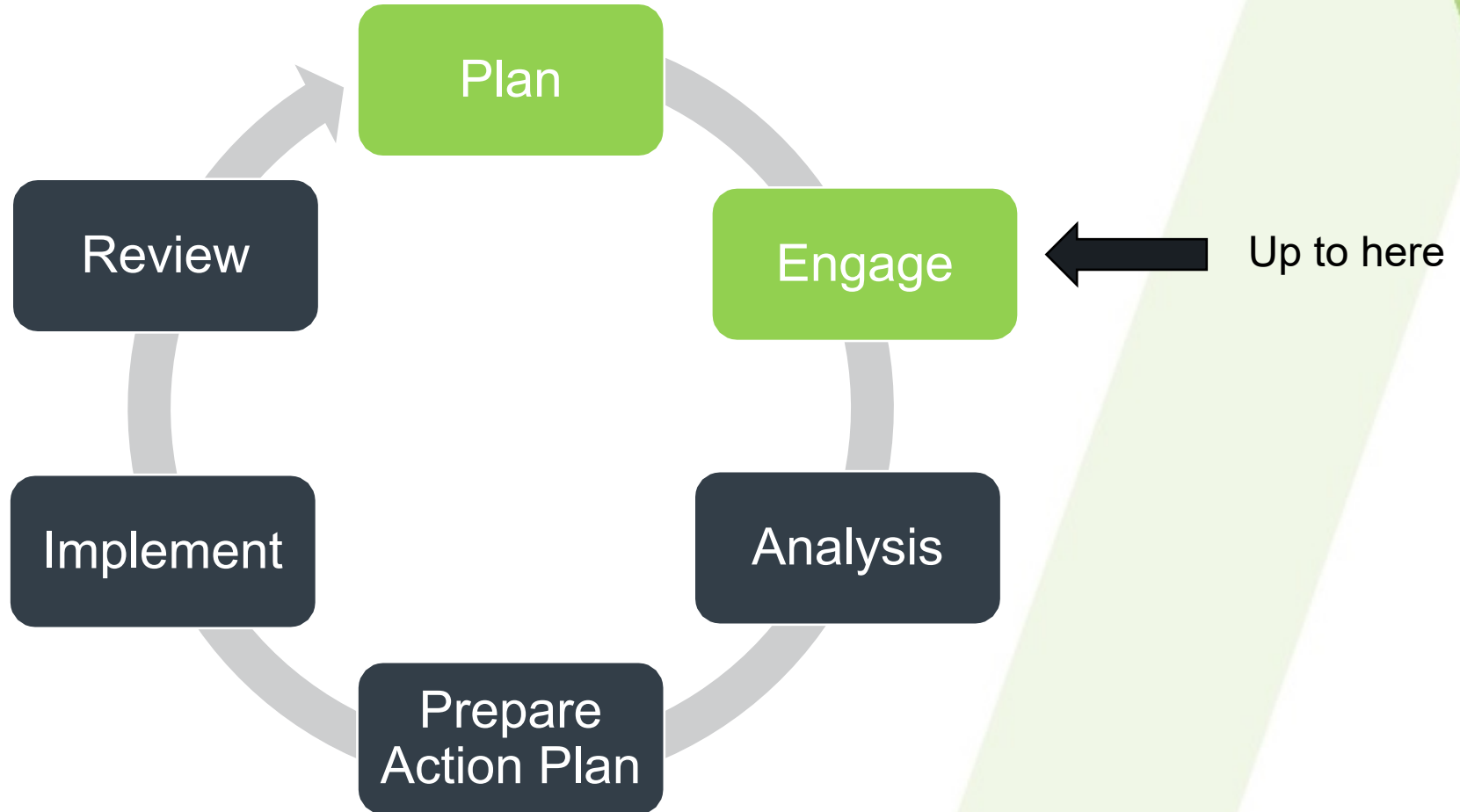
Progress made

Community Emissions 2007 - 2020

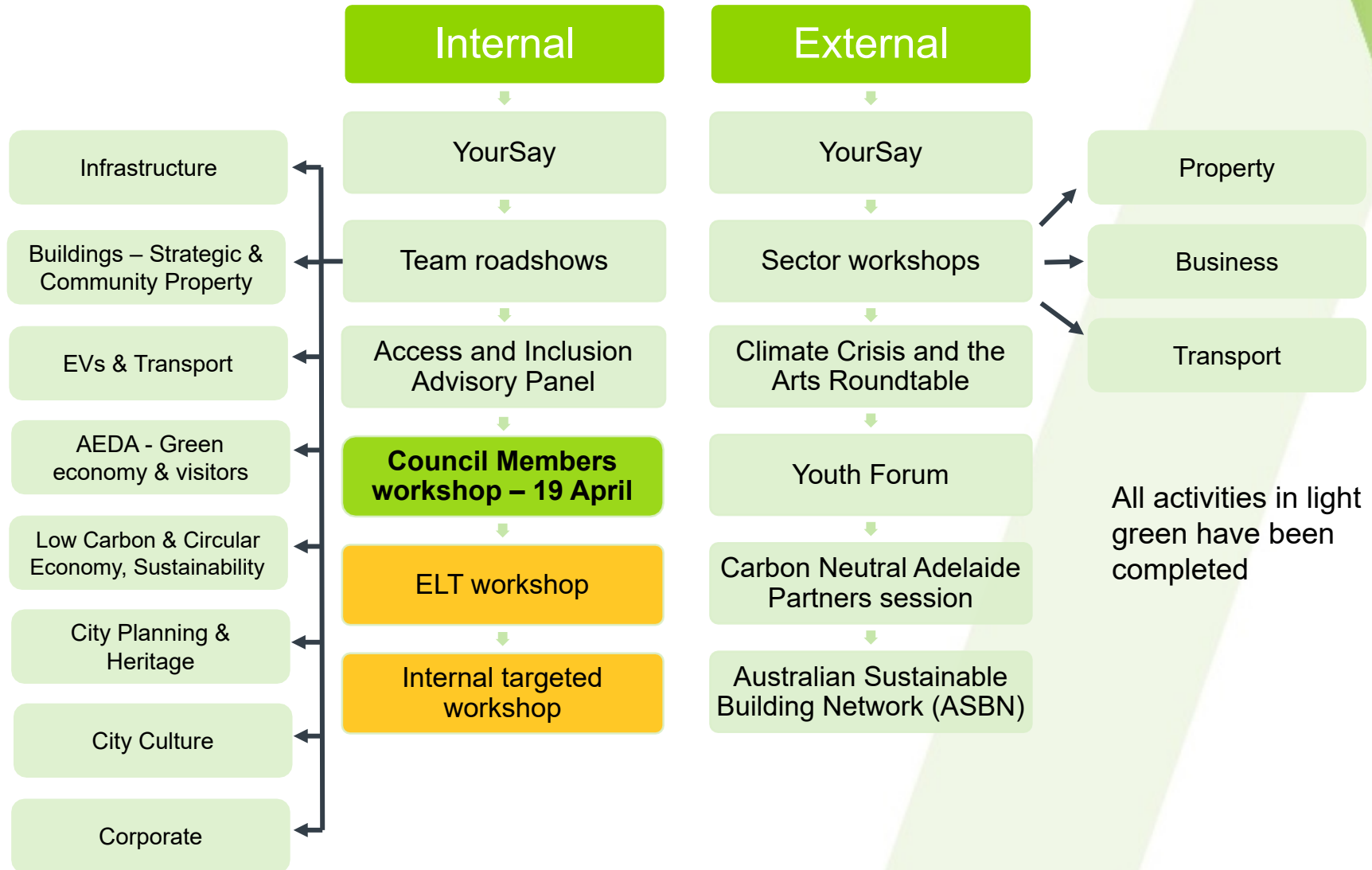
City of Adelaide Community Greenhouse gas emissions 2007-2020



Engagement Process Steps



Engagement Activities



Key Points – Property Sector Workshop

- Stationary energy can be reduced through electrifying buildings, phasing out gas and generating renewable energy from solar panels.
- Multi-tenanted buildings can still install solar panels through shared solar purchases.
- Group buying of renewable energy between multiple businesses is a key area of opportunity.
- Improving energy efficiency of existing buildings can be achieved through improved incentives and support programs.
- Organisations can support each other by sharing information, sharing renewable energy and collaborating to achieve widespread carbon reductions

Key Points – Business Sector Workshop

- Businesses are interested in buying collective, local carbon offsets and sharing bulk-buy opportunities.
- Waste can be reduced through involvement in extended stewardship programs with support from Council, facilitating collective business and apartment recycling, and reducing food waste.
- Renewable energy uptake by businesses can be increased through shared purchase agreements and increasing business understanding of the programs, grants and advisory services available.
- Funding is the single most limiting factor for climate action in the business sector, and Council could help address this.
- Green transport needs to encourage choice, promote safety and provide connections across Adelaide.

Key Points – Transport Sector Workshop

- Adelaide is ideal for active travel and this needs to be promoted with a connected network of cycling and pedestrian paths and lanes, green infrastructure, safe bike storage locations and safer interaction between cars and bikes.
- Slow city movement is better for commerce, health and wellbeing, environmental and public amenity and can be achieved by prioritising bike and pedestrian traffic over cars.
- Electric vehicle uptake (cars, scooters, bikes) needs to be accelerated, including installing charging infrastructure, educating the community, and increasing electric vehicle availability.
- The oversupply of car parks can be addressed by repurposing on/off street car parks to cycling and pedestrian lanes, EV charging parks and residential land.
- Car travel can be made the last choice for travellers by reducing the need for car ownership through increased active travel and ride share opportunities.



Key Points – Youth Forum

- Youth are passionate about climate action but feel dis-empowered to take action as are not often involved in decision making.
- There is a need for a forum or collaboration to support youth to come together and share knowledge/talk more about climate action on a regular basis.
- Climate education and awareness raising targeting youth is needed.
- Social justice issues related to climate were of particular interest.
- The need for better infrastructure for active transport both within the city and connections across Council borders was identified.
- There was support for electrification and increased renewables on campus for schools/universities.
- The need to support businesses with waste collection services and advocacy to the State Government for legislative change was identified.

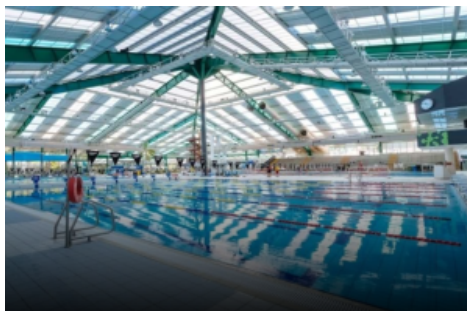
Community Theme One



Moving towards an all-electric city

Stationary energy is 44% of the community emissions profile.

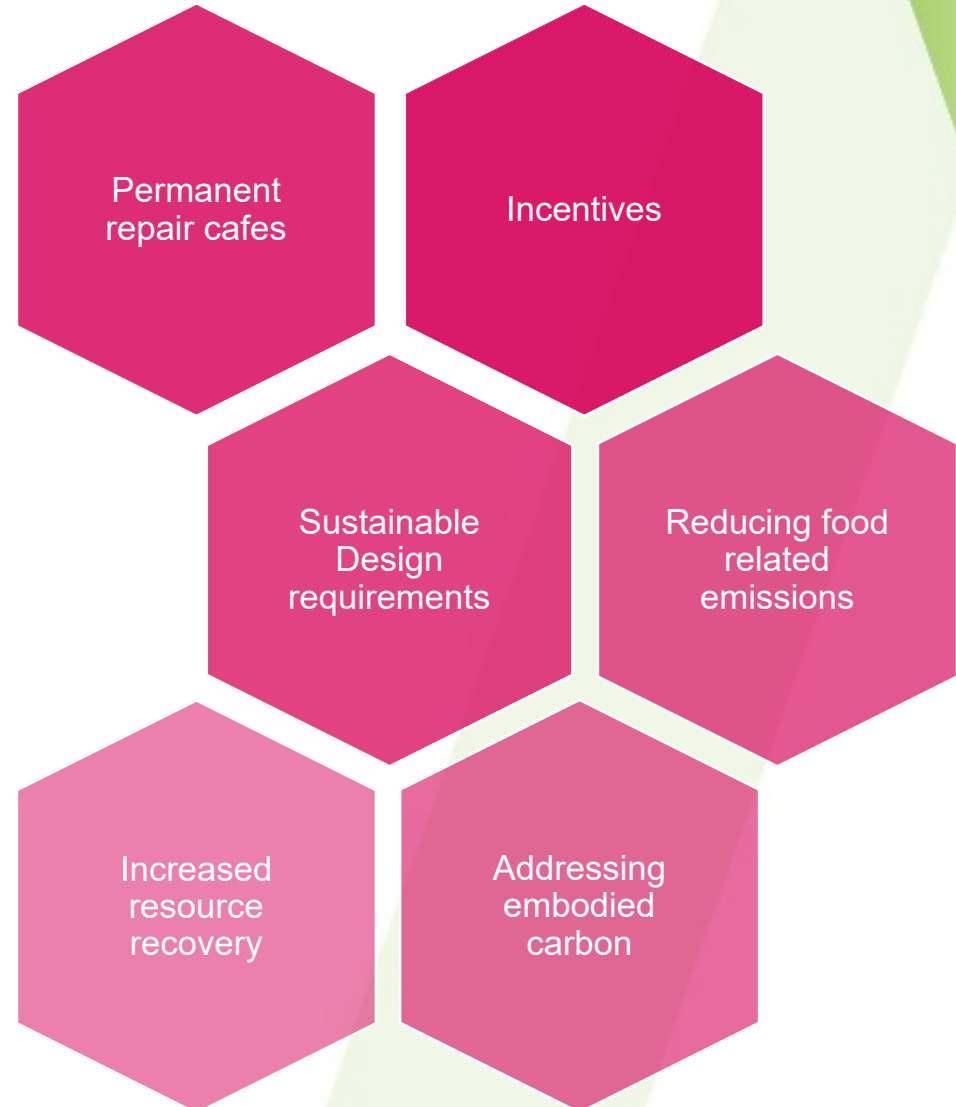
There is general recognition that, due to the high level of renewables in the SA grid, moving towards an all-electric city, through the electrification of buildings and transport systems, is one of the fastest and easiest ways we can reduce emissions.



Community Theme Two

Resource Efficiency Opportunities

There is an increased interest in creating resource efficient systems that reduce the necessity to use energy and other resources that could create greenhouse gas emissions.



Community Theme Three



Supporting community led action

The community wants to be heard and to understand what they can do individually and collectively to make a change.



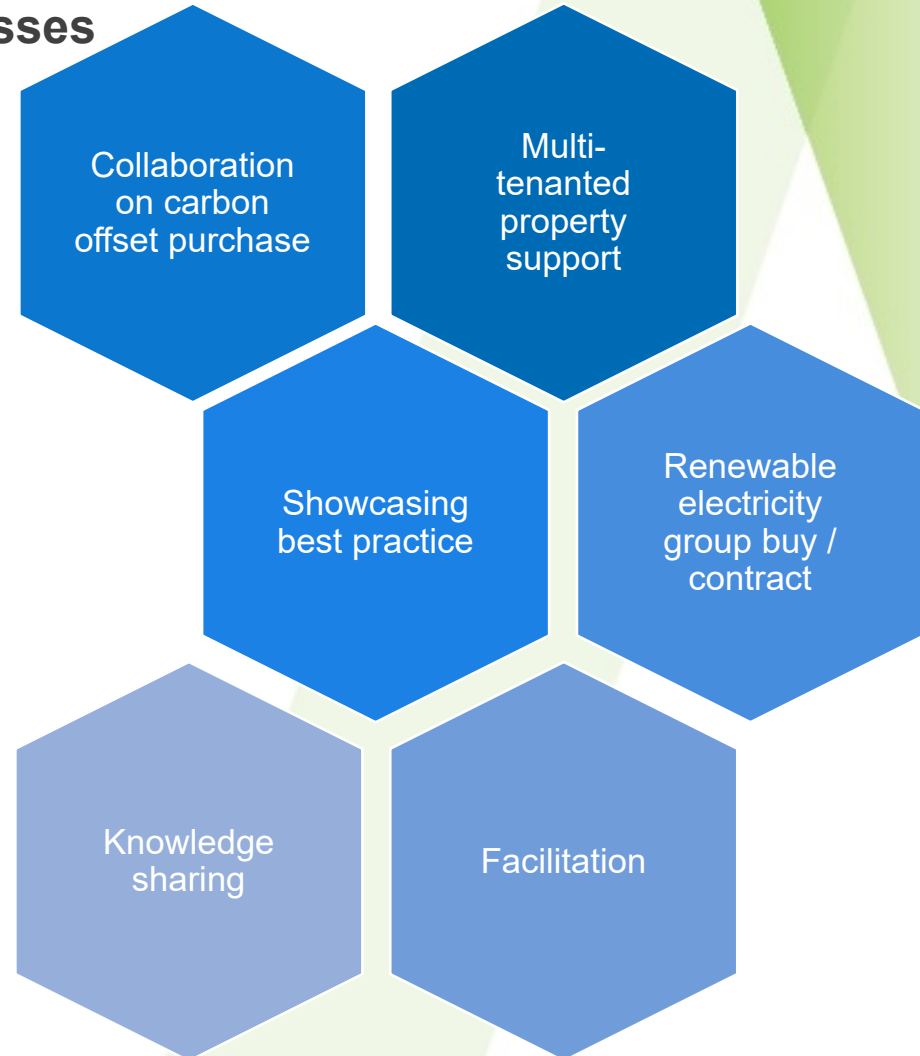
*Some ideas related to more than one action or theme

Community Theme Four



Supporting collaborative action by businesses

There is strong interest within the business community for council support of projects that take advantage of collective climate action.

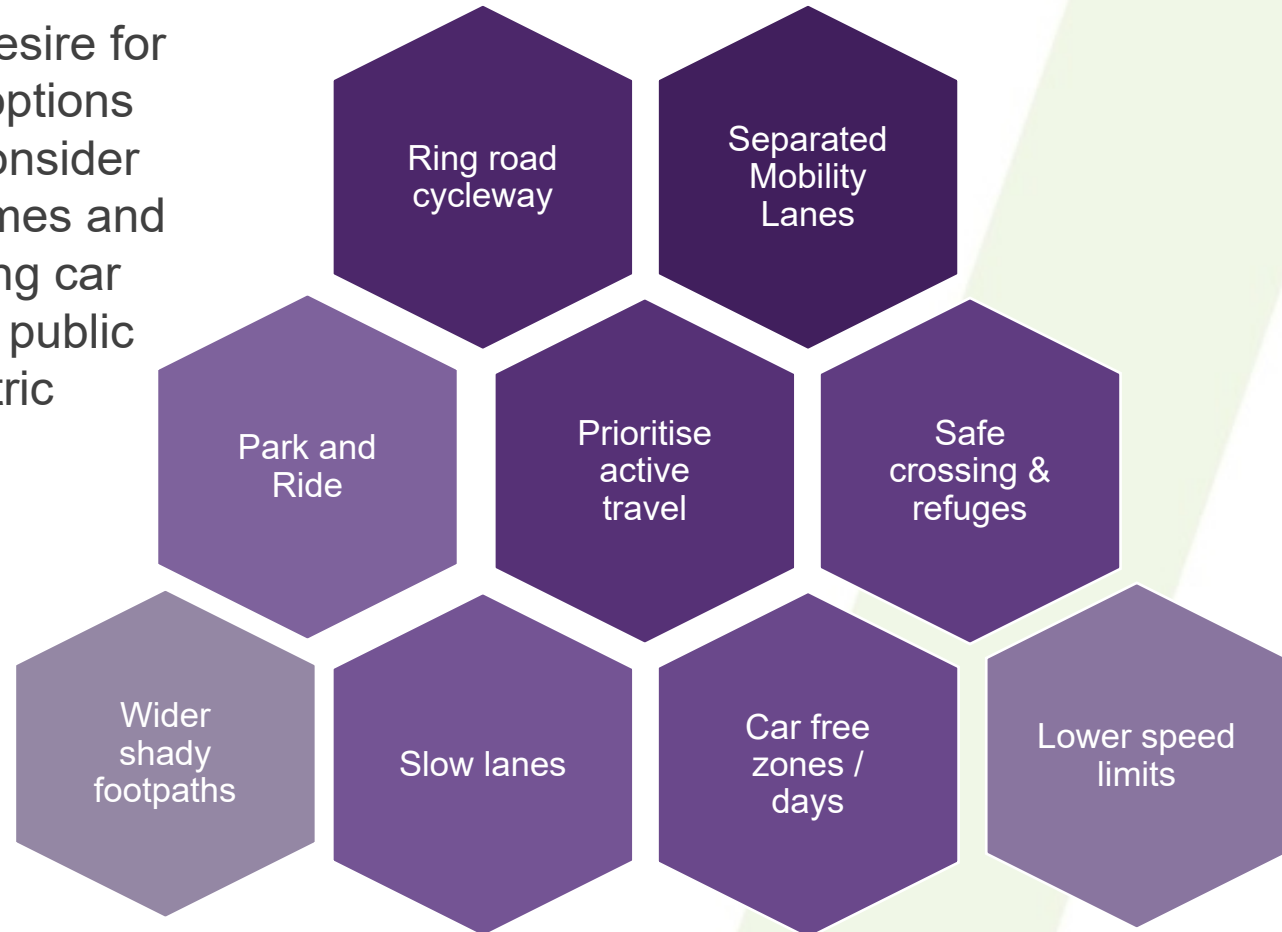


Community Theme Five



Mobility and transport around the city

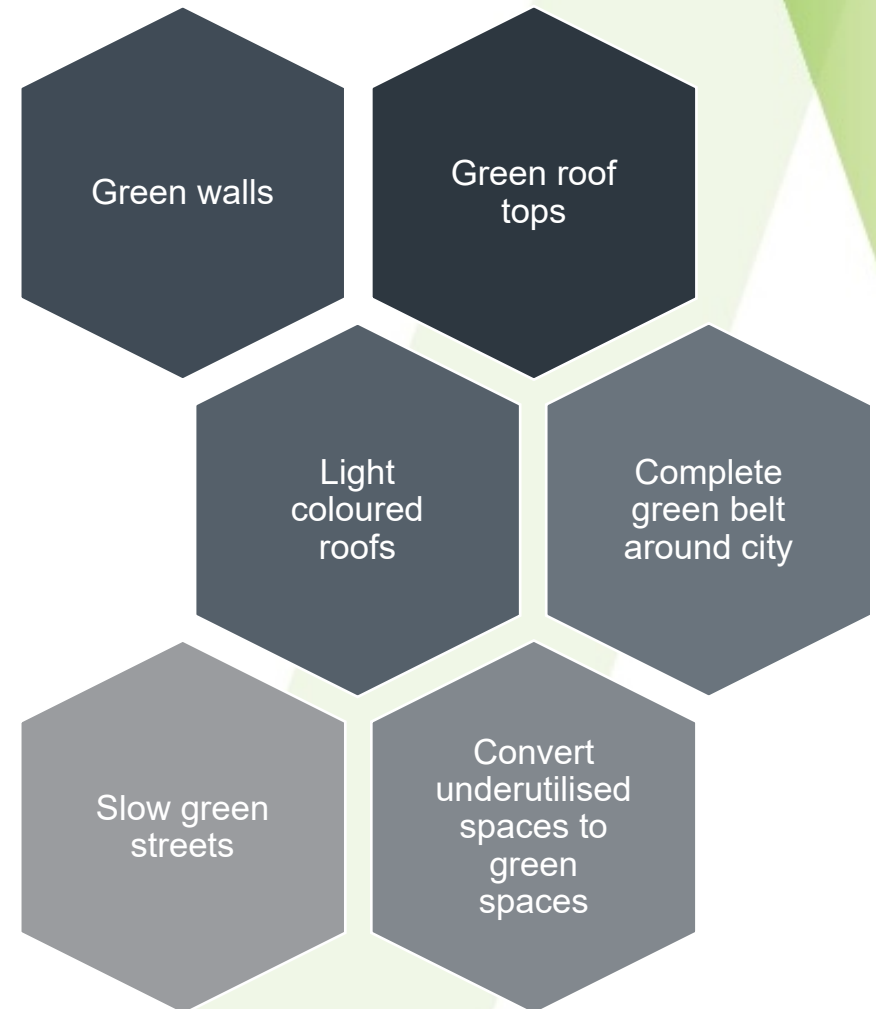
There is a strong desire for infrastructure and options for transport that consider both climate outcomes and congestion, including car sharing, active and public transport, and electric vehicles.



Community Theme Six







Greening the city and reducing the heat island effect

The community recognises that urban greening, shade, and cooling are crucial components of a climate response, including a strong desire to reduce bitumen/paved areas and increase green public spaces. Although most of these actions are focused on climate adaptation, there are opportunities that provide both adaptation and mitigation outcomes.



Climate Action Plan

Future Directions

Carbon Neutral Adelaide Action Plan 2016-2021	Climate Action Plan 2022-2025 (emerging themes from Community Feedback)
Carbon Neutral Adelaide Partnerships framework	 Supporting community led action Supporting collaborative action by businesses
Energy efficient built form	 Moving towards an all-electric city
Zero emissions transport	 Mobility and transport around the city
Towards 100% renewable energy	 Greening the city and reducing the heat island effect
Reduce emissions from waste and water	 Resource efficiency opportunities
Offset carbon emissions	 Offset carbon emissions

Next steps

- A consultation report will be provided to Council members, including ideas and feedback received through the engagement process.
- A new Climate Action Plan will:
 - Be drafted based on emissions analysis, engagement and Council Member feedback.
 - Provide linkages to CoA Urban Greening Strategy, City Plan, Climate Risk Adaptation Action Plan, Cycling Infrastructure Strategic Action Plan and Walking Strategy.
 - Be presented to Council in July 2022 to drive action until the end of 2025.
- Development of a new Carbon Neutral Strategy, including review and update of targets, will commence in 2023-2024.



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