



CITY PLANNING, DEVELOPMENT AND BUSINESS AFFAIRS COMMITTEE AGENDA & REPORTS

for the meeting

Tuesday, 2 May 2023
at 7.00 pm

in the Colonel Light Room, Adelaide Town Hall

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Members – The Right Honourable the Lord Mayor, Dr Jane Lomax-Smith

Councillor Noon (Chair)

Councillor Martin (Deputy Chair)

Councillors Abrahamzadeh, Couros, Davis, Elliott, Giles, Hou, Li, Dr Siebentritt and Snape

1. Acknowledgement of Country

At the opening of the City Planning, Development and Business Affairs Committee meeting, the Chair will state:

‘Council acknowledges that we are meeting on traditional Country of the Kaurna people of the Adelaide Plains and pays respect to Elders past and present. We recognize and respect their cultural heritage, beliefs and relationship with the land. We acknowledge that they are of continuing importance to the Kaurna people living today.

And we also extend that respect to other Aboriginal Language Groups and other First Nations who are present today.’

2. Apologies and Leave of Absence

Nil

3. Confirmation of Minutes - 4/4/2023

That the Minutes of the meeting of the City Planning, Development and Business Affairs held on 4 April 2023, be taken as read and be confirmed as an accurate record of proceedings.

Link to minutes view [here](#).

4. Workshops

4.1	City Plan (Stage 1)	3 - 27
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5. Reports for Recommendation to Council

5.1	Climate Action Plan 2022-2025	28 - 40
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6. Closure

City Plan (Stage 1) Workshop

Strategic Alignment - Strong Economies

Public

Tuesday, 2 May 2023

**City Planning, Development
and Business Affairs
Committee**

Program Contact:

Sarah Gilmour, Associate
Director Park Lands Policy and
Sustainability

Approving Officer:

Ilia Houridis, Director City
Shaping

PURPOSE OF WORKSHOP

The purpose of this workshop is to seek input from Council Members into key parameters that will inform future urban design principles and future growth scenarios to develop the City Plan.

KEY QUESTIONS

What are Council Members' views on these city shaping ideas?

NEXT STEPS

- Development of urban design principles and spatial analysis frameworks and future development scenarios
- Members are invited to attend a Cultural Walk
- Update will be provided before our second engagement on 6th June '23
- Present the draft principles and framework for comment and ahead of being finalised at our third engagement on 4th July '23

- END OF REPORT -

Strong Economies

City Plan (Stage 1) Workshop

Director City Shaping Ilia Houridis,
Associate Director Park Lands, Policy
and Sustainability, Sarah Gilmour



City Plan (Stage 1) Workshop

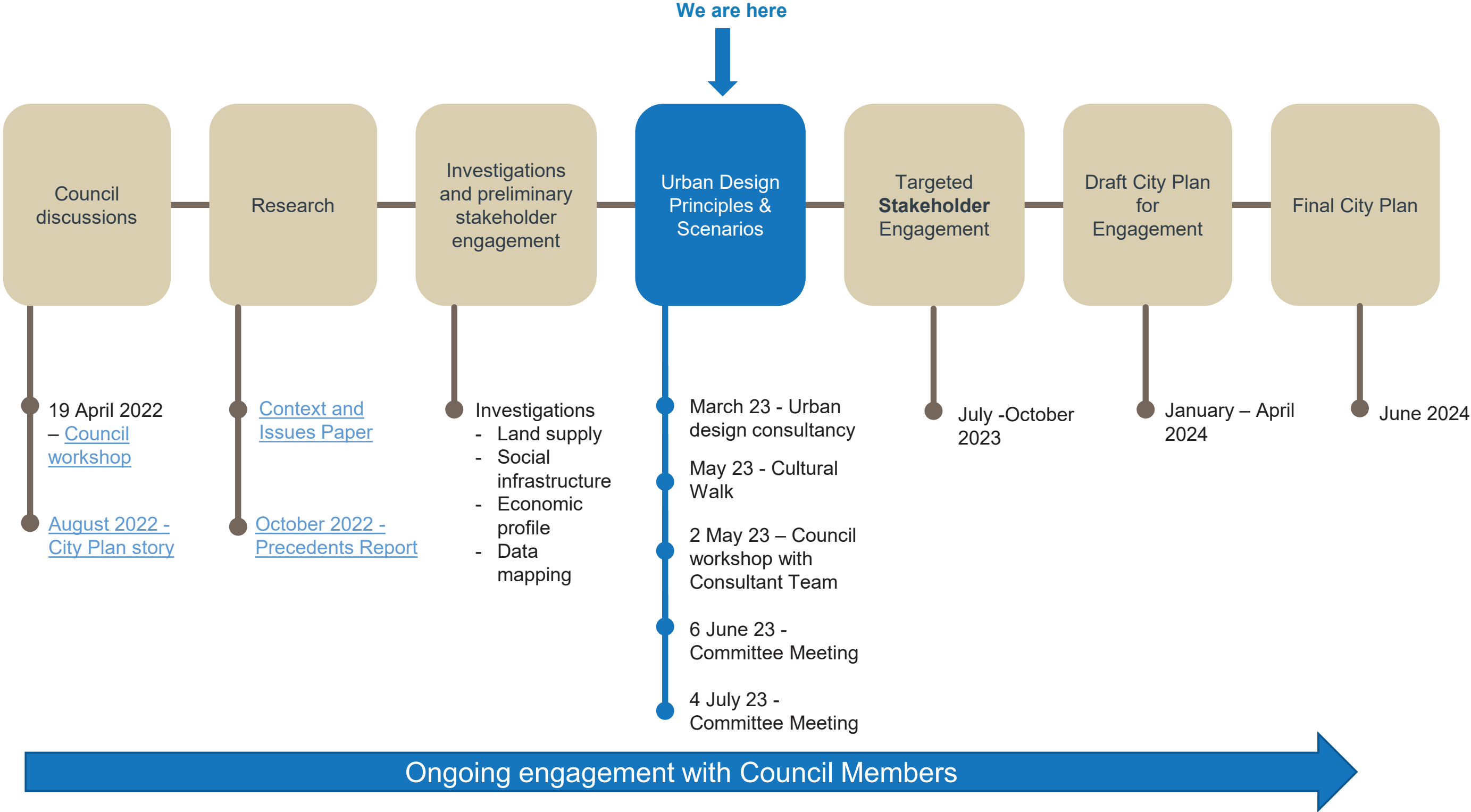
Key Messages

Stage 1 City Plan

- Preliminary scoping, investigations and project definition complete
- Consultant team engaged to support Stage 1:
 - City Collective and ARUP with Malloway and Aboriginal Urban Design
- We are seeking input into key parameters to inform future urban design principles and future growth scenarios
- There will be regular touch points and opportunities for Council Member engagement

City Plan (Stage 1) Workshop

Stage 1 City Plan Roadmap



CITY PLAN (STAGE 1)

WORKSHOP #01



LET US INTRODUCE OURSELVES

Who is in the room?



DAVID COOKE RAIA, MPiA
DIRECTOR, CITY COLLECTIVE
URBAN DESIGNER, ARCHITECT & PLANNER
ROLE: **PROJECT DIRECTOR**



ORR NIV SHALLEV RAIA
SENIOR DESIGN INTEGRATION, ARUP
URBAN DESIGNER, ARCHITECT
ROLE: **CO- PROJECT LEAD**



SIMON LEE ALIA
PRINCIPAL, CITY COLLECTIVE
URBAN DESIGNER & LANDSCAPE ARCHITECT
ROLE: **CO- PROJECT LEAD**

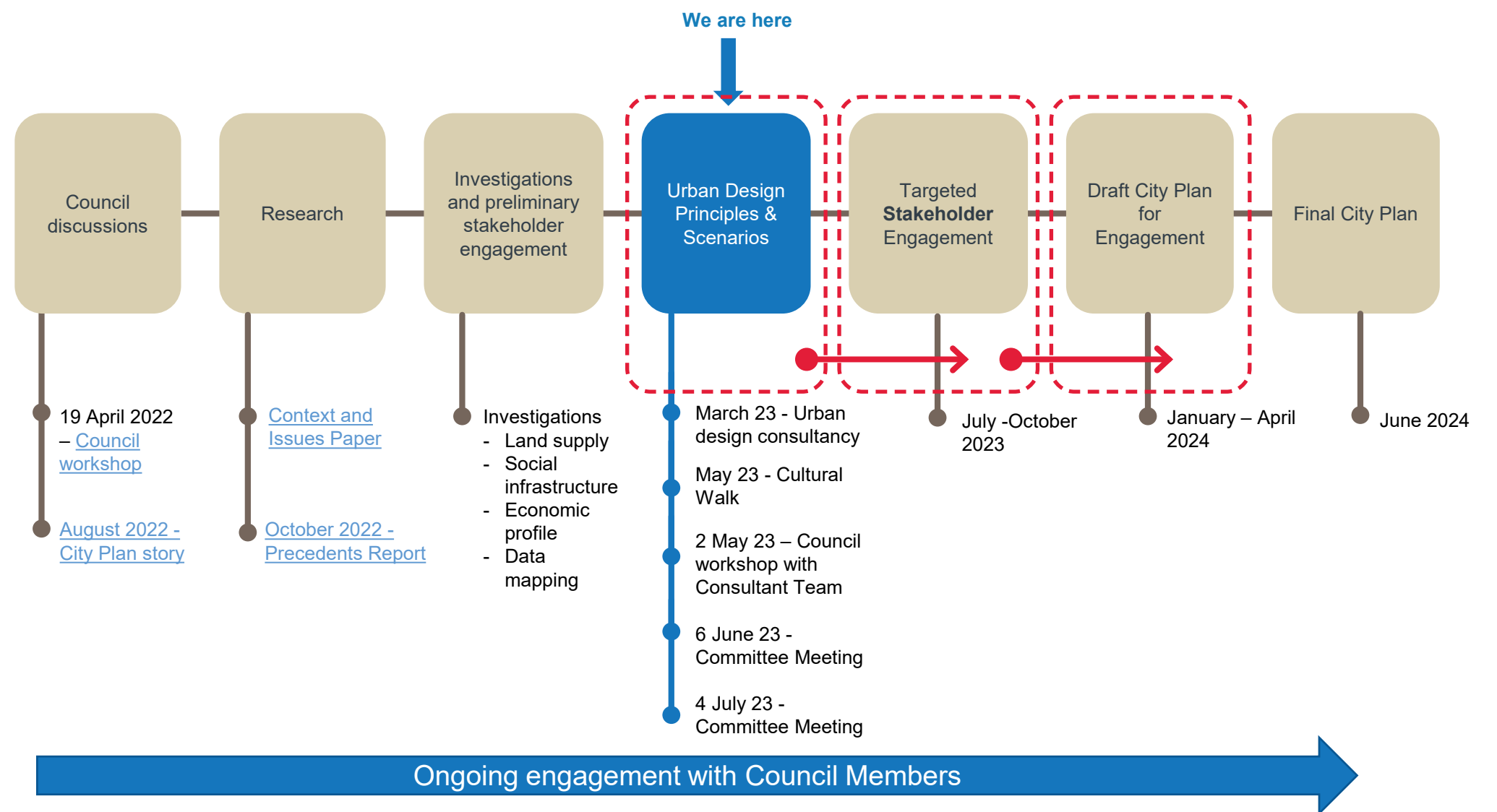
WHY WE ARE HERE

- To understand the **values and priorities** of this Council in relation to the urban design of Adelaide
- To **hear your thoughts** and understand what's most important to you as we develop the City Plan together
- To be **provocative**, to get you thinking about what cities are, their complexities and interdependencies



WORKING IN UNISON

Understanding your views on the future of Adelaide as a Capital City will **inform the development of urban design principles** that align with the priorities of this Council, prior to engaging more broadly

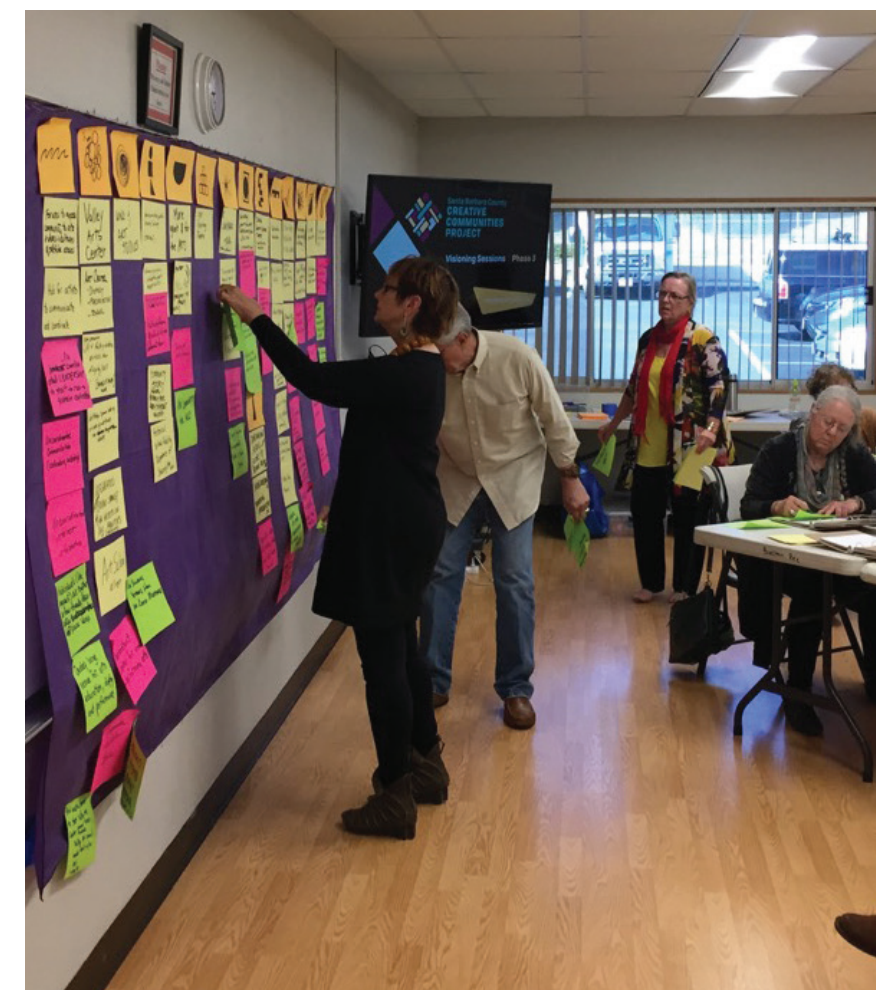
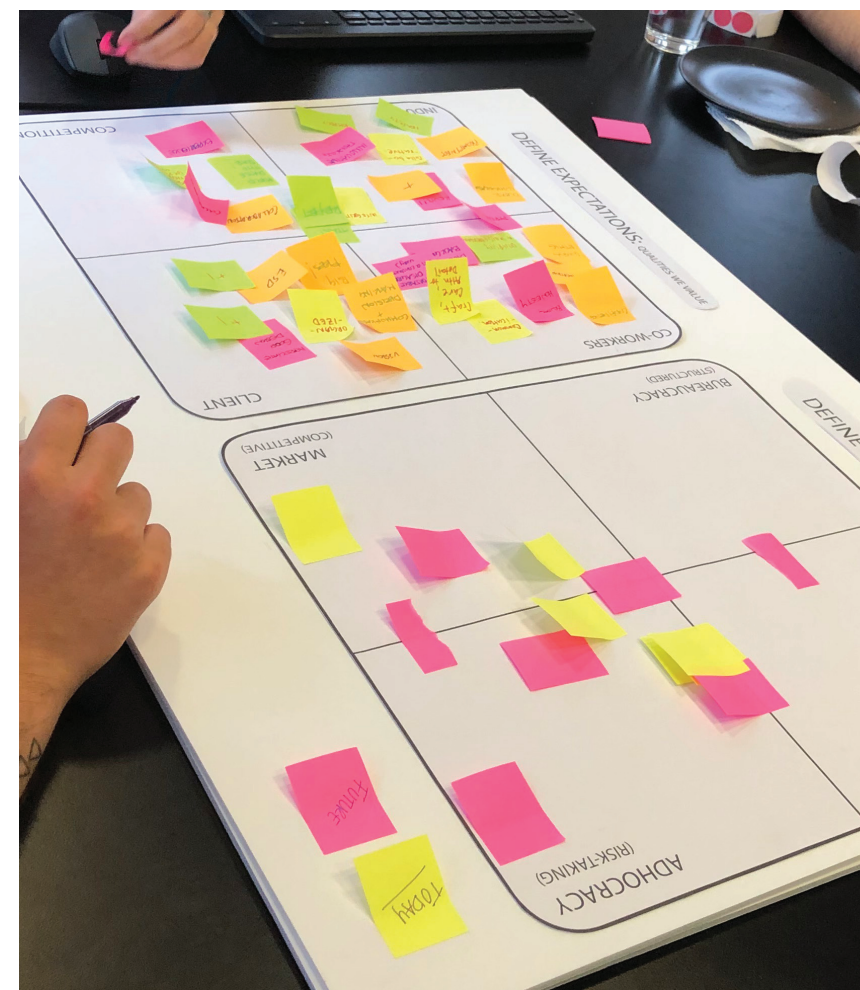


City Plan (Stage 1) Workshop | 2 May 2023

LET'S GET STARTED WITH WHAT ARE WE DOING TODAY?

To achieve our purpose, and to define our playing field together we will run 3 activities today

- **Activity #1** – City Values
- **Activity #2** – City Parameters
- **Activity #3** – What if...



WORKSHOP ACTIVITY #1

CITY VALUES

Question:

**WHAT DO YOU WANT ADELAIDE TO BE
KNOWN FOR?**

- Log in to Digital Platform



WORKSHOP ACTIVITY #2

CITY PARAMETERS

Question:

WHAT PARAMETERS EXIST IN OUR CITY?

- You have been provided with **dots to place** on the 8 boards
- Place dots where **your priorities** lie on the spectrum
- **Choose carefully!** You cannot place on all boards

Parameter #1- City Living

RESIDENTIAL AMENITY

NIGHT-TIME ECONOMY



Parameter #3- Carbon Neutral

URGENT ACTION TO TRANSITION TO A GREEN ECONOMY

BUSINESS AS USUAL & ACTION AS OPPORTUNITIES ARISE



Parameter #5- Economy

CITY FOR THE ARTS & CULTURE

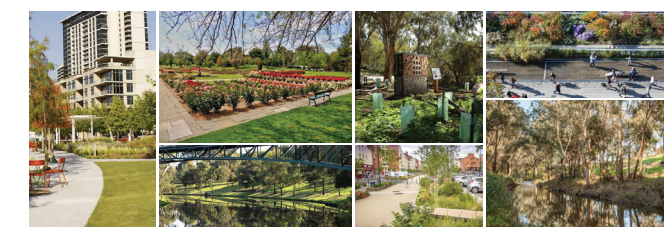
CITY FOR BUSINESS & INDUSTRY



Parameter #7- Nature

MANICURED

BIODIVERSE



Parameter #2- The Street

FOR PEOPLE, BIKES & ACTIVITY

FOR PARKING & CAR MOVEMENT



Parameter #4- Events

MAD MARCH

EVENTS YEAR ROUND



Parameter #6- Social

PUBLIC SPACE WHICH IS ALWAYS ACCESSIBLE TO EVERYONE

PUBLIC SPACE WHICH IS PROGRAMMED FOR ACTIVITY



Parameter #8- Cultural Heritage

COLONIAL

KAURNA



WORKSHOP ACTIVITY #3

WHAT IF...?

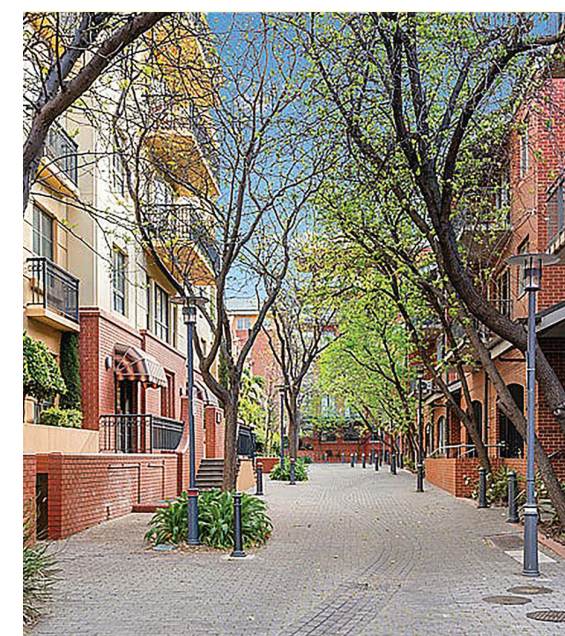
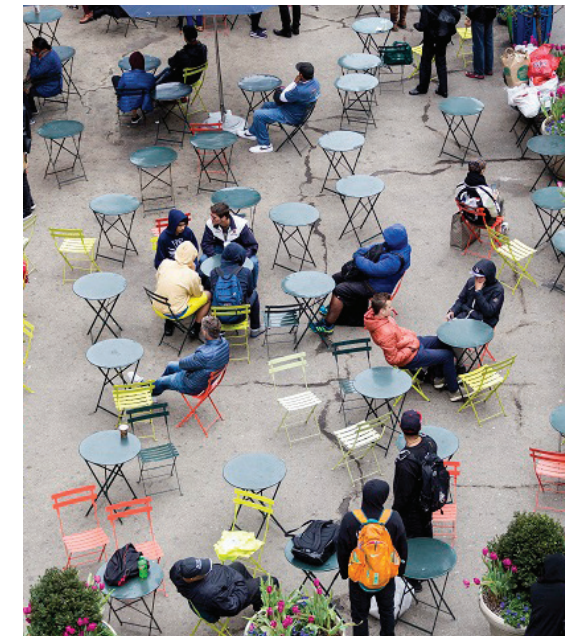
- Three questions are posed to **stimulate discussions** about ideas that could shape our city
- This activity will be used to **inform scenarios** that will be presented to Council Members on 6th June '23



WHAT IF... ADELAIDE LEADS IN ITS CLIMATE CHANGE RESPONSE?



WHAT IF... ADELAIDE EMBRACED PEOPLE LIVING IN THE CITY?



WHAT IF...

ADELAIDE FACILITIES AND SERVICES WERE EQUALLY DISTRIBUTED ACROSS THE CITY?



DISCUSSION

- What are **Council Members' views** on these city shaping ideas?



NEXT STEPS

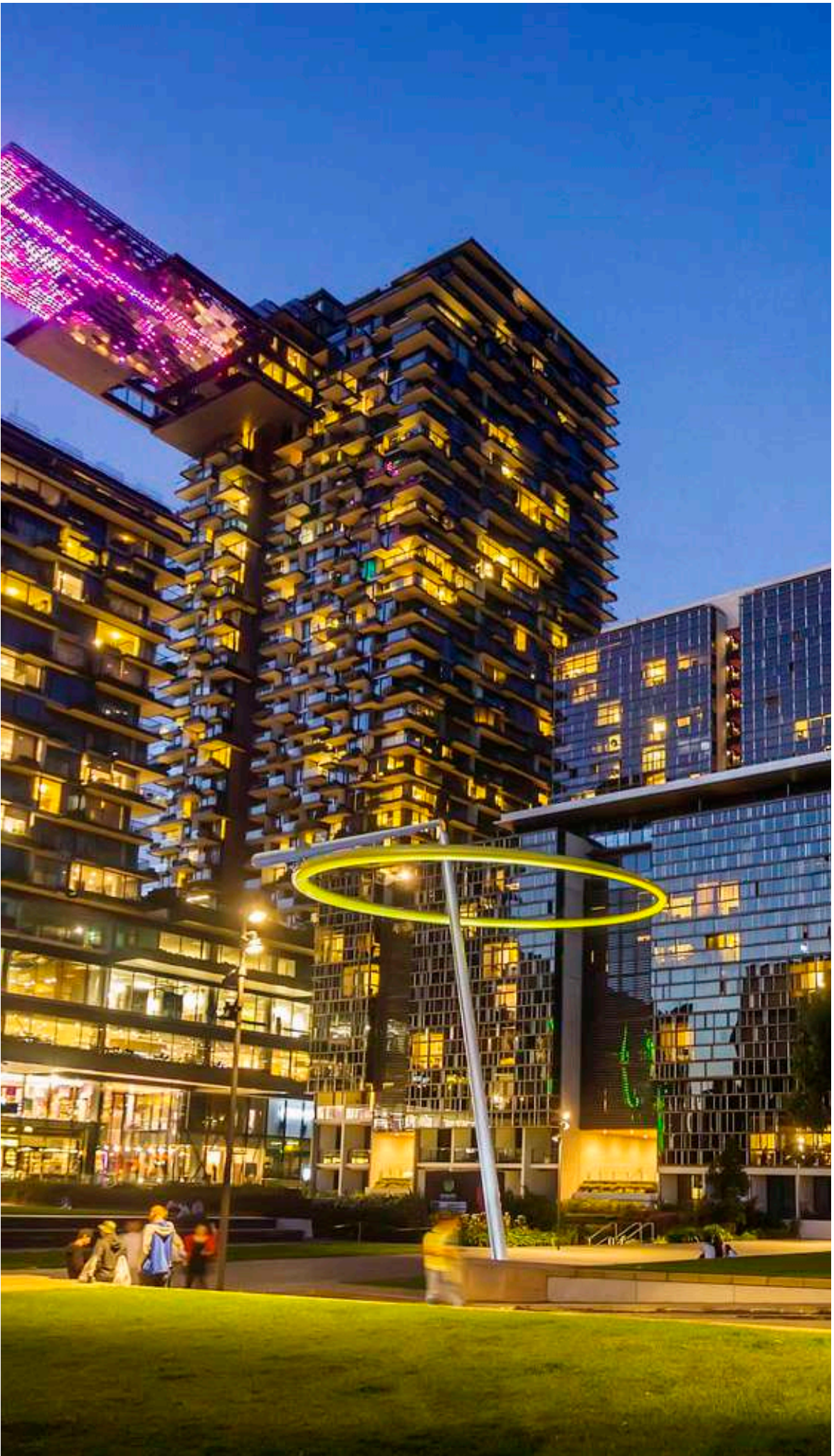
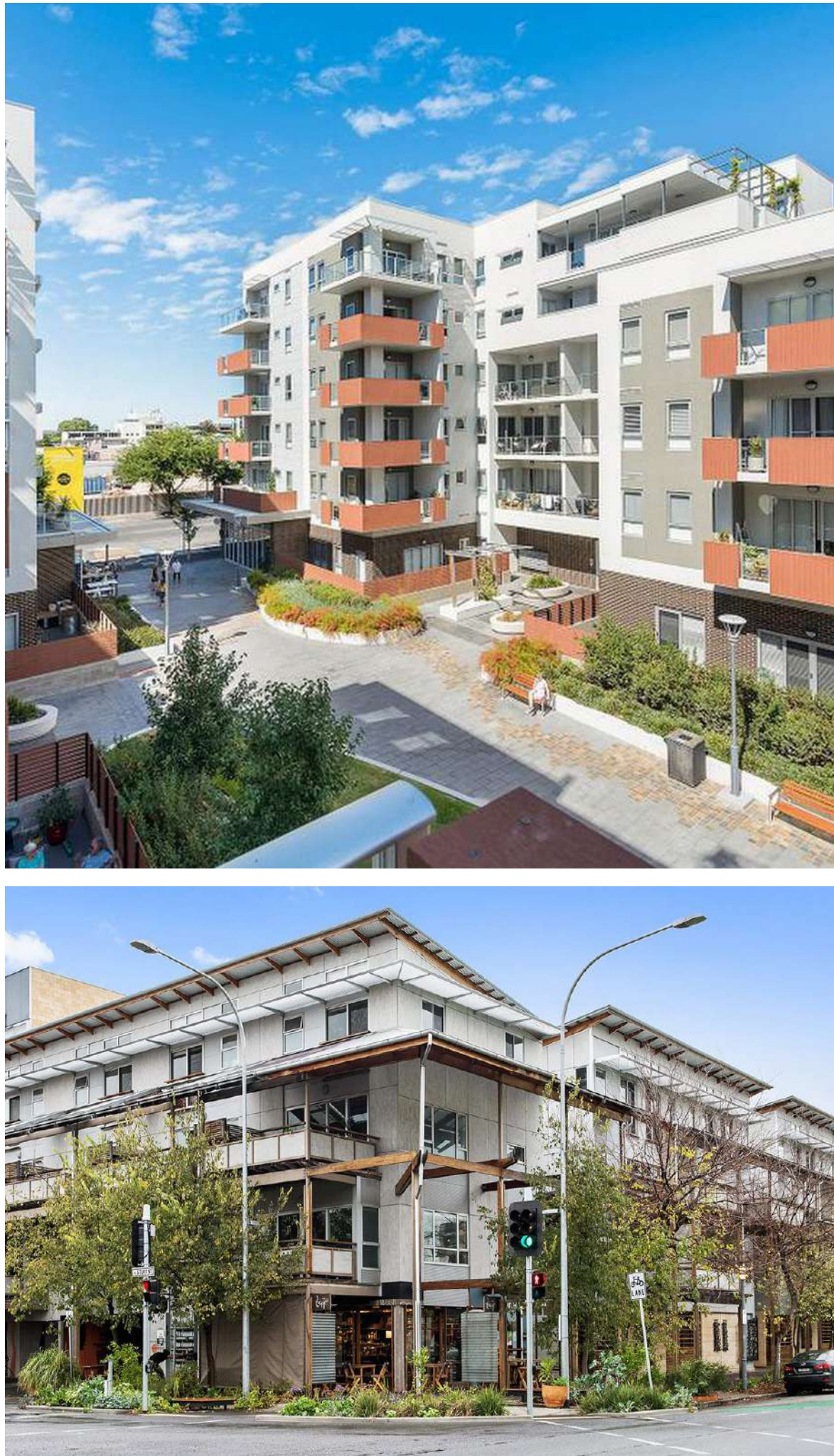
- Development of **urban design principles** and **spatial analysis frameworks** and future development scenarios
- Members are invited to attend a **Cultural Walk**
- **Update** will be provided before our second engagement on 6th June '23
- Present the **draft principles and framework** for comment and ahead of being finalised at our third engagement on 4th July '23



Parameter #1- City Living

RESIDENTIAL AMENITY

NIGHT-TIME ECONOMY



Parameter #2- The Street

FOR PEOPLE, BIKES & ACTIVITY

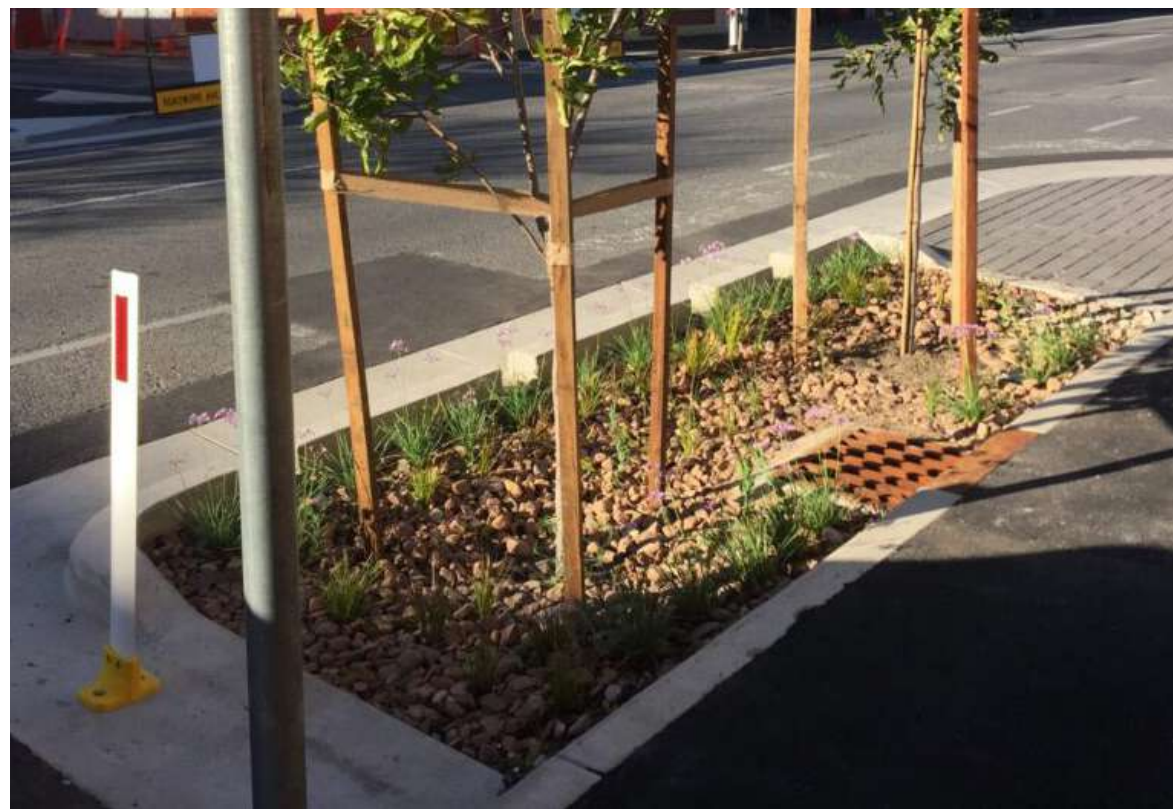
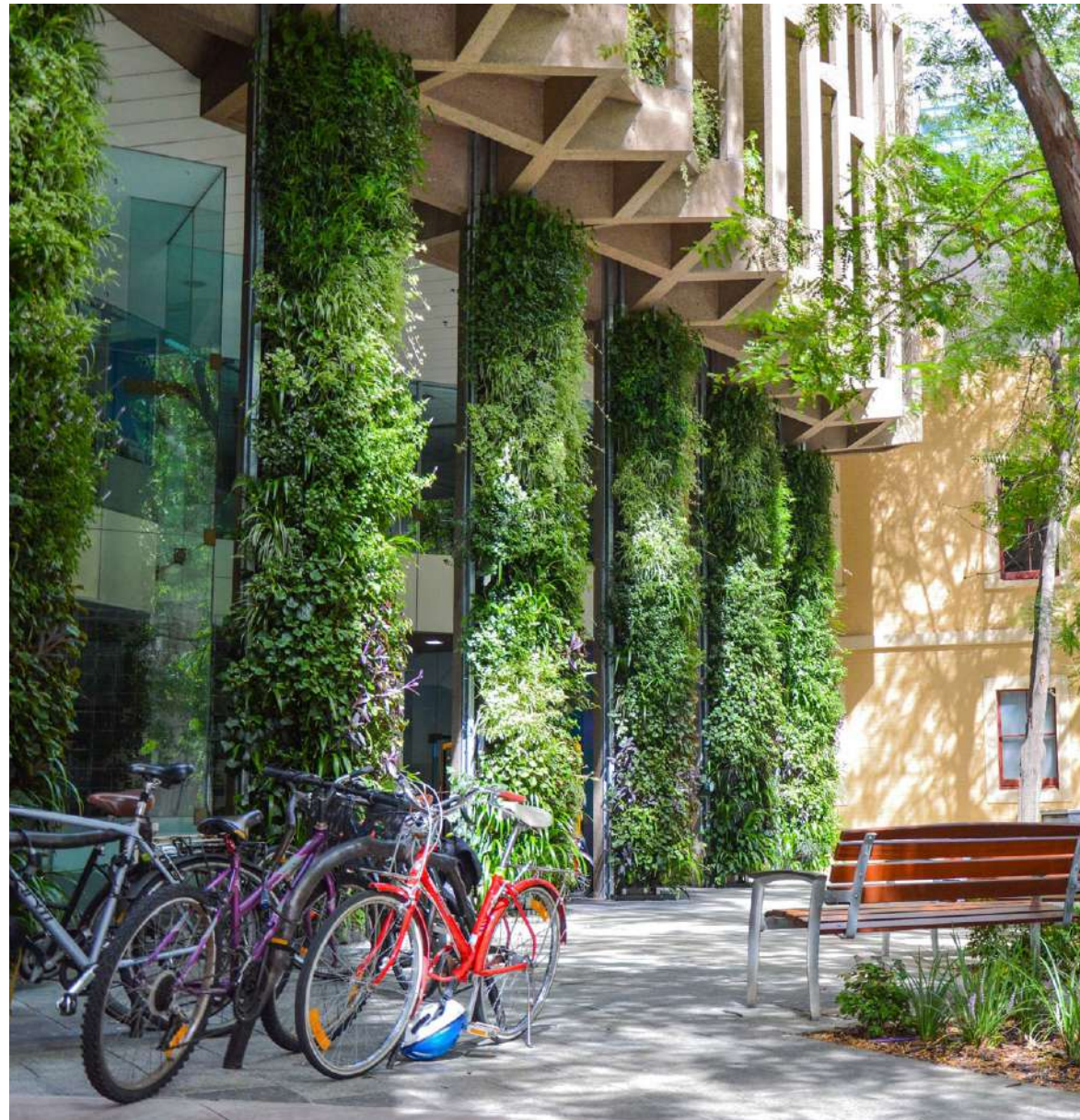
FOR PARKING & CAR MOVEMENT



Parameter #3- Carbon Neutral

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EVENTS YEAR ROUND



Parameter #5- Economy

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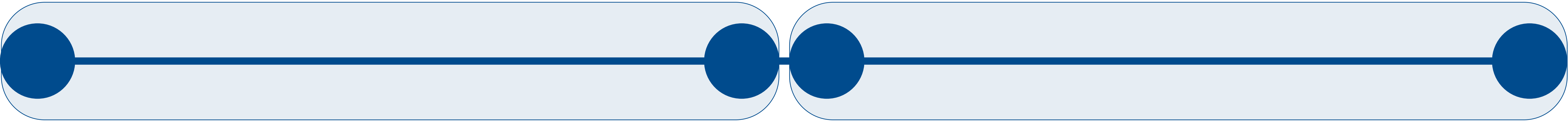
PUBLIC SPACE WHICH IS PROGRAMMED FOR ACTIVITY



Parameter #7- Nature

MANICURED

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Parameter #8- Cultural Heritage

COLONIAL

KAURNA



Climate Action Plan 2022-2025

Strategic Alignment - Environmental Leadership

Public

Tuesday, 2 May 2023

**City Planning, Development
and Business Affairs
Committee**

Program Contact:

Sarah Gilmour, Associate
Director Park Lands, Policy &
Sustainability

Approving Officer:

Ilia Houridis, Director City
Shaping

EXECUTIVE SUMMARY

The purpose of this report is to present the draft Climate Action Plan 2022 – 2025 to Council for decision.

The draft Climate Action Plan 2022 – 2025 completes the remaining years of the [Carbon Neutral Strategy 2015 – 2025](#) and builds on the successes of the Carbon Neutral Adelaide Action Plan 2016 – 2021.

The Plan is the result of two rounds of community engagement in 2022, including stakeholder workshops. Five actions were identified as priorities for implementation in 2022/2023 and eight actions have been identified as further priorities for 2023/24.

One of the priority actions for 2023/24 is to revise emission targets and develop a roadmap for their achievement. Targets will be included in the forthcoming Climate Policy, which will be timed with the corporate review of the Policy Framework.

Planning will commence in 2023/2024 to revise the Carbon Neutral Strategy 2015-2025. Once the next Strategy is determined, a new Climate Action Plan will be developed that includes a roadmap of actions to achieve the targets to be set in the Climate Policy.

The following recommendation will be presented to Council on 9 May 2023 for consideration

THAT THE CITY PLANNING, DEVELOPMENT AND BUSINESS AFFAIRS COMMITTEE RECOMMENDS TO COUNCIL:

That Council:

1. Endorses the Climate Action Plan 2022 – 2025 as provided in Attachment A to Item 5.1 on the Agenda for the meeting of the City Planning, Development and Business Affairs Committee held on 2 May 2023.
 2. Notes the following priority actions from the Climate Action Plan 2022 – 2025 to commence in 2023/2024:
 - 2.1. Implementation of a program to support electrification of new and existing commercial buildings within the city.
 - 2.2. Install an additional 100 public electric vehicle and bicycle chargers between 2022–2025 in collaboration with partners.
 - 2.3. Investigate opportunities to install a community battery or facilitate a community energy project.
 - 2.4. Investigate low carbon, green precinct options in collaboration with university partners.
 - 2.5. Revise the community emissions target with emission reduction pathways mapped.
 - 2.6. Integrate at least 75% electric vehicles into the City of Adelaide light passenger vehicle fleet by 2025 as cost effective and fit-for-purpose models become available, as a Foundation Partner of the SA Electric Vehicle Fleet Pledge.
 - 2.7. Convert all remaining city streetlights to efficient LED.
 3. Authorises the Chief Executive Officer to make minor amendments to the Climate Action Plan 2022- 2025 as part of the graphic design process that do not substantively change the intent.
-

IMPLICATIONS AND FINANCIALS

City of Adelaide 2020-2024 Strategic Plan	Strategic Alignment – Environmental Leadership One of the world's first carbon neutral cities by 2025, where sustainability is core. A transition to low carbon and circular economies. A climate ready organisation and community.
Policy	Adoption of a Climate Action Plan aligns to existing Council commitments on climate related matters.
Consultation	The draft Climate Action Plan was informed by engagement undertaken in February and March 2022. Consultation was undertaken between 31 October and 11 December 2022, in combination with a draft Climate Policy.
Resource	Climate action is budgeted through Council's Climate Change Action Initiative Fund with comprises a proportion (1%) of Council rates. Increased ambition may require additional resourcing.
Risk / Legal / Legislative	An endorsed Climate Action Plan assists Council to achieve climate active certification.
Opportunities	The opportunities presented by climate action include global positioning for the city, investment attraction, and resource efficiency through adoption of clean technology. Emissions reduction addresses particulate pollution contributing to improved air quality outcomes.
22/23 Budget Allocation	Not as a result of this report
Proposed 23/24 Budget Allocation	Budget allocation for implementation in 2023/2024 is proposed through the Climate Change Action Initiative Fund and other projects.
Life of Project, Service, Initiative or (Expectancy of) Asset	The draft Climate Action Plan covers 2022 – 2025, the last three years of the Carbon Neutral Strategy 2015 – 2025. The focus of the draft Climate Action Plan is the 2023/2024 financial year with directions for the 2024/2025 financial year pending alignment with Council's new Strategic Plan (in development) and Climate Policy (in development).
22/23 Budget Reconsideration (if applicable)	Not as a result of this report
Ongoing Costs (eg maintenance cost)	Not as a result of this report
Other Funding Sources	Certain climate change initiatives may apply for Federal Government funding. For example, the investigation into a community battery could potentially seek funding from the \$200 million Federal Community Batteries for Household Solar program.

DISCUSSION

Background

1. This report presents the proposed Climate Action Plan 2022 – 2025 (Attachment A) for endorsement.
2. The Climate Action Plan has been developed over the last 14 months through community, stakeholder, and Council engagement. Previous presentations and reports to Council include:
 - 2.1. Workshop on [19 April 2022](#) on the proposed draft Climate Action Plan themes drawn from community engagement.
 - 2.2. Report on [12 July 2022](#) on climate action progress and community engagement findings.
 - 2.3. Report on [9 August 2022](#) providing the draft Climate Action Plan which was approved by Council for community consultation.
 - 2.4. Workshop on [4 April 2023](#) on community consultation feedback on the draft Climate Action Plan.
3. The City of Adelaide (CoA) is committed to leading by example in addressing climate change and decoupling economic growth from carbon emissions as set out by its [Carbon Neutral Strategy 2015 – 2025](#).
4. The draft Climate Action Plan 2022 – 2025 completes the Carbon Neutral Strategy 2015 – 2025.
5. It follows joint implementation of the [Carbon Neutral Adelaide Action Plan 2016 – 2021](#) in partnership with the State Government and a [final report](#) on that Plan.
6. An index of background climate change information, commitments and achievements has informed the development of the Climate Action Plan and is provided at Link 1 view [here](#).
7. Key achievements to date:
 - 7.1. City of Adelaide became carbon neutral in financial year 2020 for corporate emissions and was recently externally certified for the third year.
 - 7.2. 100% renewable electricity power purchase agreement (PPA) commenced in 2020, reducing Council's absolute emissions by 52%.
 - 7.3. 1.1 MW of solar power installed on Council buildings providing electricity equivalent to over 300 homes, or 12% of Council demand.
 - 7.4. 24% of Council fleet are low emission (electric or hybrid) vehicles.
 - 7.5. Over 700 community projects supported by \$1.5 million Council investment from the Sustainability Incentives Scheme since 2015.
 - 7.6. Community emissions reduced 21% from 2007 – 2020, mostly due to the state-wide decarbonisation of the electricity grid.

Climate Actions 2022/2023

8. At its meeting on [9 August 2022](#), Council noted the following actions to commence implementation in 2022/2023 while the draft Climate Action Plan 2022-2025 was finalised. Updates on the following actions are included in Link 2 view [here](#) and summarised below.
 - 8.1. Consultation has commenced to gauge interest from city businesses to collectively purchase renewable electricity (e.g. through a power purchase agreement or other platform).
 - 8.2. A feasibility study to certify UPark as a carbon neutral service has been completed and identifies approximately 18,000 tonnes of carbon emissions would need to be offset annually.
 - 8.3. Additional greening is being delivered in 2022/2023 through the allocation of \$1 million of greening and work has commenced to develop a new Urban Greening Strategy and implement.
 - 8.4. City of Adelaide is leading a project for 30 local government areas to investigate opportunities for local government to generate carbon offsets within South Australia.
 - 8.5. An investigation has commenced to identify key sector growth areas and the unique advantage for the green economy opportunities in the City of Adelaide and will inform Council's approach to economic policy.

Climate Actions 2023/2024

9. The following actions contained in the draft Climate Action Plan 2022-2025 are proposed as priorities for implementation in 2023/2024:

- 9.1. Implement a program to support electrification of new and existing commercial buildings within the city.
- 9.2. Install an additional 100 public electric vehicle and bicycle chargers between 2022–2025 in collaboration with partners.
- 9.3. Investigate opportunities to install a community battery or facilitate a community energy project.
- 9.4. Investigate low carbon, green precinct options in collaboration with university partners.
- 9.5. Revise the community emissions target with emission reduction pathways mapped.
- 9.6. Integrate at least 75% electric vehicles into the City of Adelaide light passenger vehicle fleet by 2025 as cost effective and fit-for-purpose models become available, as a Foundation Partner of the SA Electric Vehicle Fleet Pledge.
- 9.7. Convert all remaining city streetlights to efficient LED.

Consultation on draft Climate Action Plan 2022 - 2025

10. Community engagement on the Climate Action Plan has been undertaken in two phases as described below.
11. Phase 1 was undertaken in February and March 2022 and involved extensive community and key stakeholder engagement to inform the development of the draft Climate Action Plan. This was presented to Council on [19 April 2022](#) and [12 July 2022](#).
12. Phase 2 was undertaken from 31 October to 11 December 2022 and involved concurrent release of the draft Climate Action Plan and Climate Policy for consultation, building on the wide variety of commentary and ideas provided from Phase 1.
 - 12.1. The draft Action Plan was a six-page document, that presented 29 actions under four themes: 1. An Electrified City, 2. A Mobile Population, 3. A Green and Resilient Community, and 4. A Leading Council. Sixty participants in the consultation completed a survey, and of these respondents 40 provided at least one written comment.
 - 12.2. General feedback on the draft Action Plan included calls for stronger ambition and targets, metrics for achievement, a pathway to net zero emissions, and for City of Adelaide to remain a leader in climate action.
 - 12.3. A minority of feedback raised concern that climate science is not legitimate, or a hoax.
 - 12.4. A detailed Engagement Report is included as Link 3 view [here](#).
13. A presentation on the engagement approach was provided to the City Planning, Development and Business Affairs Committee on [4 April 2023](#).
 - 13.1. Committee feedback included a request to see more of the background research and data that informs climate decision-making, greater differentiation between actions to address Council and community emissions, acknowledging the limitations of Council impact on community emissions, and that climate change considerations should be integrated throughout all Council business.
 - 13.2. Target setting was discussed in detail, and the need for new targets to include costings of actions required to achieve them. New targets will be presented with the forthcoming Climate Policy and be developed using international best practice through the Science Based Targets Initiative.

Amendments to draft Climate Action Plan 2022 - 2025

14. The draft Climate Action Plan has been amended post engagement activities to:
 - 14.1. Provide additional context in the introductory sections, including narrative about climate risk and governance, complementary Council strategies, Council incentive and grant opportunities, carbon offsets (quantum and approach), rapid changes to the SA electricity grid, and existing programs such as the [Carbon Neutral Partners program](#).
 - 14.2. Simplify terminology and define key terms, such as carbon offsets, scope 1, 2 and 3 emissions.
 - 14.3. Include more information about Council and community emissions, including research and data that has informed decision making.
 - 14.4. Quantify achievements to date, include more Council achievements.
 - 14.5. Commit to incorporated climate action throughout Council business.
 - 14.6. Differentiate between actions that reduce Council's own emissions and actions that support mitigation of community emissions.

- 14.7. Update specific actions, such as clarifying the scope and timing of the transport actions, and support for active transport
- 14.8. Indicate that the next climate change strategy will include mapped community emission reduction pathways to net zero.

Next Steps

15. The next steps include:
 - 15.1. Pending Council decision, the draft Climate Action Plan 2022-2025 will be finalised and publicly released.
 - 15.2. In 2023/2024:
 - 15.2.1. Further work will be undertaken on the draft Climate Policy (with a focus on targets) to align with the corporate review of the Policy Framework.
 - 15.2.2. Planning will commence for review of the City of Adelaide Carbon Neutral Strategy 2015-2025.
 - 15.3. By 2025 a future roadmap will be developed to achieve targets in Council's Climate Policy and respond to an updated Strategy.

DATA AND SUPPORTING INFORMATION

Link 1 – Index of City of Adelaide Background Climate Information and Commitments

Link 2 – Update on Priority Climate Actions 2022/2023

Link 3 – Climate Engagement Report 2022

ATTACHMENTS

Attachment A – Climate Action Plan 2022 - 2025

- END OF REPORT -



Climate Action Plan 2022–2025



**Adelaide.
Designed for Life.**

City of Adelaide

25 Pirie Street
Adelaide SA 5000

P 08 8208 7203

W cityofadelaide.com.au

Acknowledgement of Country

City of Adelaide tampendi, ngadlu Kurna yertangga banbabanbalyarnendi (inbarendi). Kurna meyunna yaitya mattanya Womma Tarndanyako. Parnako yailtya, parnuko tappa purruna, parnuko yerta ngadlu tampendi. Yellaka Kurna meyunna itto yailtya, tappa purruna, yerta kuma burro martendi, burro warriappendi, burro tangka martulyaiendi. Kumarta yaitya miyurna iyangka yalaka ngadlu tampinhi.

City of Adelaide acknowledges the traditional Country of the Kurna people of the Adelaide Plains and pays respect to Elders past and present. We recognise and respect their cultural heritage, beliefs and relationship with the land. We acknowledge that they are of continuing importance to the Kurna people living today. And we also extend that respect to other Aboriginal Language Groups and other First Nations.

Introduction

Climate change poses a serious risk to the people of Adelaide, and the world. Adelaide has been bold in its ambition to address the underlying causes, and now is the time to accelerate those actions. The world's best climate science released in 2022 is unequivocal that climate change is underway and that humans must drastically reduce greenhouse gas emissions to avoid the worst impacts.

Cities have a crucial role to play – both as significant contributors to climate change as well as being home to communities that will have to manage their impacts. The impacts of climate change are being felt in the number of extreme heat days.

We are taking a leadership position in addressing climate change, including through carbon neutral certification of our operations since 2019/20.

To develop this Action Plan, we had hundreds of conversations with community members and experts to determine priorities for action. We also recognise, support and champion their achievements.

We are focused on what we can do now to continue to drive down our carbon footprint and ways we can mitigate climate impacts for our residents and visitors. As a mid-sized urban centre, there is so much opportunity presented by the low carbon future in a future facing, green and electrified city.

Climate change is an issue that affects us all and we can all play our part in its solutions.



Background

We are committed to leading by example to address the climate challenge and have an ambition to be one of the world’s first carbon neutral cities.

The Carbon Neutral Strategy 2015–2025 (the Strategy) was developed to direct actions to reduce the climate impact of City of Adelaide operations and its community, and to use our leadership position to drive wider change.

This Action Plan covers the last three years of the Strategy and outlines the immediate actions to build upon previous successes, develop foundations for the next ten-year strategy, and accelerate climate action within our own operations and the community.

The Action Plan will operate in parallel to the:

- Climate Change Risk Adaptation Action Plan 2021–2026
- Resource Recovery Strategy (Organics Recycling and Waste) 2020–2028
- Water Sensitive City Action Plan 2021–2025
- Adelaide Park Lands Management Strategy 2015–2025

The successful Sustainability Incentives Scheme and Carbon Neutral Adelaide Partners programs have been expanded with funding support for educational and catalysing activities.

The Sustainability Incentives Scheme has invested over \$1.5 million to support over 700 community projects since 2015, including nearly 400 solar installations.

The Carbon Neutral Adelaide Partners program has over 200 organisations actively participating in the transition to a low carbon economy, providing services and pursuing business decarbonisation.

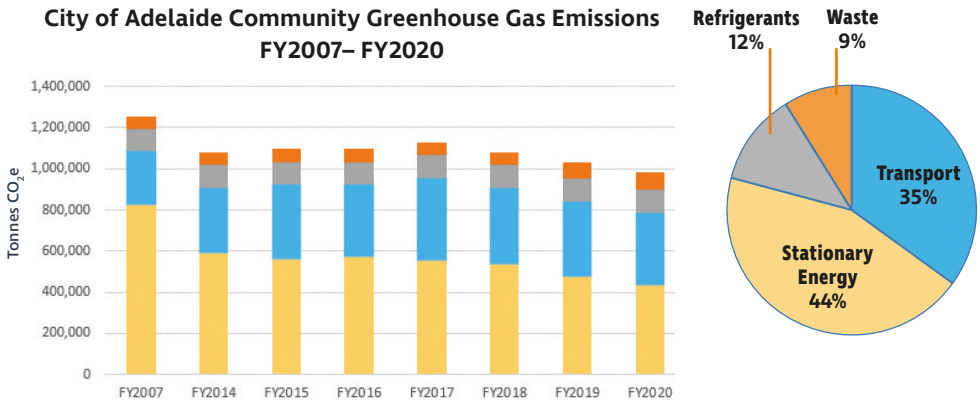
Climate Risk

In addition to the risks posed by the changing climate, there are also business risks and opportunities created by the global and local response to climate change. For the corporate sector, transition risks refer to a failure to move in step with a decarbonising world. Globally recognised frameworks such as the Taskforce for Climate-related Financial Disclosures (TCFD) now exist to address transition risk and capture opportunities. In a local government sector, considering climate risk means considering a range of future scenarios that could have impact on assets or infrastructure, including dependency of fossil fuels.

The risk to the City of Adelaide’s operations from the changing climate are addressed through a Climate Risk Adaptation Action Plan 2021–2026, which reports to the Council Audit and Risk Committee.

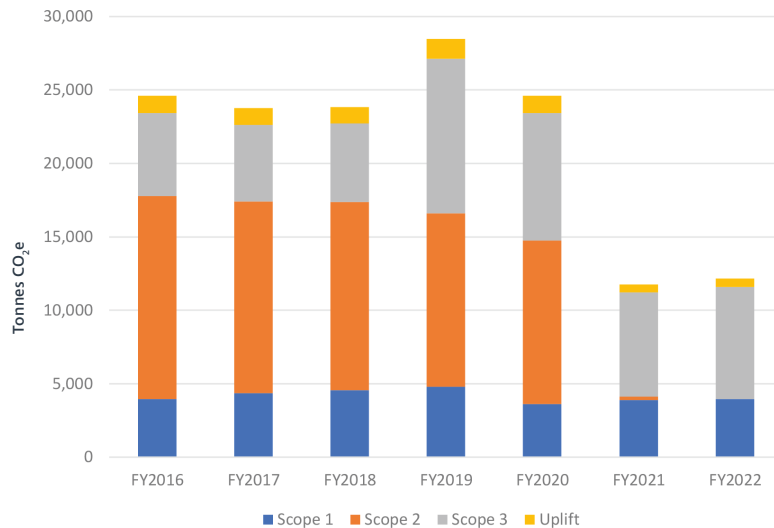
City of Adelaide’s Community Emissions Profile

The City of Adelaide’s community emissions have reduced by twenty one percent (21%) between 2007 and 2020.



City of Adelaide's Corporate Emissions Profile

City of Adelaide Corporate Carbon Emissions
FY2016– FY2022



Emissions Scopes

Carbon emission accounting is typically divided into three 'Scopes', or categories of emissions:

- Scope 1 are emissions directly produced from the organisation's activities, such as through vehicle exhaust or using natural gas.
- Scope 2 are indirect emissions from electricity purchased from a grid. The City of Adelaide has removed its Scope 2 emissions by entering a 100% renewable electricity power purchase agreement in 2020.
- Scope 3 are all other indirect emissions that are not directly produced by the organisation but are generated on its behalf through its supply chain, business travel, waste management, etc.
- The City of Adelaide also includes an 'uplift' factor of 5% to conservatively account for negligible emission sources and accounting uncertainties.

Progress Snapshot

Within the community

More than 15 MW of solar capacity installed, quadrupled since 2016

65% renewable electricity in the grid

Over 54 public electric vehicle chargers

Over 200 Carbon Neutral Adelaide partners

Over 700 community projects supported by \$1.5 million Council investment from the Sustainability Incentives Scheme

50 small business received free energy efficiency audits in 2021

23 small businesses received over \$81,000 towards efficiency upgrades

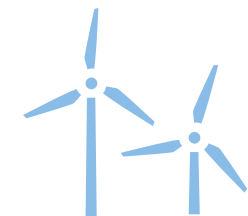
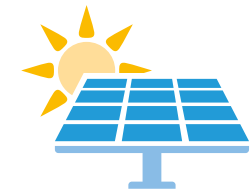
Within Council

100% renewable electricity contract providing equivalent electricity use of around 3,800 homes

Over half of Council's light passenger vehicles are fully electric and the fleet also includes an electric truck

1.1 MW of solar power providing electricity equivalent to over 300 homes, or 12% of Council building demand

Recognised as a global climate leader through CDP reporting



What we heard

In 2022 we consulted widely across our communities to understand what climate actions were already being undertaken by businesses and residents and to gather feedback on new ideas.

The community told us they want action on creating an all-electric and resource efficient city; increasing the options for and availability of active and public transport; support for businesses and residents to understand and reduce their climate impact; and greening the city and increasing resilience to the changing climate. These areas have been reflected in our Action Plan.

We had input from over 400 community members in the first phase on consultation through:

- 11 community workshops with 101 participants
- 7 staff workshops with 89 participants
- 182 community contributions to our Your Say Adelaide discussion board
- 44 responses to a community survey

Once the Action Plan was drafted, we conducted a second phase of consultation through community surveys and 60 community members provided feedback and further input.

An electrified city

The electricity and gas consumed by buildings contributes around 44% of the community's carbon footprint in our local government area and there is and there is significant potential for carbon savings by running all-electric buildings on South Australia's world-leading renewable electricity grid. The State Government has committed to a fully decarbonised grid by 2030 and is likely to beat this deadline. City of Adelaide seeks to make the most of this grid transition through 'electrification', which involves converting all energy sources – whether in buildings or vehicles – to electricity.

A community battery or energy project could help to capitalise on our green grid and support more affordable electricity, grid stability, and equitable sharing of renewable resources. A renewables group-buy for businesses could reduce their price rise exposure, drive new generation commitments and reduce emissions.

For City of Adelaide operations, conversion of the remaining 80% of our street lights to efficient LEDs will reduce electricity use and cost.

Actions

Community

- 1.1 Facilitate a mechanism for city businesses to collectively purchase renewable electricity (such as through a power purchase agreement or other platform).
- 1.2 Investigate opportunities to install a community battery or facilitate a community energy project.
- 1.3 Implement a program to support electrification of new and existing commercial buildings within the city.
- 1.4 Support strata corporations to implement low carbon solutions, including shared solar and EV charging opportunities.

Council

- 1.5 Convert all remaining city streetlights to efficient LED.



A mobile population

Transport emissions account for around 35% of the City of Adelaide community's carbon footprint. Movement of people to and around the city is essential for economic activity and vibrancy, and the City of Adelaide seeks to realise opportunities for low carbon, safe and equitable options for all.

The best outcome for decarbonisation is to create healthier streets and enable more people to walk/wheel, cycle and scoot, and use public transport.

Increasing the range and uptake of low carbon transport options in the city and implementing the upcoming Integrated Transport Strategy is essential to meeting community expectations. Developing a green transit boulevard and trialling micro-mobility devices in city cycle paths will support more inclusive, safe and healthier modes.

For Adelaide, accelerating the shift to electric vehicles offers an opportunity for both improving local air quality and reducing noise and carbon emissions for global impact. This transition will be supported by the installation of 100 new public electric vehicle chargers and a carbon neutral UPark service to reduce carbon impact while electric vehicle price parity and a second hand market is developing.

Actions

Community

- 2.1 Work with the State Government to develop Currie/Grenfell Street as a green transit boulevard that prioritises public and active travel.
- 2.2 Foster the uptake of electric or active micro-mobility devices (e.g. bicycles, scooters and motorised mobility devices) and advocate to the State Government to provide for the safe use of e-scooters on city streets.
- 2.3 Install new bicycle counting loops to determine baselines for bicycle use in the city and inform planning of new infrastructure.
- 2.4 Install an additional 100 public electric vehicle and bicycle chargers between 2022–2025 in collaboration with partners.
- 2.5 Certify UParks as a carbon neutral service to cover customer emissions driving to our and from our carparks, while supporting our community's transition to electric vehicles.
- 2.6 Advocate to the State Government for zero emissions public transport and increased incentives to use it.

Council

- 2.7 Review and update the City of Adelaide car-sharing (i.e. short term rental) policy.
- 2.8 Integrate at least 75% electric vehicles into the City of Adelaide light passenger vehicle fleet by 2025 as cost effective and fit-for-purpose models become available, as a Foundation Partner of the SA Electric Vehicle Fleet Pledge.



A green and resilient community

Greening in the city helps make streets more comfortable for pedestrians by reducing the 'urban heat island effect', and creates micro-climates so buildings use less energy for cooling, in turn reducing emissions. The opportunity for low carbon green precincts will be investigated to guide urban development and investment decisions and advocacy on sustainable development will be strengthened.

Collaboration on carbon offset pathways with strong local benefits will occur and the voices of our Traditional Owners and the city's youth will be elevated.

Actions

Community

- 3.1 Develop a new Urban Greening Strategy which identifies priority areas for greening and increases canopy cover in the city.
- 3.2 Continue a program of outreach and education with the community and also seek to represent the voices of key community members, such as young people and traditional owners.
- 3.3 Investigate low carbon, green precinct options in collaboration with university partners.
- 3.4 Advocate to the State and Federal Governments for higher minimum building energy efficiency standards, sustainable development design, increased disclosure, and to introduce planning mechanisms which encourage rapid reduction of carbon emissions.

Council

- 3.5 Lead an investigation into generating carbon offsets within South Australia, in collaboration with other SA councils.



A Leading Council

Our role in leading by doing cannot be underestimated. We aim to inspire others and share what we learn. Our leadership actions include raising the bar on sustainability requirements for property and infrastructure, as well as moving beyond our own operational carbon neutrality and setting science-based targets for our community. We will also identify and showcase opportunities to nurture a green economy, and continually improve our operations to lead by example with low-carbon best practice.

Increasing focus on carbon embodied in the materials of the built environment is vital and we are committed to work on this as part of City of Adelaide asset planning and capital works projects.

Actions

Community

- 4.1 Revise the community emissions target, with emission reduction pathways mapped.
- 4.2 Identify key sector growth areas and the unique advantage for the green economy opportunities in the City of Adelaide.

Council

- 4.3 Any major developments (>\$10 million capital costs) on Council land are all-electric and achieve minimum 5 Star Green Star ratings.
- 4.4 Develop minimum Environmentally Sustainable Development (ESD) requirements for Council and owned, operated and leased property and infrastructure.
- 4.5 Develop a governance framework for implementation of the Climate Action Plan.
- 4.6 Integrate sustainability requirements into project management tools and Council reporting frameworks.
- 4.7 Integrate embodied carbon as a consideration in City of Adelaide asset planning and improve carbon accounting for capital works projects.
- 4.8 Develop and measure performance against sustainable procurement metrics.

