

# Sustainability Strategy

City Renewal Authority

November 2018



**ACT**  
Government

**CITY  
RENEWAL  
AUTHORITY**



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# Our vision

The City Renewal Authority is leading the transformational long-term urban renewal program for the centre of Canberra.



**Our vision is to create a world-class, competitive city that sets new standards in city living for liveability, urban design, sustainability and resilience.**

In partnership with the community, we aim to create a vibrant city heart through the delivery of design-led urban renewal with a focus on social and environmental sustainability. We are committed to excellence and innovation and creating places that are vibrant, regenerative and that nurture social connectedness.

This strategy sets out our expectations for social, environmental and economic sustainability outcomes in the Precinct with a focus on:

- Climate-wise design
- Social and economic Vibrancy
- Sustainable use of resources
- Enhanced active travel



This strategy will help us deliver on the ACT's ambitious social and environmental goals. It will be reviewed and adjusted as technology and policy progresses, regulatory updates take place and through ongoing engagement with stakeholders.

We will lead by example in areas we control and will play an influential role by calling for strong collaboration from government, the private sector and the community.

We live in a unique place with a committed and engaged community. We have a responsibility to ensure that urban renewal leaves a legacy of sustainable places for our future generations. It is important that our bush capital and garden city character is reflected and enhanced in developments as the city grows and evolves.

**Our goal is to create thriving, lively mixed-use neighbourhoods that have a distinct identity and character, and foster social connectedness and cohesion.**

The City Renewal Authority believes that best practice design is fundamental to achieving sustainable development. With liveability and sustainability as overarching outcomes in all our programs, we proactively lead contemporary thinking and its conversion into action.

This is achieved through evidence-based practice to ensure design excellence in transforming the urban quality of the city, ensuring it is recognised as the national urban benchmark.

### Snapshot of our targets:

	Today (2018*)	2025
Energy - new residential	6 star NatHERS	8 star NatHERS
Waste	Food organics make up 37% of waste to landfill (2015)	Significant decrease ratio of organics in waste to landfill
Green space	19% tree canopy cover	30% tree canopy cover
Water	40% reduced potable demand (2003)	>50% reduced potable demand (2003)
Greenhouse gas emissions (ACT-wide target)	On track to achieve 40% reduction (on 1990) by 2020	50-60% reduction on 1990
Active Travel	Various 60-90 walkability score 25% of trips by active travel	90+ walkability score 40% of trips by active travel

*\*where a reported figure is not yet available this has been estimated*







# Our sustainability goals

Canberra aims to become a world-class capital city that has people and sustainability at its core. The City Renewal Authority is charged with championing contemporary urban renewal that is design-led, people-focused and sustainable.

This strategy will aid the authority to:

- respond to the ACT community's high expectations for sustainability in the built environment;
- deliver on our city's ambitious, globally-recognised climate change leadership goal of net zero emissions by 2045, which supports the international Paris Climate Agreement and more broadly the United Nations Sustainable Development Goals;
- deliver best practice social sustainability through city renewal that provides welcoming, inclusive public and private spaces that value social connectedness, community health and wellbeing and connecting people with nature;
- deliver on legislated obligations (environmentally and socially sustainable development, innovative buildings and public realm and supporting greenhouse gas targets); and
- operate in a financially responsible manner that delivers value for money across the triple bottom line - social, environmental and economic.

Applying this strategy will be mandatory for our projects.









# Who is this strategy for?

**We will lead by example in areas we control and will play an influential role by calling for strong collaboration from government, the private sector and the community.**



## Government

The City Renewal Authority will work within government to facilitate positive outcomes that support, encourage and require sustainable development.

Some of the actions in this strategy will catalyse longer-term planning or regulatory measures, other actions will form part of the minimum requirements for our forward land release program (starting 2019/20). We will also collaborate to establish incentives or mechanisms that help drive sustainable development.



## Business and industry

The development industry is encouraged to join the City Renewal Authority on its path to best practice sustainable development by adopting the goals and targets identified in this strategy.

These targets and measures can be practically achieved by taking a 'people-first' approach to building and precinct design and by utilising an industry recognised community rating tool, like Green Star Communities or One Planet Living, targeting Australian best practice or better.



## Community residents & workers

On this sustainability journey, the community is encouraged to discover and enjoy the benefits of sustainable places, buildings and precincts and to encourage developers and owners to implement beneficial performance measures in their developments.

Welcoming, inclusive public spaces help nurture social connectedness and support active, healthy communities – ensuring equity and providing benefits to everyone.

# Our approach

To co-ordinate world-class urban renewal the City Renewal Authority is embedding six renewal themes for how we think and work - our city is creative, active, a community, sustainable, connected and progressive.

We are committed to positive economic, social and environmentally sustainable outcomes for Canberra. We encourage innovation and industry leadership and adoption of emerging best practices, to help deliver sustainable development across the precinct over time.

Our key role is to facilitate individual effort towards collective precinct and city-wide outcomes.

## **Applicable at all scales - macro to micro**

Here, we have adopted four key principles that can be applied at the city scale with corresponding targets, measured at the precinct scale and/or block and development level. These will be a mandatory requirement for all authority projects and initiatives.

## **Climate-wise design**

Healthy, comfortable places for people and nature, adapted to a changing climate.

## **Social and economic vibrancy**

Diverse, thriving neighbourhoods with a public realm to support social connectedness and community health and wellbeing.

## **Sustainable use of resources**

Highly efficient use of natural resources, capturing and reusing surpluses.

## **Active travel**

Healthy, low-impact active travel infrastructure that enhances walking and cycling experiences and uptake.





Elements	Objectives	Outcomes
<b>Climate-wise design</b> 	Climate resilient, healthy and natural places for people	<ul style="list-style-type: none"> <li>Urban environment is fit for purpose (at least 50 years) and well adapted to climate change (heat waves, heavy rain events, drought).</li> <li>A greener city with abundant living infrastructure - tree cover, native plants and wildlife and green spaces/roofs/community gardens – helps improve local micro climates and minimise the urban heat island effect.</li> </ul>
	Climate positive developments	<ul style="list-style-type: none"> <li>Reduced reliance on fossil fuels.</li> <li>Increased number of developments targeting carbon neutral or best practice sustainability performance rating.</li> </ul>
	Prioritise health and comfort	<ul style="list-style-type: none"> <li>Buildings have high thermal integrity (both summer and winter) with adequate ventilation.</li> <li>Buildings and welcoming open spaces encourage health and wellbeing and social connectedness.</li> </ul>
<b>Social and economic vibrancy</b> 	Diversity and affordability	<ul style="list-style-type: none"> <li>Access to a full range of dwelling sizes.</li> <li>Access to affordable housing options.</li> </ul>
	People-centred urban design and liveability	<ul style="list-style-type: none"> <li>Developments designed to encourage social interaction of residents.</li> <li>Inclusive, accessible facilities available to meet local needs, including access to fresh food.</li> <li>Activated streets and green spaces.</li> </ul>
	Appropriate height and density for thriving neighbourhoods	<ul style="list-style-type: none"> <li>Thriving commercial and social enterprises.</li> <li>Public transport is well patronised.</li> <li>Flexible mechanism to enable design excellence and innovation.</li> </ul>
<b>Sustainable use of resources</b> 	Highly efficient use of resources	<ul style="list-style-type: none"> <li>Energy and water efficiency maximised.</li> <li>Passive solar design principles employed including solar gain for space and water heating, shading for summer cooling.</li> </ul>
	Capture and beneficial re-use of finite resources	<ul style="list-style-type: none"> <li>'Garden city' character is enhanced, supported by best practice water sensitive urban design.</li> <li>Waste minimisation, recycling and reuse is supported in precincts with a focus on diversion of organics from landfill.</li> </ul>
	Adaptive re-use of structures	<ul style="list-style-type: none"> <li>Existing buildings, structures and landscapes are adapted and reused where appropriate to help create a sense of place and reduce emissions embodied in construction.</li> </ul>
<b>Enhanced active travel</b> 	Active and public transport	<ul style="list-style-type: none"> <li>Improved quality, design and connectivity of the public and private realm to encourage walking, cycling and public transport as a first choice.</li> <li>Increased use of public transport, cycling and walking. Reduced share of short-distance trips by car.</li> </ul>
	Innovative solutions to car parking	<ul style="list-style-type: none"> <li>Car parking delinked from apartment sales.</li> <li>Sustainable vehicles prioritised: car share and electric vehicles (EV) and planning for autonomous vehicles.</li> </ul>

# Our principles



## Climate-wise design

Healthy, comfortable places for people and nature, adapted to a changing climate.



## Social and economic vibrancy

Diverse, thriving neighbourhoods that value the public realm.



## Sustainable use of resources

Highly efficient use of natural resources, capturing and reusing surpluses.



## Active travel

Healthy, low-impact active travel infrastructure that encourages walking and cycling.



# What mechanisms will we pursue to achieve outcomes?

## Review

This strategy will be reviewed and adjusted as technology progresses, key ACT Government policy reviews (planning, climate change and transport) and related regulatory reforms take place. A formal review of this strategy is scheduled for 2020.

## City Renewal Authority work program

- We will specify these sustainability criteria via a range of land release levers – such as conditions in deeds and contracts. We will adopt third-party verification of sustainability performance via an industry recognised rating tool – targeting Australian best practice, such as *Green Star Communities*.
- We will embed and implement these sustainability measures in our capital works program and other activities and projects and collaborate within government on ACT-wide programs and incentives to increase social and environmental sustainability within the precinct (for example urban trees, verge upgrades, innovative financing).

## Planning & Regulatory

- As a mandatory referral entity for all developments in the precinct we are required to influence developments through the development process from pre-application engagement to development application reviews and construction.
- Major projects that are channelled through the National Capital Design Review Panel will be expected to demonstrate sustainability relevant to authority targets.
- Sustainability criteria and input to proposed changes to planning controls as indicated in the City and Gateway Draft Framework, such as the proposed City Precinct Code, urban design guides and other relevant review processes.
- Collaborate on opportunities for greater flexibility in the planning process for instances where sustainability and public benefits are clearly demonstrated (examples may be height limits, plot ratio bonuses). Flexible approach to link a development's investment/offset to the surrounding public realm benefit, sustainable transport (bike parking, charging) or green space.
- Explore legislative changes to enable and encourage separate strata or other forms of title for car parking spaces.

## Collaborating within government on initiatives that enhance & encourage sustainable development

- Providing input to inform and potentially expand the use and design of levers such as the Lease Variation Charge Sustainability remission, for best practice outcomes.
- Fostering innovation and best practice through demonstration projects, training and capacity building activities for both government and industry and the development of best practice guides – across waste, urban renewal, public domain design and transport.
- Maintain close collaboration with Suburban Land Agency on sustainable land development and demonstration opportunities.
- Ensure that development takes a people-first approach and delivers best practice social sustainability.

# Climate-wise design

Healthy, comfortable places for people and nature, that are future-ready and adapted to a changing climate.

## Strategic intent

We will encourage the greening of public and private space to make the city more comfortable and natural, and to help people to connect with nature.



We will work co-operatively with developers, planning and other arms of government to deliver healthy, comfortable places for people and nature, adapted to a changing climate. We will encourage developers to set high but cost-effective sustainability performance standards, and we will work within government to embed targets within regulations and planning practices aligned with this strategy.

**We will encourage new technologies and foster a culture of innovation and best practice in building and public space design.**

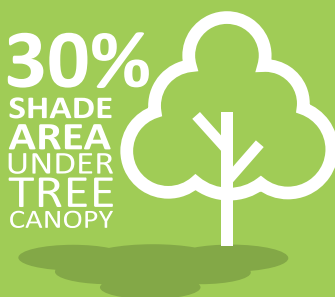
We will create a legacy of climate-wise buildings and spaces that are fit for purpose and adapted to the climate of today and the future.

## Climate resilience

### Outcomes

- The urban environment is adapted and less vulnerable to a variable climate (more extreme events like heatwaves, storms and flash floods).
- Urban heat is reduced by cooling from abundant vegetation on and around buildings to improve local microclimates and foster social cohesion – trees, shrubs and grasses in accessible open spaces – and materials that reduce heat absorption.
- Living infrastructure provides environmental services, like fresh air and clean water, and wildlife habitat connectivity.

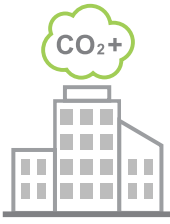
### 2025 Target



- **Retain 30% open space across the precinct.**
- **Limit urban heat islands to no higher than 1 degree above 2017 average across precinct.**
- **Provide an increasing presence of appropriate (native and deciduous) species across the precinct.**

### 2020 priority actions

- Establish a Precinct Data Map to inform reporting indicators and set priorities: tree canopy, public realm, green space, biodiversity, water quality.
- Conduct an audit of open public space to inform delivery of a program to enhance open space (trees, water bodies, plants used in designs and uptake of low heat absorbing materials).
- Measure land surface temperature of priority areas on an appropriate basis (depending on budget).
- Collaborate within government to develop a precinct layer for the interactive Canberra Nature Map.
- Ensure our public spaces enable people to connect with nature.



## Carbon positive development

### Outcomes

- Reduced reliance on fossil fuels.
- Increased number of developments targeting formal carbon neutral or Australian best practice sustainable performance rating.

### 2025 Target

- **25% of developments target Australian best practice sustainability rating and/or carbon neutrality.**
- **50% of developments employ future ready initiatives (ie onsite EV charging, avoid natural gas).**
- **Authority development projects target Australian best practice sustainability ratings and/or carbon neutrality.**

### 2020 priority actions

- Promote low-carbon precinct design and practice (avoiding fossil fuels like natural gas, installation of renewable electricity generation capacitors, on-site electric vehicle charging). Mandate zero emission and national best practice sustainability target for City Renewal Authority land releases.
- Establish reporting of significant construction greenhouse gas emission sources (concrete, truck fuels, steel) from capital works.



## Healthy comfortable buildings and surrounds

### Outcomes

- Buildings have high thermal integrity with adequate ventilation.
- Buildings and welcoming open spaces encourage health and wellbeing, nurture social connectedness and a sense of community.
- Buildings are fit for purpose in the climate of the present and future across the lifespan of the building (resilient to extreme events).
- New and revitalised public spaces will be vibrant gathering places. Authority projects foster healthy built environment objectives of getting active, socialising and eating well through designed infrastructure.

### 2025 Target

- **Code+1 Star envelopes, with separate heating and cooling caps for year-round comfort (2019 residential target of 8 star NatHERS).**
- **100% of revitalised public space with active edges and innovative, adaptable infrastructure that supports people to get active and connect with others.**

### 2020 priority actions

- Encourage industry transition to improve energy performance via 'Code+1 Star' approach.
- Healthy, natural buildings enabling beneficial surrounding microclimates for all new developments.
- Influence for the built form to support vibrant activations and public space through upgrades designed for community wellbeing and social connectedness on all new developments.
- Facilitate the adoption of climate-wise buildings guidelines from 2019.
- Develop and monitor reporting indicators for revitalised public-open-space activation and use - aligned with our place making and city activation work.



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# Social and economic vibrancy

Diverse, thriving neighbourhoods that have the critical mass for social and economic sustainability and that value their high-quality public spaces.

## Strategic intent

We will manage the urban renewal program to ensure diverse, thriving and highly liveable neighbourhoods that put people first and have distinct characters. We will encourage mixed-use developments that apply a 'place' approach and

have ready access to community and commercial services. We will encourage diverse and affordable housing choices, and flexible approaches to the built form that clearly demonstrate community benefits like liveability and sustainability.

We will collaborate to foster an urban culture that showcases Canberra's produce and connects people with fresh food and the natural environment.



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## Diversity and affordability

### Outcomes

- The community has access to a full range of dwelling types in a range of locations, to encourage family living, aging in home, and accessible housing.
- The community has access to affordable housing options, particularly for low-income households.

### 2025 Targets

- Apartments provide a maximum of 40% of any one type of dwelling (1, 2, or 3+ bedroom) with provision of at least 20% of apartments that are 3+ bedroom.
- Legislated affordable, public and community housing targets are achieved or exceeded.

### 2020 priority actions

- Capture and publish data on the mix of dwelling sizes across the precinct and establish targets for housing mix.
- Develop a precinct map to capture relevant diversity information such as demographics and new dwelling typologies.
- Demonstrate innovative approaches to housing in the precinct.
- Implement *Housing Affordability Strategy*.



## People-centred urban design and liveability

### Outcomes

- Developments designed to encourage social interaction of residents by providing welcoming communal and public open space.
- Innovative approaches to mixed-use developments, with an appropriate mix of commercial, community and residential spaces.
- Inclusive, accessible facilities available to meet local needs, including access to healthy fresh food.
- Activated streets and green spaces.

### 2025 Target

- **Access to community and basic commercial services within an easy walk (10 minutes).**
- **Walk Score of 90+ (precinct-wide target). Mixed-use developments promoted in areas with low score.**
- **75% of street-facing facades permeable.**
- **Community safety promoted with smart and appropriate LED street and public lighting in more than 50% of the precinct.**
- **Increase in communal and public open space (20% of site area for developments with more than 30 apartments), including productive gardens/trees.**

### 2020 priority actions

- Develop a precinct map to measure mix of land use, diversity of dwellings, produce gardens, amount of communal space and walk scores across the precinct.
- Ensure all new developments advocate for and demonstrate people-focused design and access to communal space, commercial and community services.
- Work within government to deliver adequate, smart street and public lighting to support safe active travel at night.
- Facilitate delivery of exemplar mixed-use developments. Provide spaces for community use in majority of our development areas.
- Implement associated strategies for public realm and infrastructure design, urban art and city activation to increase vibrancy and the quality of public life.



## Appropriate height and density

### Outcomes

- Vibrant business environment, thriving commercial and social enterprises and active streets.
- Public transport is well patronised – at least 20% of journeys to work in the precinct by public transport.
- Flexible mechanism to enable design excellence and development innovation for people-focused outcomes. For example, height can improve solar access for occupants and reduce a building's footprint, creating more green space.

### 2025 Targets

- **Developments utilise opportunities or incentives where there are clear design excellence, sustainability and public benefits.**
- **Increased footfall and time spent in the precinct.**

### 2020 priority actions

- Establish five demonstration sites where public benefits have been achieved by a development.
- Advocate for incentives that allow a degree of flexibility where appropriate (height or density limits, plot ratio bonuses) to achieve desired liveability and sustainability outcomes on all developments.
- Develop a reporting indicator to monitor thriving commercial and social enterprises, aligned with our place making and city activation work.

# Sustainable use of resources

Highly efficient use of natural resources, capturing and reusing surpluses, and adapting structures to new uses over time.

## Strategic intent

We will encourage highly efficient use of natural resources throughout the City Renewal Precinct, with a focus on outcomes that are cost-effective from the community's perspective.



Commercial buildings will be encouraged to strive for exemplary energy efficiency and to be designed for adaptive reuse at the end of their (initial) economic lives. Natural resource flows, including stormwater, will be captured and beneficially used to help sustain living infrastructure.

We will encourage waste minimisation and beneficial re-use of waste streams in the local economy, for both construction phase and for the operations of the building or precinct.

**All developments will feature water sensitive urban design to slow down, capture and filter valuable stormwater.**

## Highly efficient resource use

### Outcomes

- Energy efficiency maximised to the degree that is cost-effective.
- Water efficiency maximised to the degree that is cost-effective.
- Passive solar design principles are employed including solar gain for space and water heating, shading for summer cooling, controlled ventilation.

### 2025 Target

- **Non-residential energy performance requirements 25% better than code (equivalent to ½ star NABERS).**
- **5-Star+ or best-in-class energy and water efficient fittings and appliances specified for all developments.**
- **Developments set a target to reduce potable water demand by 50% or more (compared to 2003).**

### 2020 priority actions

- Lead collaboration in government to pilot an innovative finance program for sustainable developments (new and existing buildings).
- Develop a precinct map to track energy and water consumption data across the precinct.
- Deliver an engagement program to promote and demonstrate best practice sustainable buildings to the community and industry.
- Facilitate transition by industry to exemplary water consumption targets that exceed code (by at least 10%).





## Capture and beneficial re-use of finite resources

### Outcomes

- Garden city character is enhanced, supported by best practice water sensitive urban design.
- Consumption of potable drinking water is reduced and stormwater reuse is increased.
- Water quality is improved through water sensitive urban design.
- Waste minimisation, recycling and reuse is supported with a focus on extracting maximum value from waste and the diversion of organics from landfill.



### 2025 Target

- 60% of the precinct embraces water permeability or water-capturing surfaces.
- Replace 30% of public realm water demand with reuse of stormwater, for non-drinking purposes, including water for green spaces and ecosystems.
- Exceed targets to filter the majority of pollutants from stormwater (suspended solids, gross pollutants etc).
- Waste and recycling management plans for developments target 95% construction resource recovery.
- Increase by 20%, over the 2015 level, onsite capture and use of organics, recyclables and bulky waste.

### 2020 priority actions

- Foster and deliver innovative projects that demonstrate sustainable resource use:
  - Implement exemplar water sensitive urban design (exceed 2018 code) on 80% of new developments - monitor and report water consumption and water quality results.
  - Innovation and future-proofing for stormwater capture and reuse on all new developments.
  - Develop a strategy for use of recycled water where appropriate.
  - Deliver exemplars of waste resource recovery (organics, recyclables, reusable materials) in both construction and operation phases.
- Encourage site-scale energy generation, onsite use and storage.

## Adaptive re-use of structures

### Outcomes

Existing buildings, structures and landscapes are adapted and reused where appropriate to help create a sense of place and reduce emissions embodied in the construction process.

### 2025 Target

New developments within the precinct employ adaptive re-use of existing built form and/or landscapes where applicable.

### 2020 priority actions

- Encourage industry to assess benefits for existing buildings with the aim of 20% of existing structures or landscapes to be adapted, modified and/or reused in preference to demolition.
- Develop and demonstrate adaptive re-use case study designs.

# Enhanced active travel

Healthy, low-impact travel infrastructure that increases sustainability, connectivity and encourages our community to walk, cycle and use public transport.

## Strategic intent

We will encourage the use of walking, cycling and public transport in preference to car trips for shorter journeys.

This will be supported by light rail, improved connectivity between destinations, safe walking and cycling infrastructure, future-proofed infrastructure with greater flexibility in car parking provision. This can also assist in housing affordability and reduced living

expenses and facilitate future-proofed infrastructure that anticipates adapting to future needs.

Global trends towards autonomous vehicles and transport-as-a-service are expected to complement this over time.

## Innovative solutions to car parking

### Outcomes

- Delink car parking from dwelling and unit titles, in order to improve housing affordability and reduce car dependency.
- Delink parking from commercial/retail development to encourage public and active transport.
- Sustainable vehicles prioritised; car share and electric vehicles and planning for autonomous vehicles.
- Advocate for removal of minimum parking requirements (residential).



### 2025 Target

- Progressive reduction in car parking provision at new residential developments, towards a maximum of 0.5 car parks per apartment by 2025.
- Vehicle charging facilities accessible at all new developments.
- All new high-rise development car parks designed for adaptive reuse.

### 2020 priority actions

Advocate for flexibility and innovation in policy and planning controls to enable:

- Delinking car parks from dwellings and commercial, so apartments can be purchased/leased separately for all new developments.
- Implement flexibility for the provision of car parks on a separate site nearby for 10% of new developments.
- Gain approval for parking offsets strategy instead of parking provision (contribute to shared parking structure) for all new developments.
- Develop strategy to encourage car-sharing and transition to future transport trends.



## Active and public transport

### Outcomes

- Improve quality, design and connectivity of the public and private realm to encourage walking, cycling and public transport as a first choice.
- Clean, safe reliable public transport that encourages its use.
- Walking and cycling preferred over car use for short-distance trips.
- Shady and welcoming streets with generous space for people and cyclists.

### 2025 Target

- **Walk Score of 90+**
- **Reduction in the share of short distance trips made by car.**
- **40% of travel to work in the precinct made by active travel:**
  - 10% walking
  - 10% cycling
  - 20% public transport
- **Progressive increase in the number and scale of end-of-trip cycle facilities at workplaces and new developments.**
- **Existing cycle and pedestrian routes to aim for 50% tree canopy shade<sup>1</sup>.**

### 2020 priority actions

- Collaborate within government on a strategy and initiatives to increase the uptake of active travel and smarter car parking modules.
- Develop a precinct map to integrate transit scores (walk, cycle, public transport), travel behaviour data and end-of-trip facilities.
- Develop capital works projects to improve public assets and spaces (roads, paths, parks) for active travel outcomes:
  - Prioritise walking and cycling over driving in the precinct.
  - Install protective bike lanes.
  - Reduce rat-running and slow motor vehicle traffic on local streets.



<sup>1</sup> Measured at 20 years' growth. Aligned to Canberra's Living Infrastructure Plan – a city for all season (DRAFT 2018)







# Useful links

## CLIMATE CHANGE:

[www.environment.act.gov.au/cc](http://www.environment.act.gov.au/cc)

ACT's Climate Strategy to a Net Zero Emissions Territory  
ACT Adaptation Strategy 2016  
Canberra's Living Infrastructure Information Paper  
ACT Electric Vehicle Action Plan

## WATER:

[www.environment.act.gov.au/water/ACT-Healthy-Waterways](http://www.environment.act.gov.au/water/ACT-Healthy-Waterways)

ACT Water Strategy  
ACT Healthy Waterways  
ACT Practice Guide Water Sensitive Urban Design

## PLANNING:

[www.planning.act.gov.au/topics/current\\_projects/studies](http://www.planning.act.gov.au/topics/current_projects/studies)

City and Gateway Urban Design Framework  
National Capital Design Review Panel  
Planning Strategy Refresh 2018/19  
Active Living Principles  
Minister's Statement of Planning Intent, 2015  
Territory Plan (Drafts: WSUD Code, Development Control Code for Best Practice Waste Management in ACT, Bicycle Parking Code).  
National Capital Plan

## HOUSING:

[www.planning.act.gov.au/topics/affordable\\_housing](http://www.planning.act.gov.au/topics/affordable_housing)

ACT Housing Strategy  
Affordable Housing  
Housing Choices  
Demonstration Housing project

## TRANSPORT:

[www.transport.act.gov.au/about/policy](http://www.transport.act.gov.au/about/policy)

Transport for Canberra 2018  
Active Travel Framework  
Building an Integrated Transport Network  
Parking policy 2018

## HEALTH:

<http://health.act.gov.au/healthy-living/population-health>

Healthy Weight Action Plan  
Health Prevention policy

## WASTE:

[www.tccs.act.gov.au/recycling-and-waste/about/waste-management-strategy](http://www.tccs.act.gov.au/recycling-and-waste/about/waste-management-strategy)

Waste Management Strategy 2011-25  
Development Control Code – Waste Best Practice  
Waste & Recycling Management Plans  
ACT Government Sustainable Procurement Policy

## NATURAL ENVIRONMENT:

[www.environment.act.gov.au/cpr](http://www.environment.act.gov.au/cpr)

ACT Nature Conservation Strategy  
Commissioner for Sustainability and the Environment, ACT State of the Environment Report

## Other useful tools and links:

- Low Carbon Living CRC, Guide to Urban Cooling Strategies 2017 [www.lowcarbonlivingcrc.com.au](http://www.lowcarbonlivingcrc.com.au)
- CSIRO Mapping Surface Urban Heat in Canberra 2018 [www.environment.act.gov.au](http://www.environment.act.gov.au)
- ASBEC Building Code Trajectory Project
- ASBEC Low Carbon High Performance report [www.asbec.asn.au](http://www.asbec.asn.au)
- City of Melbourne (and others) Sustainable Design Assessment in the Planning Process and Sustainable Design Scorecard [www.melbourne.vic.gov.au](http://www.melbourne.vic.gov.au)



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