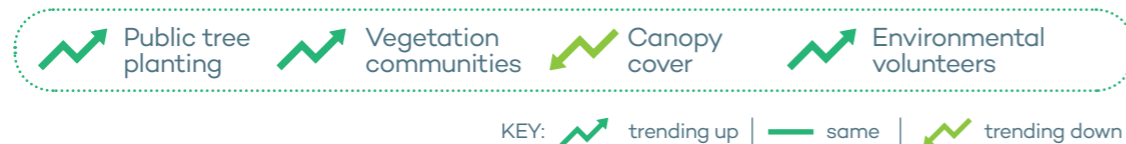


# ENVIRONMENTAL SNAPSHOT

1 JULY 2017 TO 30 JUNE 2021



## Connected to Nature



### Targets and measures

**INCREASE**  
canopy cover from  
**18% to 25%**  
by 2040

**MAINTAIN  
OR IMPROVE**  
native fauna and  
plant species

**MAINTAIN  
OR IMPROVE**  
the number of  
vegetation communities

**Increasing Urban  
Canopy**

#### Key Achievements

- First Urban Tree Canopy Strategy adopted with a target to increase canopy cover from 18%
- Planted 1,906 additional trees in the public domain to supplement our tree planting program
- Provided 265 trees to residents at community giveaways to promote private planting
- Delivered a tree trail from Queen Elizabeth Park to Yaralla Reserve promoting local species.

#### Key Issues

Canopy cover has been in decline with private trees disappearing at a significant rate. There were 215 trees removed in the period from January 2021 to June 2021. To mitigate heat and respond to community values, more trees need to be planted and retained on Council and private land.

**Caring for our  
Waterways**

#### Key Achievements

- The Parramatta River Masterplan, *Duba, Budu, Barra: Ten Steps to a Living River*, launched in 2018 with the goal to make the Parramatta River swimmable by 2025
- Upgraded swim sites along the river at Cabarita Park Beach and Chiswick Baths
- Commenced work on new swim sites at Bayview Park and McIlwaine Park.

#### Key Issues

Continuing work through partnerships with Sydney Water, neighbouring Councils and the Parramatta River Catchment Group to deliver the ten steps of the Parramatta River Masterplan to improve catchment and water quality in the river, and identify and create additional swim sites along the river.

**Improving  
Biodiversity**

#### Key Achievements

- Mind Our Mangroves community education program reduced vandalism by 37%
- Dog Saves Bird program encourages dog owners to keep dogs on leads and away from migratory shorebirds such as Bar-tailed Godwits
- Backyards for Biodiversity project increased native vegetation cover by 1,240 square metres at key riparian zones in Rodd Park and Wangal Reserve
- Distributed 1,705 native seedlings to 319 residents to increase biodiversity
- Bush regeneration at Queen Elizabeth Park, Brays Bay, Brett Park and Shadrack Shaw Reserve, assisting natural re-generation.

#### Key Issues

The area has a number of threatened species and a variety of native flora and fauna such as Sydney Turpentine Ironbark Forest and shorebirds like the Bar-tailed Godwit. Council's role looking forward is to maintain, protect and improve the local habitat with increasing density, competing uses and climate change threatening its existence. Engaging with and educating the community on native flora and fauna is critical to creating sustainability into the future.

**Education and  
Behaviour Change**

#### Key Achievements

- 78% growth in volunteer participation in Bushcare and Love Your Place since programs began
- 14 Love Your Place community clean-up sites adopted throughout the City of Canada Bay
- Almost 4,000 volunteer hours, from Bushcare since 2018
- Backyards for Biodiversity Collaborate page received 239 views
- Dirt Girl and Bug's Life education video series was viewed 15,784 times
- Delivered 36 educational workshops and events attended by 1049 people.

#### Key Focus

Supporting community stewardship and citizen science.

**Collaboration  
and Partnerships**

Partners: Sydney Olympic Park Authority, Bushcare volunteers, Love Your Place volunteers, BirdLife Australia, State Government, local schools, community garden groups, Habitat Network, Local Landcare, Parramatta River Catchment Group.



#### Links to Strategies:

Canada Bay Urban Tree Canopy Strategy | Our Living River Masterplan | Canada Bay Biodiversity Strategy 2019

## ENVIRONMENTAL SNAPSHOT

1 JULY 2017 TO 30 JUNE 2021



### Resilient City



#### Targets and measures

**RESILIENCE TARGETS**  
under development

**5% OF TRIPS**  
by cycling by 2036

**20% OF TRIPS**  
made by walking by 2036

**INCREASE EV CHARGE POINTS**  
in LGA by 2030

**30% INCREASE IN TOTAL KM**  
of cycleways by 2030



### Adapting to Climate Change

#### Key Achievements

- Planted over 1906 trees to reduce urban heat
- Upgraded one kilometre of seawall adjacent to the Bay Run, including revegetation of 570 square meters of coastal saltmarsh species
- Upgraded and repaired the seawall in Five Dock Bay, Menzies Reserve, Utz Reserve, Pelican Reserve, Dunlop Reserve, Battersea Park and Cabarita Park
- Installed a living seawall at Drummoyne wharf
- Powells Creek stormwater channel naturalisation completed with further naturalisation planned
- Planning underway at Iron Cove Creek, Five Dock and St Luke's canal for further naturalisation projects
- Completed the Exile Bay Flood Study and commenced the Powells Creek Catchment Flood Study
- Upgraded Hoskins Reserve for expansion of Rhodes Community Garden
- Completed 5 Senses Garden – an inclusive sensory and community garden.

#### Key Issues

Embedding climate resilience to shocks and stresses such as urban heat, flooding and rising sea levels into Council operations to protect our community, services and infrastructure. Identifying and establishing facilities, both indoor and outdoor, that provide relief from the effects of heat in our community.



### Supporting Active Transport

#### Key Achievements

- Delivered a new cycleway along Broughton Street, forming part of a new route linking Concord to Burwood, and connecting schools, public transport and retail
- Commenced planning on the new East-West Regional Cycleway, connecting Concord Road to the Bay Run
- Accessibility upgrades to bus stops throughout the city
- Participated in planning for the three new stations as part of Metro West
- New shared paths were constructed in Mutton Reserve, and another to link Zoeller Street to Exile Bay
- Cycleway renewal programs were undertaken at Arthur Street, Henley Marine Drive, and the Zoeller Street shared path.

#### Key Issues

As population densities increase, Council needs to focus on improved access to sustainable transport options. Improved cycleways and walkability will assist in easing congestion and provide better health outcomes. Council needs to support the State Government in improving public transport, enabling a transition away from private car ownership.



### Education and Behaviour Change

- Community consultation to help inform location of new cycleways
- Delivered three bicycle maintenance workshops attended by 41 people.

#### Key Focus

Promoting climate resilience and the transition to a more sustainable transport system.



### Collaboration and Partnerships

Partners: Resilient Sydney, Sydney Metro.



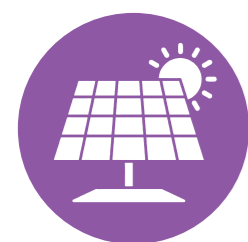
#### Links to Strategies:

Climate Adaptation Plan | Local Strategic Planning Statement | Local Movement Strategy  
Environmental Strategy | Pedestrian Access Mobility Plan | Asset Management Strategies



# ENVIRONMENTAL SNAPSHOT

1 JULY 2017 TO 30 JUNE 2021



## Resource Efficient Community



### Targets and measures

**INCREASE**  
diversion of waste from landfill  
**22% BY 2027**

**REDUCE**  
waste to landfill per person by  
**20% BY 2030**

**REDUCE**  
contamination in our recycling to below  
**10% BY 2025**

**MAINTAIN**  
**ABOVE 93%**  
community satisfaction with waste collection services

**REDUCE**  
total number of illegal dumping incidents by 2025

**NET ZERO**  
community emissions by 2050

**NO NET INCREASE**  
to annual household water consumption



### Reducing Waste to Landfill

#### Key Achievements

- Developed Council's first Resource Recovery and Waste Strategy
- Use of the Community Recycling Centre increased from 1,800 vehicles in 2016-17 to over 5,600 vehicles in 2020-21, and material recovered increased from 44,000kg to 180,000kg over the same period

- Launched Compost Capers with over 200 resident participants, saving an estimated 11,450kg of food from reaching landfill each year – the equivalent of 2.8 tonnes of carbon dioxide and 5kL of water
- Delivered pilot Multi-Unit Dwelling Recycling Contamination Program in 18 apartment buildings (1,500 apartments) with overall contamination reduced by 34%
- Reported illegal dumping has reduced from 1264 incidents in 2017-18 to 964 incidents in 2020-21, and reduced the amount of material sent to landfill by 33% over this period
- Two illegal dumping trials ran in two known hotspots. The most successful trial reduced volume of waste dumped by 67%.

### Key Issues

Waste sent to landfill by households has increased, particularly as people spend more time at home due to COVID-19. Food waste currently makes up 40% of household waste. To reduce waste to landfill our Resource Recovery and Waste Strategy commits to seek tenders for a separated food waste collection service. Investment in transport and processing infrastructure may be required by state government, industry and local government partnerships to ensure food and other waste currently sent to landfill can be recovered.



### Key Achievements

- Three apartment buildings have identified energy efficiency initiatives with help from Council with potential cost savings of over \$46,000 and CO<sub>2</sub> reduction of 254 tonnes
- Three energy campaigns resulted in:
  - 534 solar and battery quotes
  - 51 solar and battery installations
  - 235.79kW installed
  - 27kW battery capacity installed
  - 49 energy efficiency quotes
  - 2 energy efficiency installations
- Solar My Schools Project has three schools participating, installing 155kW of solar panels.

### Key Issues

NSW is in an energy transformation period where Council will play a role in advocating for the right policy settings at a state and federal level, while supporting them with local initiatives to reduce emissions in people's homes and businesses. Council is campaigning and educating the community and putting in place the right infrastructure to support the transition.



Partners: Southern Sydney Regional Organisation of Councils, Australian Energy Foundation, Strata Managers, Sydney Water.



### Links to Strategies:

Environmental Strategy | Emission Reduction Action Plan | Resource Recovery Waste Strategy



### Key Achievements

- Introduced higher BASIX requirements for water in the Parramatta Road corridor
- Water bottle refill sites were installed in Cintra Park and St Luke's Park North, Lewis Berger Park, Livvi's Place, Edwards Park, Bayview Park, Lysaght Park and on the Bay Run at Thompson Street
- Promoted Sydney Water education campaign online to reduce potable water use.

### Key Issues

As weather patterns change and urban communities adapt, Council plays a role in promoting Water Sensitive Urban Design, planning for and promoting recycled water opportunities, and educating the community to help reduce potable water use. Working with the Parramatta River Catchment Group, catchment Councils and the State Government to develop legislation in line with the actions in the Parramatta River Masterplan.



- 364 attendee registrations for 22 waste reduction workshops, including reuse and repair, reducing food waste, and home composting workshops
- Over 1,000 students at 17 schools and childcare centres engaged through face-to-face recycling education lessons
- Over 650 letters sent to households presenting contaminated or overfull bins
- 26 households participated in waterwise workshops.

### Key Focus

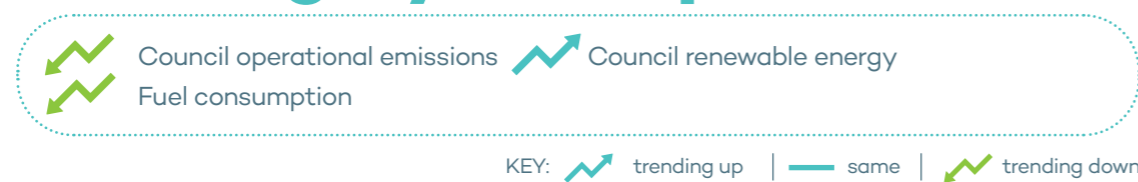
Increased community understanding of the importance of food organics recovery, solar, energy and water efficiency.

# ENVIRONMENTAL SNAPSHOT

1 JULY 2017 TO 30 JUNE 2021



## Leading by Example



### Targets and measures



emissions from Council operations by 2030



reduction in potable water use



facilities have recycling by 2021 and food recovery by 2023

Preference recycled content in



street furniture, civil and construction works by 2023



sustainability considerations are in all procurement decisions



### Key Achievements

- Adopted an Emissions Reduction Action Plan
- LED street light replacement program has replaced over 2,300 residential street lights, resulting in savings of \$250,000 per year
- Solar installed: Concord Community Centre (9kW), Concord Senior Citizens (<5kW), Concord Library (60kW), Civic Centre (50kW), Depot (25kW), The Connection at Rhodes (99kW)
- In 2019, Council signed a Power Purchase Agreement (PPA) to source 20 per cent of Council's total electricity from a Solar Farm in Moree.

### Key Issues

Council spends more than \$1.5 million on energy each year, which is the main source of Council's operational emissions. Embedding energy performance into Council's facilities and fleet management practices

is essential to achieve Council's emissions target of net zero emissions by 2030 in a cost effective way. Solar and energy performance retrofits and new build integration is also critical.



### Key Achievements

- Adopted an Urban Tree Canopy Strategy and Biodiversity Strategy
- Updated Council's Development Control Plan to improve biodiversity and tree canopy
- Submitted and managed four biodiversity and urban canopy grants
- Integrated planning to support increased biodiversity and trees in park upgrades
- Ongoing management and improvement works to key biodiversity sites.



### Key Achievements

- Audited 17 sportsfields and two golf courses
- 200 mega litres of recycled water produced in 2018
- Real-time water leak monitoring saved \$285,000 worth of water loss.

### Key Issues

Water security for our entire network of ovals and playing fields to adapt to changing weather patterns and provide our residents with the best facilities available throughout the year.



### Key Achievements

- Fleet transition from petrol-powered cars to one electric and 34 hybrid vehicles, plus four electric maintenance equipment vehicles.



### Key Achievements

- Developed a new sustainable procurement policy and guidelines
- Joined 15 other councils in a group procurement for the Paving The Way initiative to recycle glass into local roads
- Joined a group procurement for electricity and gas through the Southern Sydney Regional Organisation of Councils (SSROC) PEERS program.

### Key Issues

Embedding sustainable procurement throughout the organisation to ensure value for money whilst also obtaining strong environmental outcomes.



### Key Achievements

- Removed single use plastics at Concord Carnival and Ferragosto
- Recycled 96% of waste generated in redevelopment of Concord Oval project
- Recycled over 80 tonnes of pavement and asphalt from Council's road and footpath maintenance works
- Partnered with Burwood Council for the delivery of problem recycling services.

### Key Issues

Embedding our new strategies to reduce waste from Council operations. Our focus is on transitioning to a circular economy, improving resource recovery outcomes for our operations and procuring more sustainably to avoid waste materials.



### Key Achievements

- Promoted achievements with solar, and electric and hybrid vehicles to encourage residential change
- Worked with stallholders and internal stakeholders to reduce single use plastics
- Established an internal cross Council Resilience Champions group
- Delivered training sessions for staff on key topics.

### Key Focus

Embedding sustainability targets, measures and practices across the organisation and upskilling staff to deliver the adopted outcomes.



Partners: SSROC, Sporting Clubs, Tenants, Sydney Water, Ausgrid, Local Government Procurement, Parramatta River Catchment Group.



### Links to Strategies:

Emissions Reduction Action Plan | Sustainable Procurement Policy  
Resource Recovery and Waste Strategy