

City of Parramatta Sustainability Update 2018/19

Helen Papathanasiou
Manager Environmental Outcomes
City Strategy

Parramatta Business Environment Expo
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OVERVIEW

1. Environmental Sustainability Strategy

2. Sustainability update 2018/19:

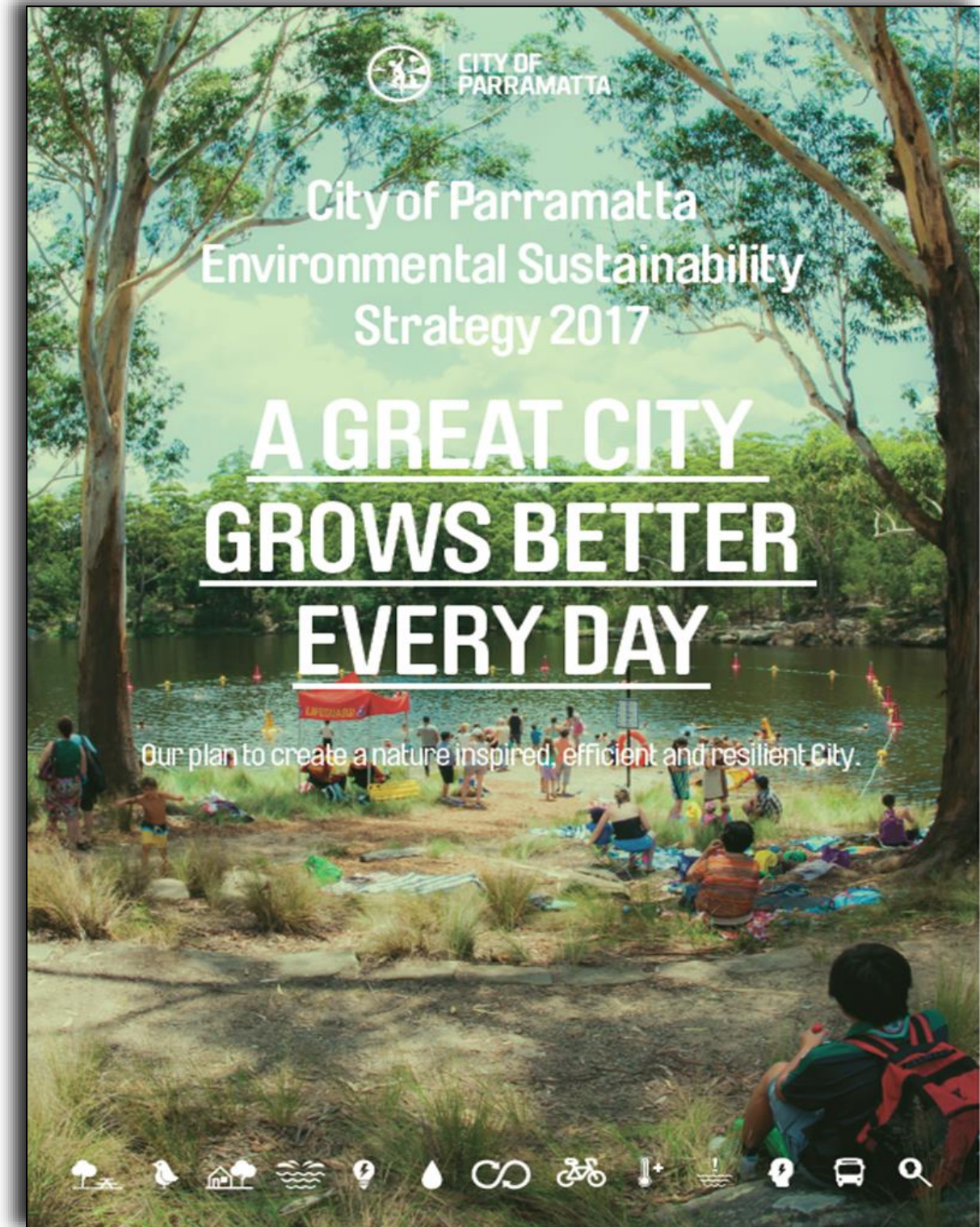
- **Parramatta River**
- **Urban Heat**

3. Parramatta CBD - 3D fly-through

Environmental Sustainability Strategy

Vision

*To ensure that as our City grows
our environment improves with
it and that we all enjoy the
benefits of our surroundings*



<https://www.cityofparramatta.nsw.gov.au>

SUSTAINABLE TRANSPORT

10% of trips made by walking and cycling by 2038

URBAN HEAT

Improve liveability by cooling the city and protecting people and communities from heat stress

FLOODING

Minimise the impact of flooding on the community

ENERGY & CARBON

60% emissions reduction by 2038 (based on 2015 levels)

50% of electricity demand to be met by renewable energy by 2038

WATER USE

No net increase in potable water consumption by 2038 (based on 2015 levels)

WASTE & LITTER

Reduce resource consumption from 8.2kg to 6.1kg per person by 2038 (based on 2015 levels)

Increase diversion from landfill to 85% by 2038

Reduce the volume of litter by 40% by 2020



PARKS & GREEN SPACE

Protect, enhance and increase our parks and green spaces to make them a community feature

BUSHLAND & BIODIVERSITY

Protect and enhance the health of our unique natural ecosystem of plants and animals

THE URBAN FOREST

Increase canopy cover to 40% by 2050 (based on 2016 levels)

RIVER & WATERWAYS

Make the Parramatta River swimmable again by 2025

COUNCIL ENERGY, WATER & WASTE

Carbon neutral by 2022

60% emissions reduction by 2038 (based on 2015 levels)

No net increase in potable water consumption by 2038 (based on 2015 levels)

90% diversion rate for Council waste by 2038

FLEET & STAFF TRAVEL

Reduce Council fleet emissions by 20% by 2038 (based on 2015 levels)

Reduce single-occupancy car commutes to and from work by Council staff to 35% by 2023 (based on 2016 levels)

RESPONSIBLE INVESTMENT & PROCUREMENT

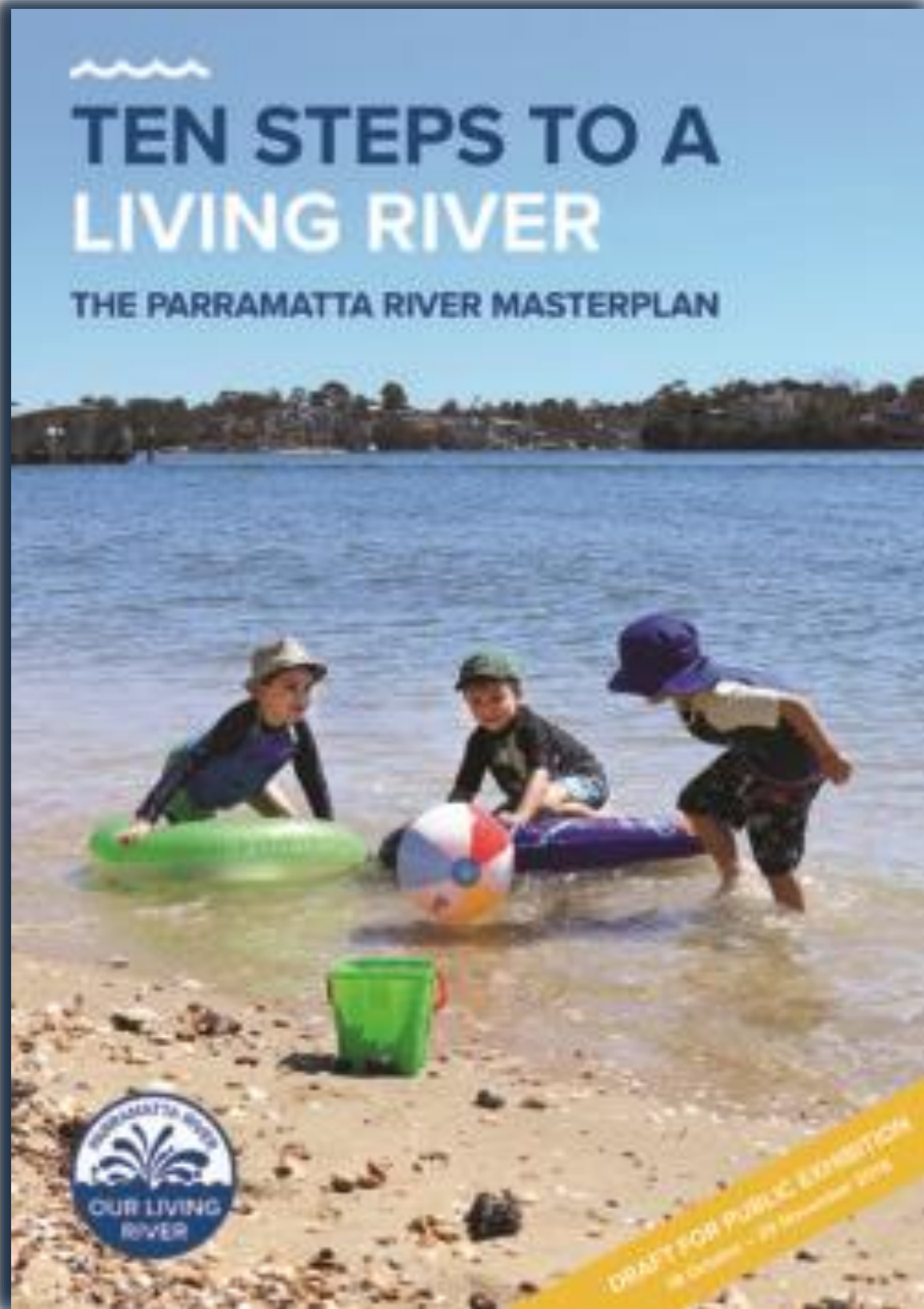
Sustainability criteria are considered in all of Council's procurement activities

Make the Parramatta River swimmable again



LET'S SWIM IN THE RIVER AGAIN
I'M READY, ARE YOU?
ourlivingriver.com.au





INNER WEST

Diving in to river clean up plan

Two new swimming spots slotted for 2025

David Barwell

A PLAN to create new swimming spots along the Parramatta River has given itself an ambitious seven-year timeline for completion.

The proposal, created by the Parramatta River Catchment Group, aims to make three new sections of the river swimmable by 2025 as part of long term efforts to increase the health of the waterway.

The new swimming spots would be at McIlwaine Park in Rhodes East, Bayview Park in Concord and Putney Park, joining current sites at Cabarita, Chiswick Baths, Balmain and Parramatta.

Early plans show a netted



A concept plan of the Bayview Park swim site in Concord.

The steps include creating a single set of policies and planning rules for the entire river catchment area.

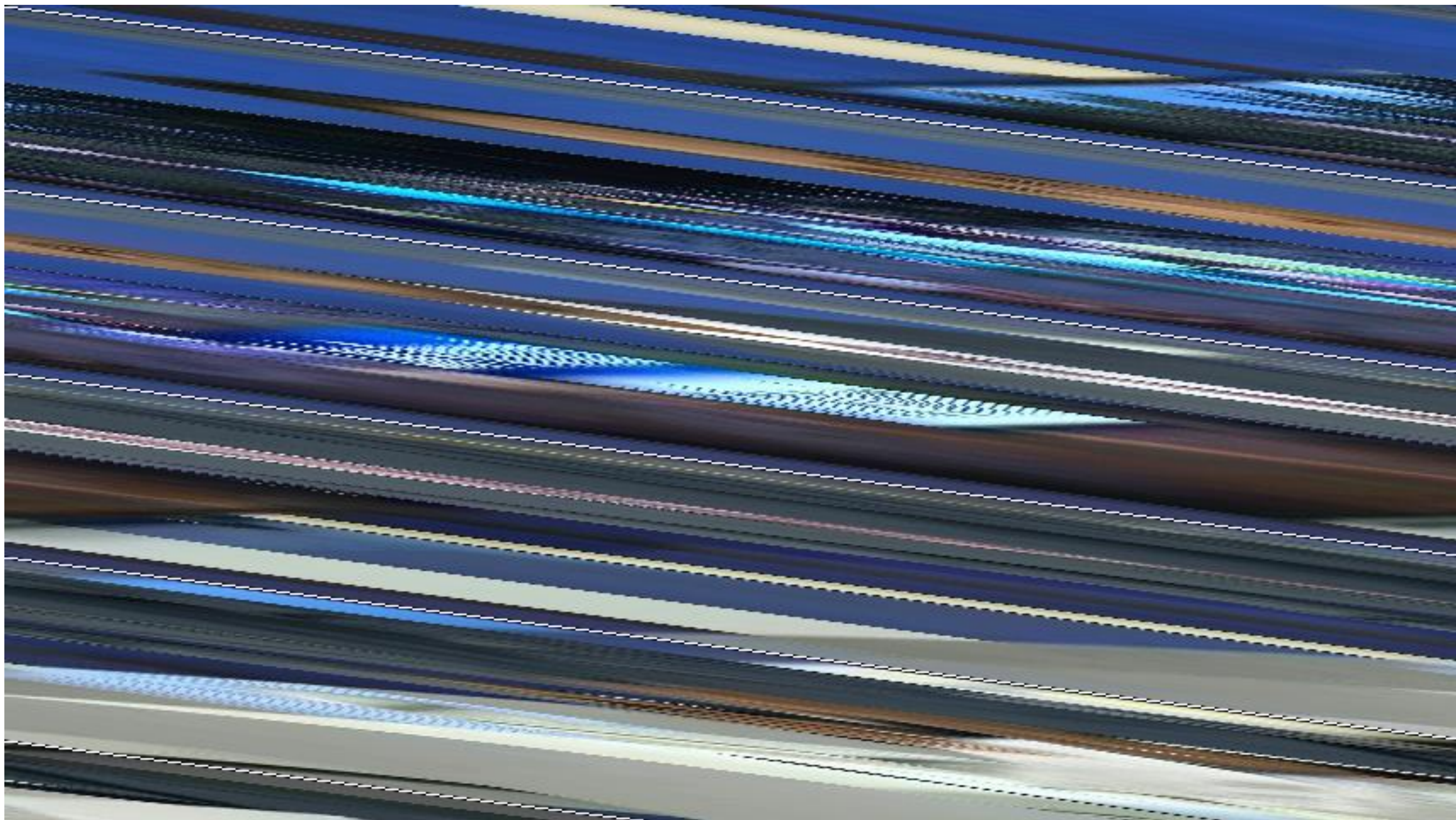
There is also a goal to reduce stormwater run off into the river through technologies that can "absorb and filters rain where it lands",

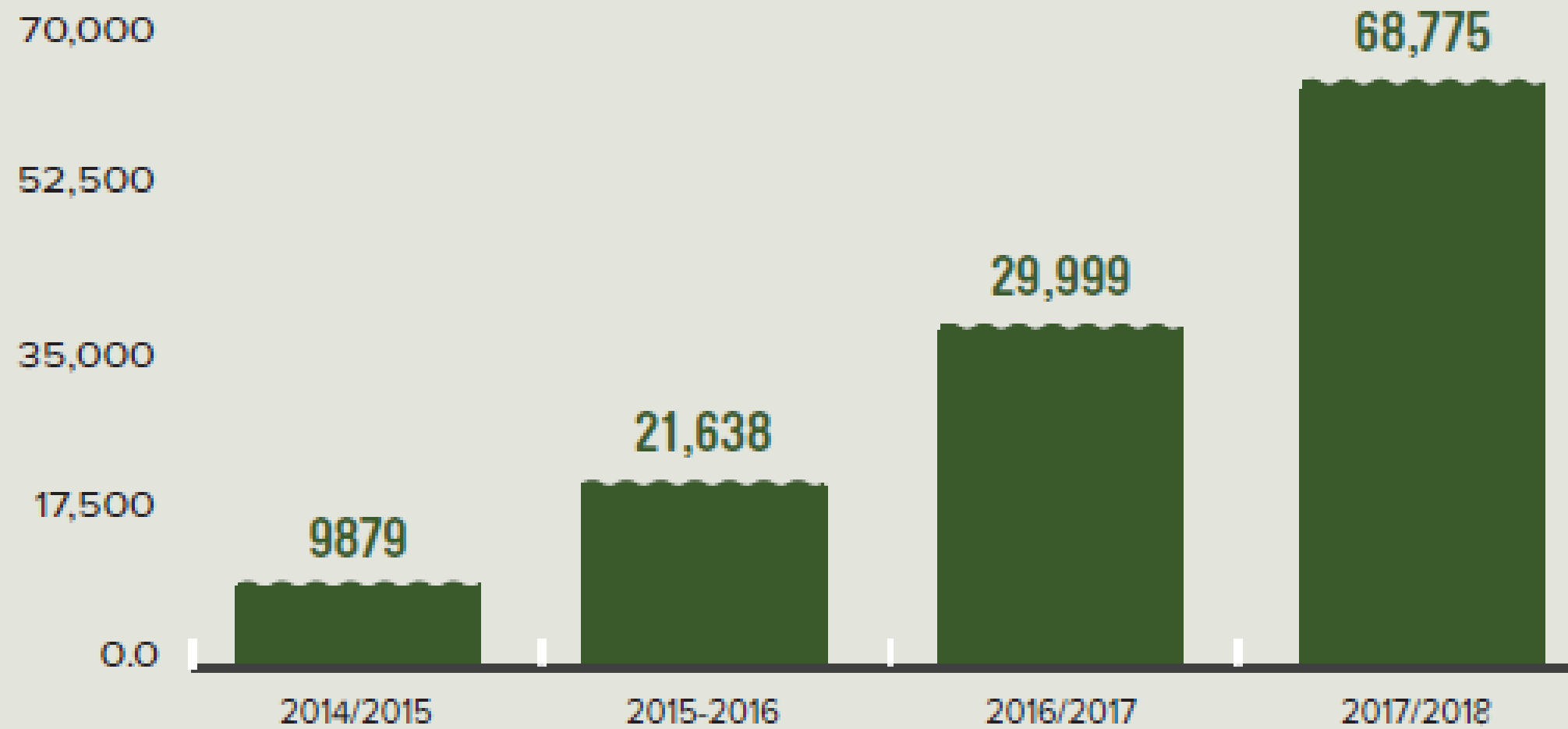
More on the way?



Lake Parramatta







NUMBER OF VISITORS TO LAKE PARRAMATTA SWIMMING AREA

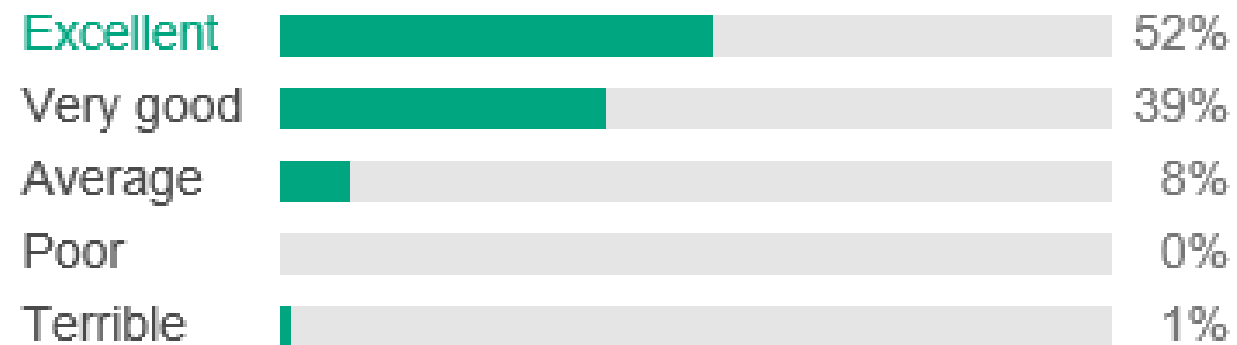
swimming season (typically Oct-Apr)

No. 1 thing to do in Parramatta - Trip Advisor

Traveller Overview

4.5 

193 reviews



TRAVELLERS TALK ABOUT



"bush walk" (17 reviews)

"the reserve" (10 reviews)

"hidden gem" (12 reviews)

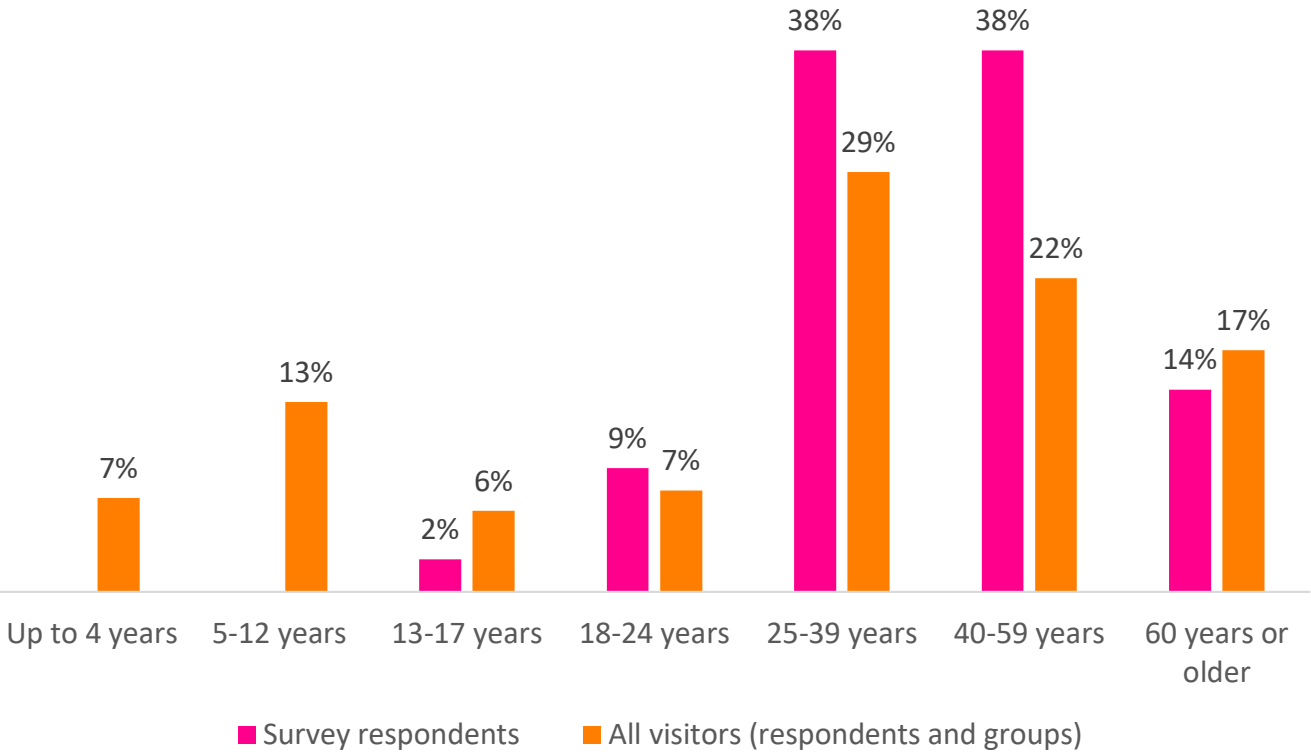
A hidden gem in the middle of a busy City

Wonderful place to swim, play and bushwalk.. I had no idea it existed till recently and have been there twice already... Loved all of it!!

October 2019

The Lake Parramatta Reserve is popular among solo visitors and groups alike, with the majority of visitors being aged 25+.

Age profile of respondents, and of all visitors combined (respondents plus members of their groups)

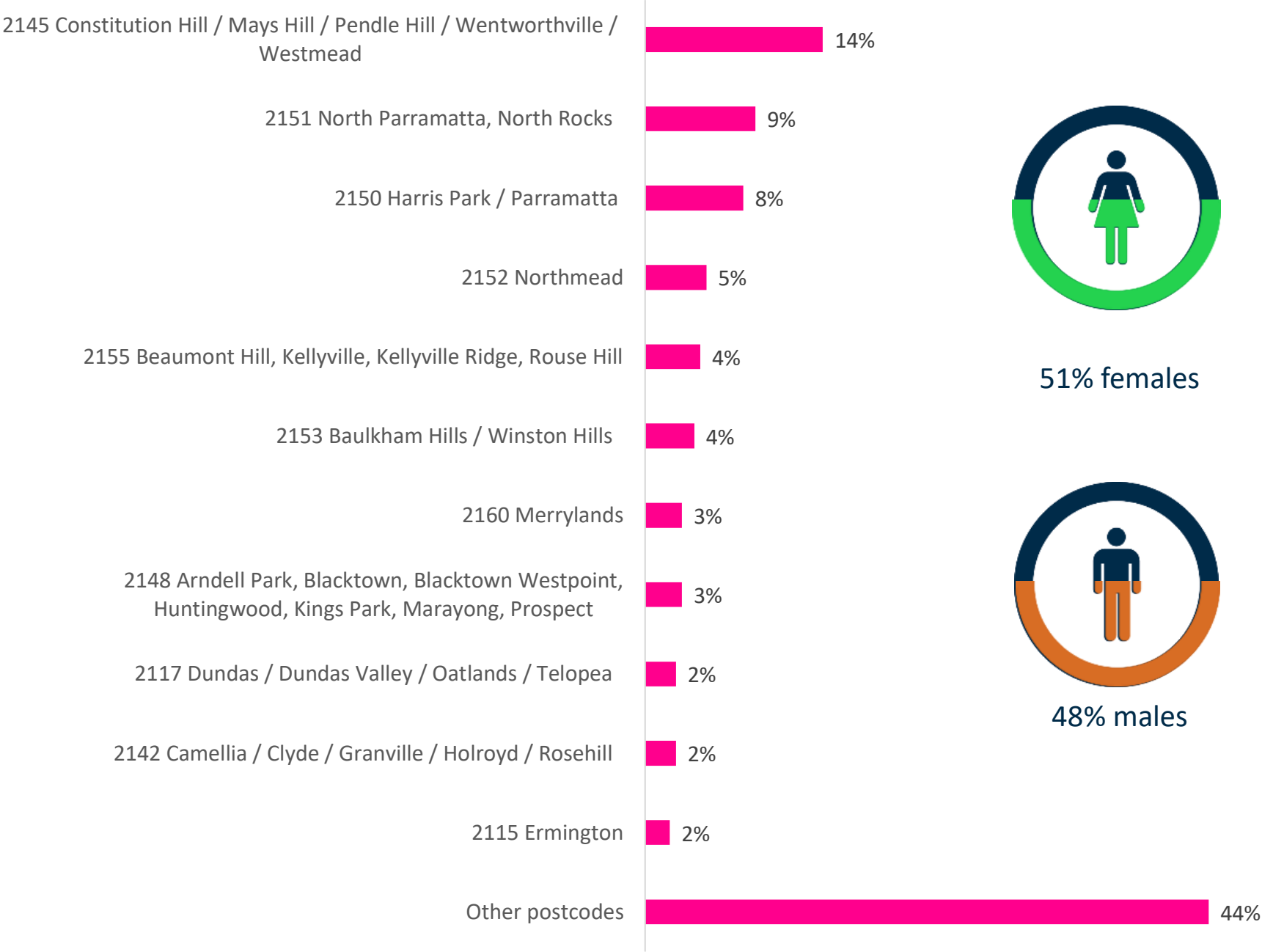


24% of visitors visit on their own



76% visit with other people

Visitor postcodes



51% females



48% males

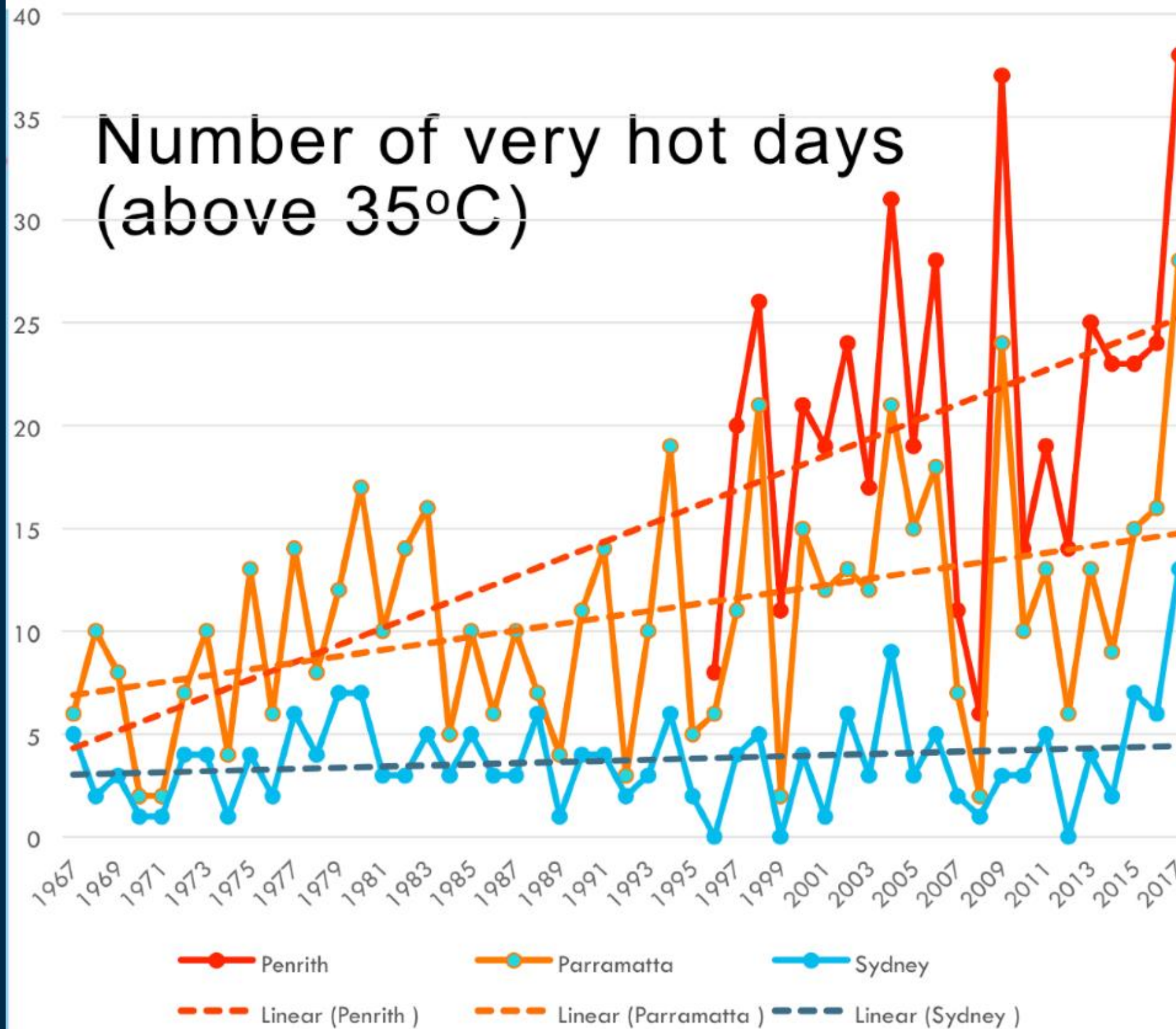
Base: All respondents (221).

Cool the City and protect people from heat stress



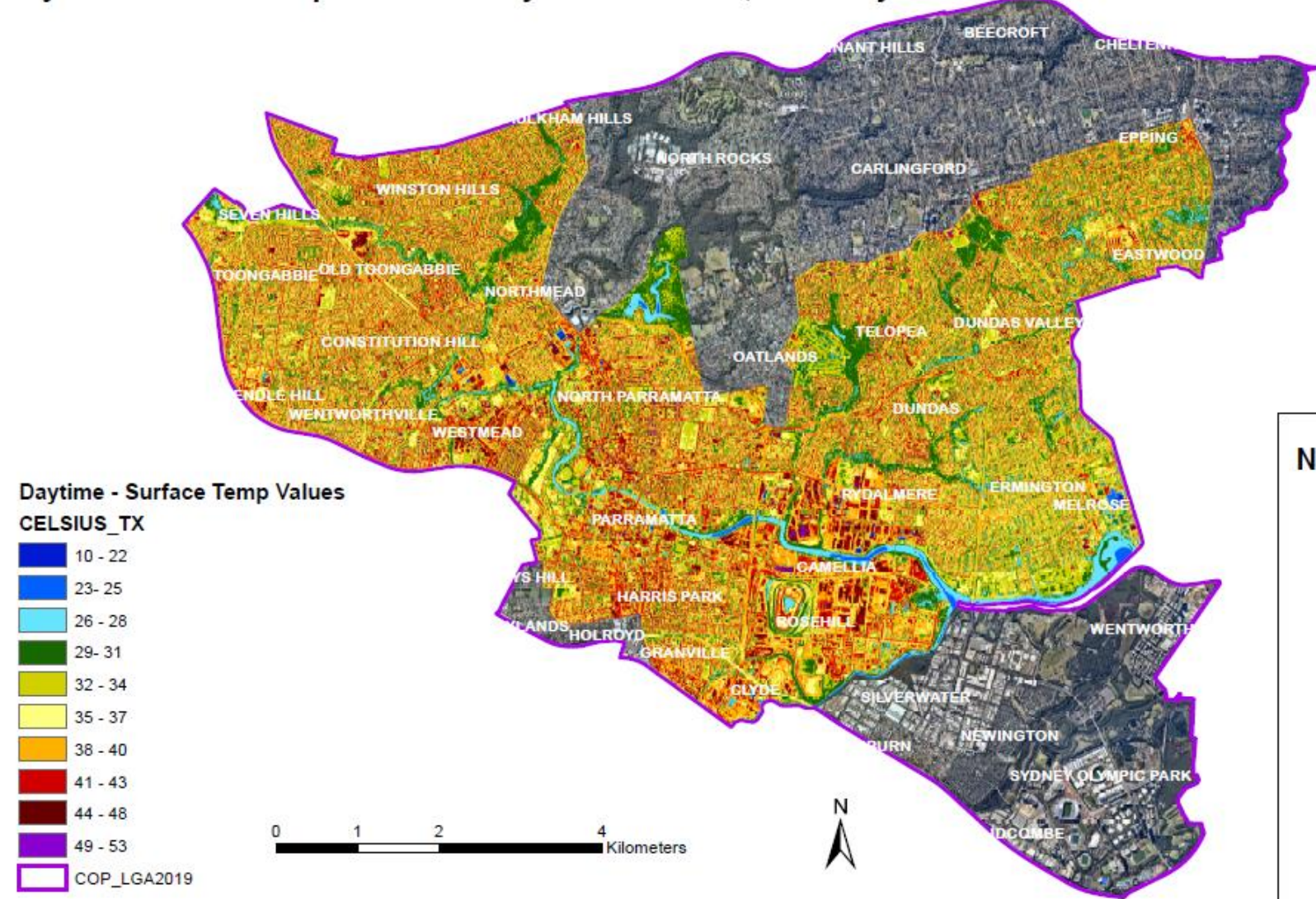
COOL
PARRAMATTA

Number of very hot days (above 35°C)

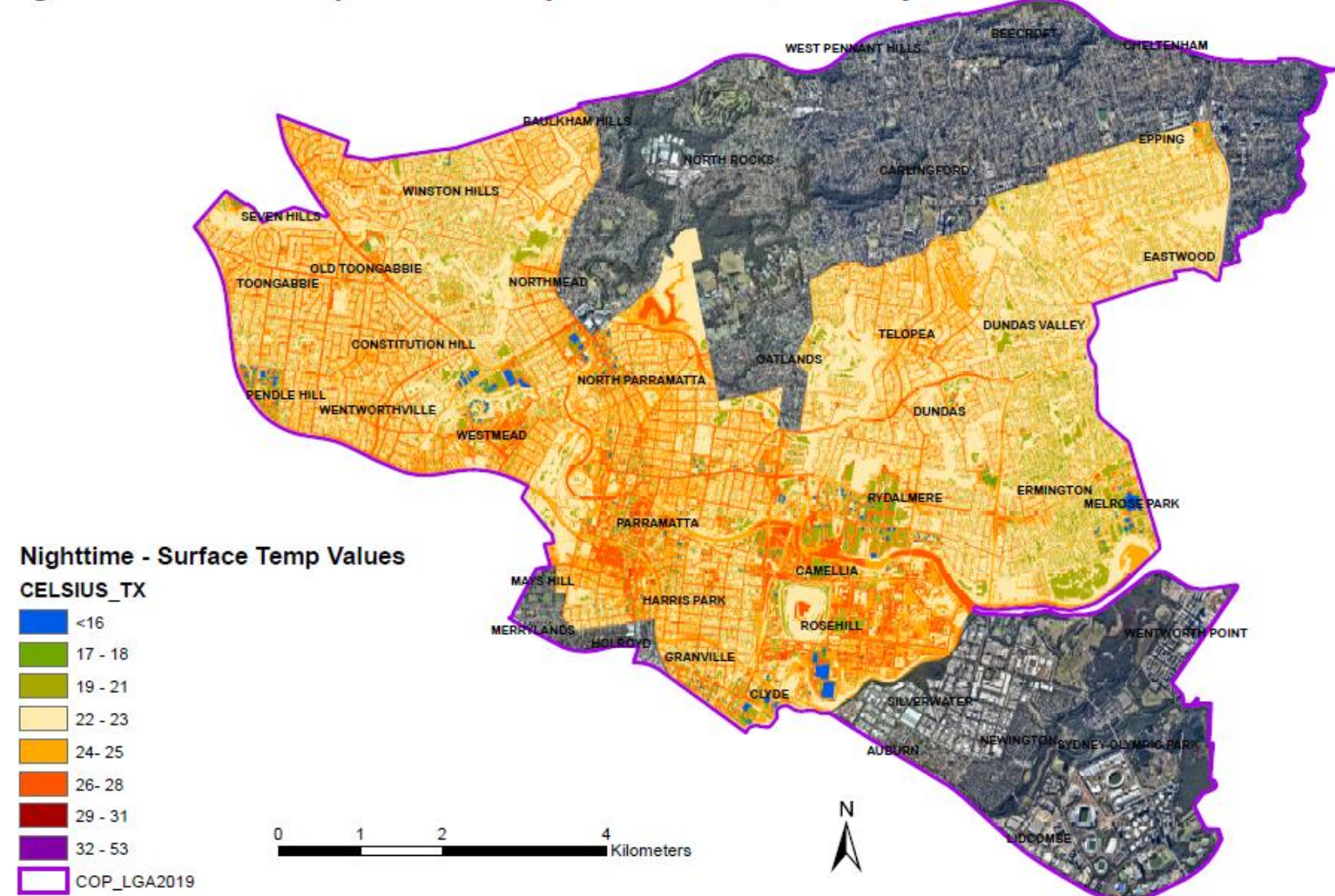


Source: Greater Sydney Commission (2017)
using data from the Bureau of Meteorology

Daytime Surface Temperature of City of Parramatta, February 2013



Nighttime Surface Temperature of City of Parramatta, February 2013



Night surface temperatures

**Tree shaded
streets**

**Low or no-tree
shaded streets**

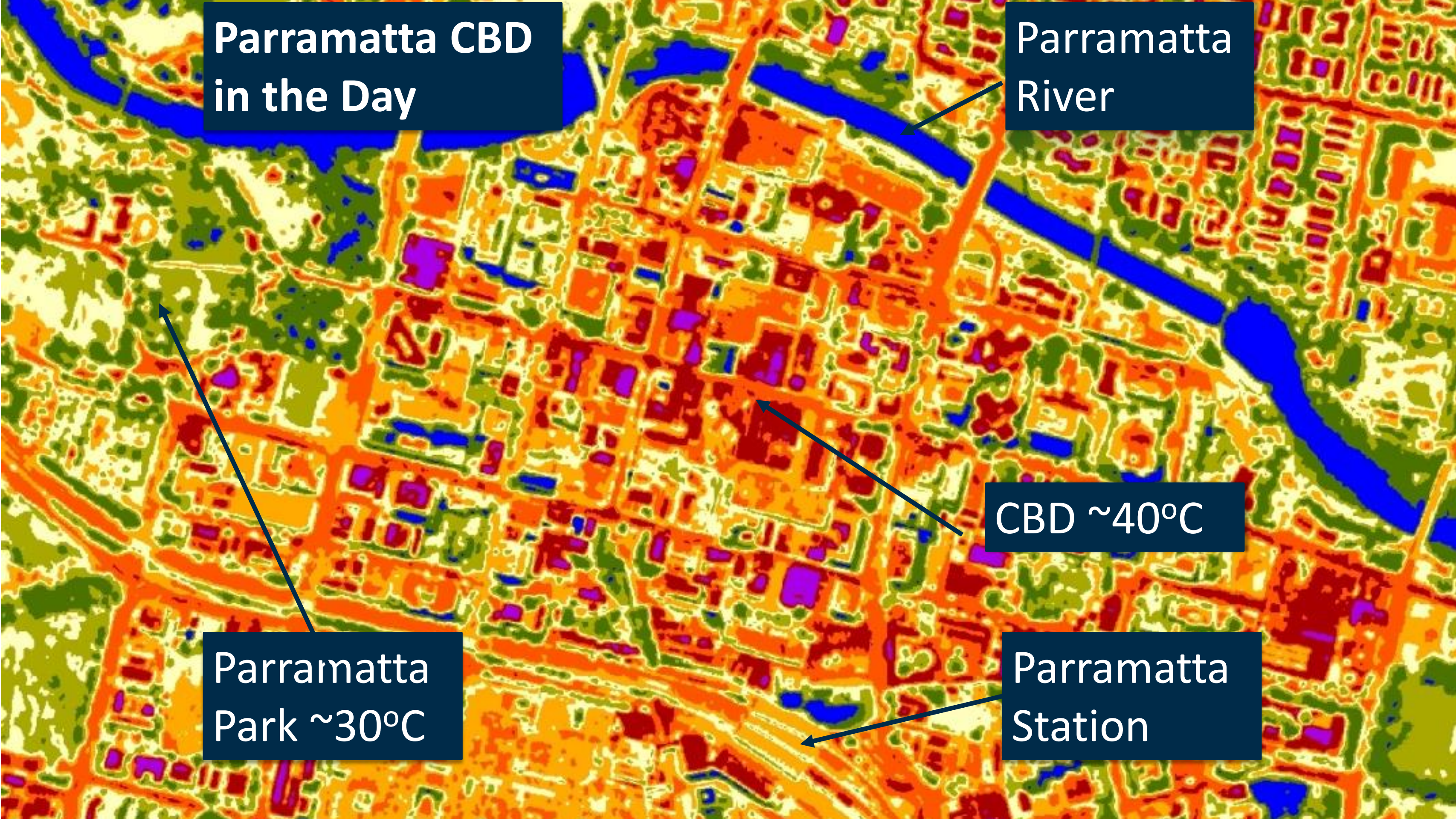
Parramatta CBD
in the Day

Parramatta
River

CBD ~40°C

Parramatta
Park ~30°C

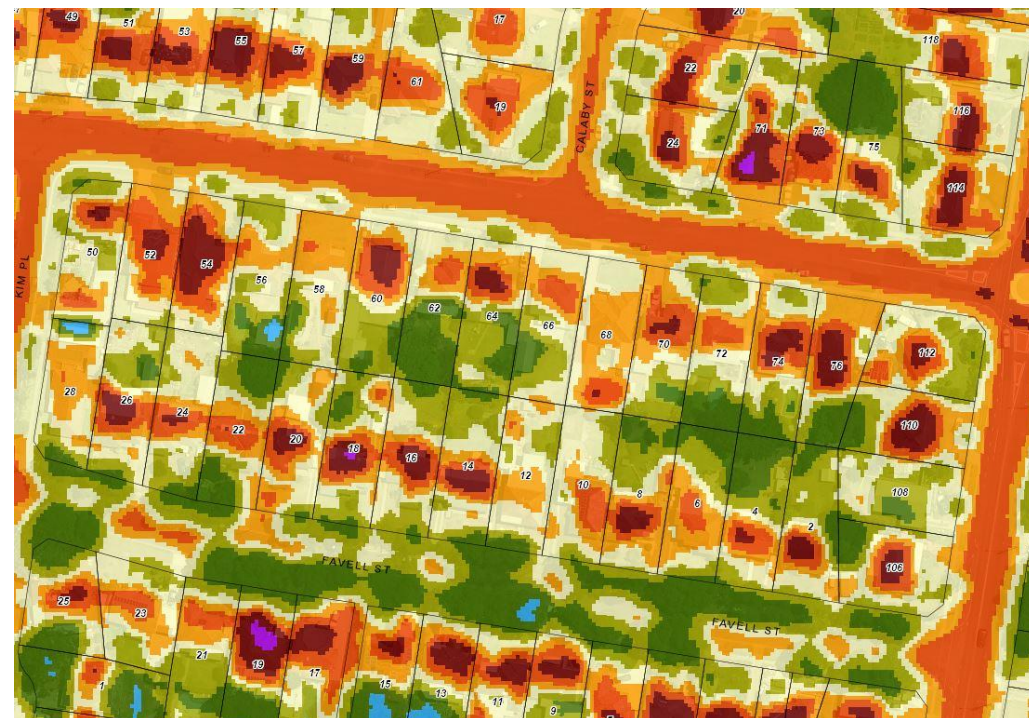
Parramatta
Station



Bulli Rd, Toongabbie



Favell St, Toongabbie



Day thermal



Aerial



Night thermal



BENCHMARKING HEAT IN PARRAMATTA, SYDNEY'S CENTRAL RIVER CITY



1. Epping



2. Harold West Reserve



3. North Rocks



4. Arthur Philip Park



5. McCoys Park



6. Constitution Hill



7. Westmead Hospital



8. Rydalmere



9. Ermington



10. Dundas Valley

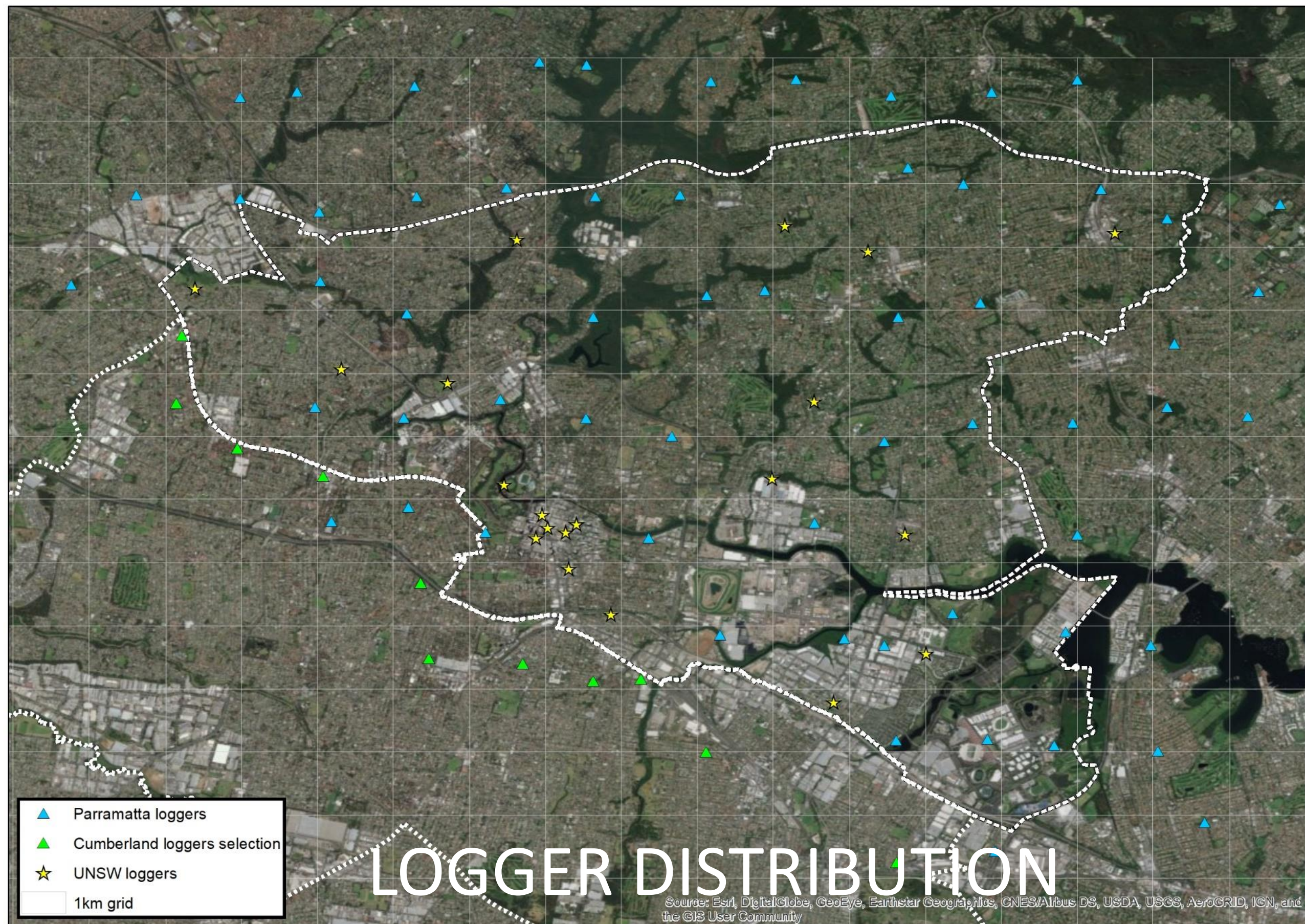


11. Silverwater

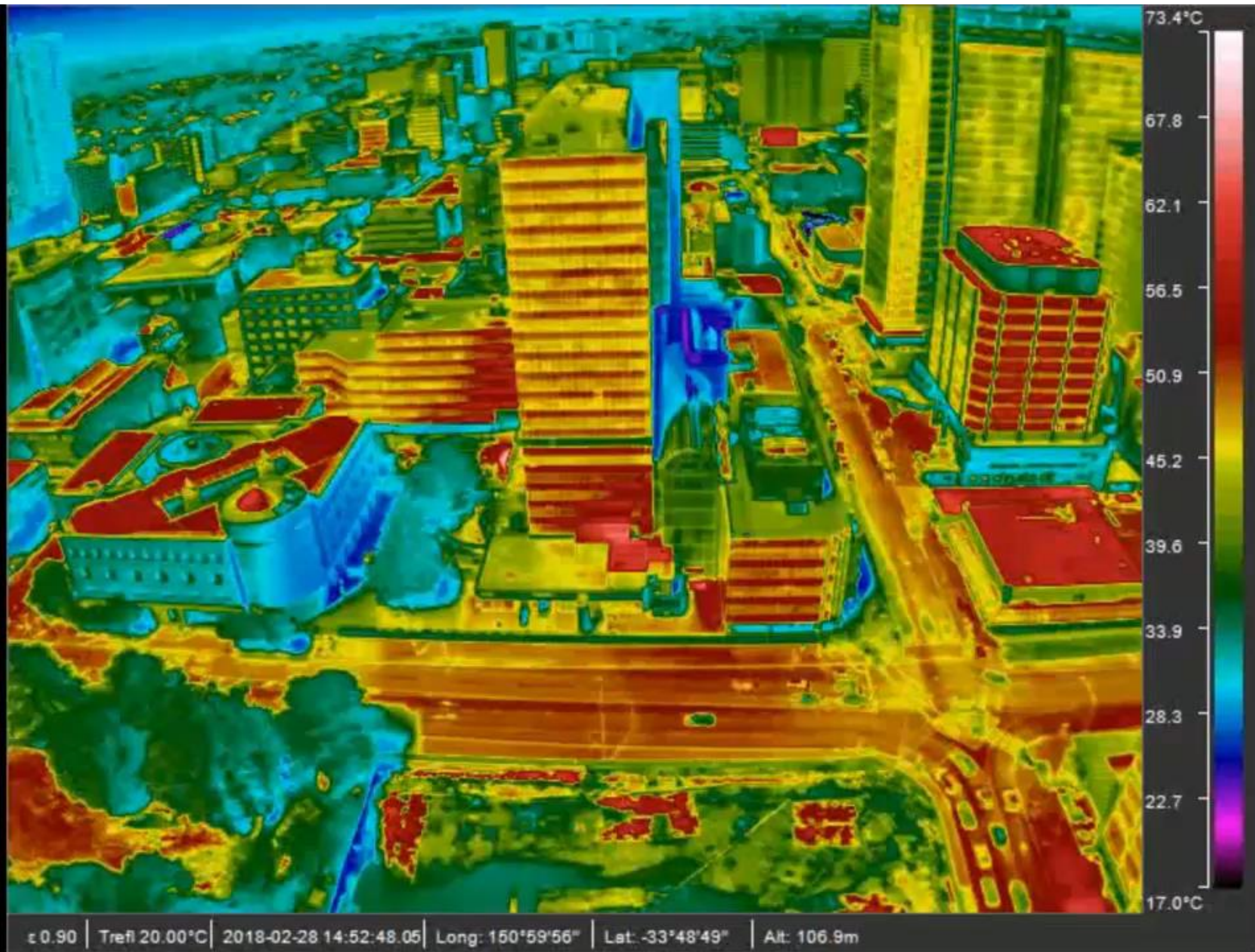


12. Newington Library





Ok. Slow-mo.



Thank you