



Building a heat safe Melbourne

Tiffany Crawford, Co-Chief Heat Officer and Director Climate Change and City Resilience



CITY OF MELBOURNE

Extreme heat impacts are here

With El Niño declared, the danger of a hot summer looms for Australia's southern cities

By Sian Johnson
Posted Thu 21 Sep 2023 at 5:59am, updated Thu 21 Sep 2023 at 1:05pm



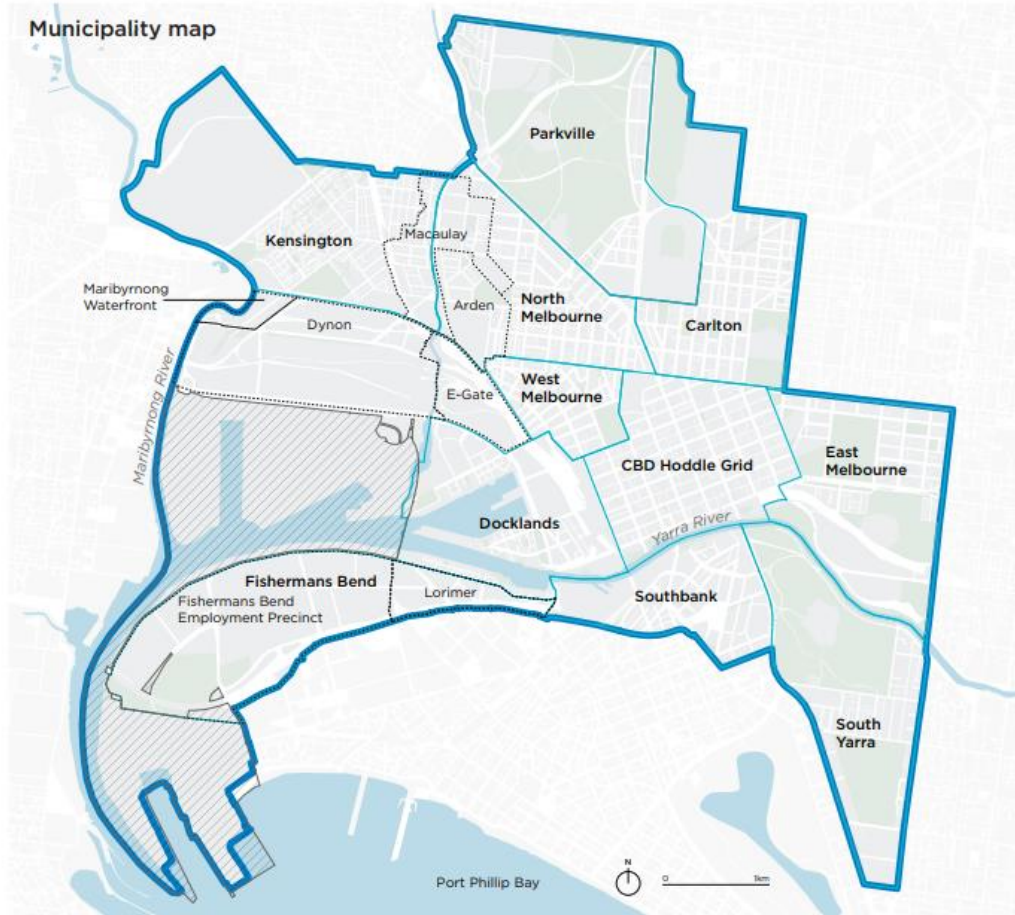
A graphic with a bright yellow background and a large sun. The text reads: "CITY'S HOTTEST DAY EVER", "46.4", "City swelters through hottest day ever recorded Melbourne tops 46 degrees as state suffers in heat. 'Worst day in history' Keep cool Weather". The number "46.4" is the largest and most prominent element. The background features a bright sun and some dark, bare tree branches in the foreground.

Melbourne to have 50-degree days

Peter Hannam Wednesday 4 Oct 2017 12:00 am



A growing city



183,756 residents



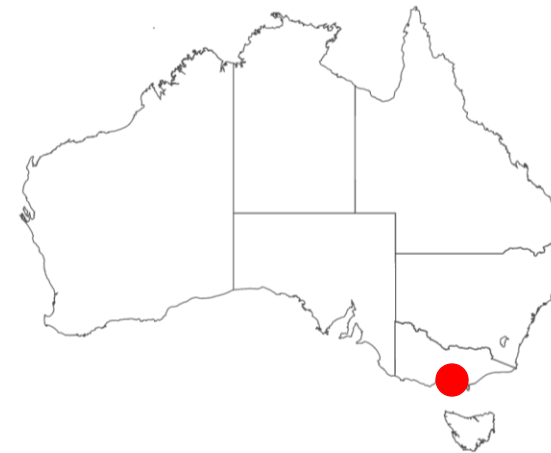
16,700 businesses



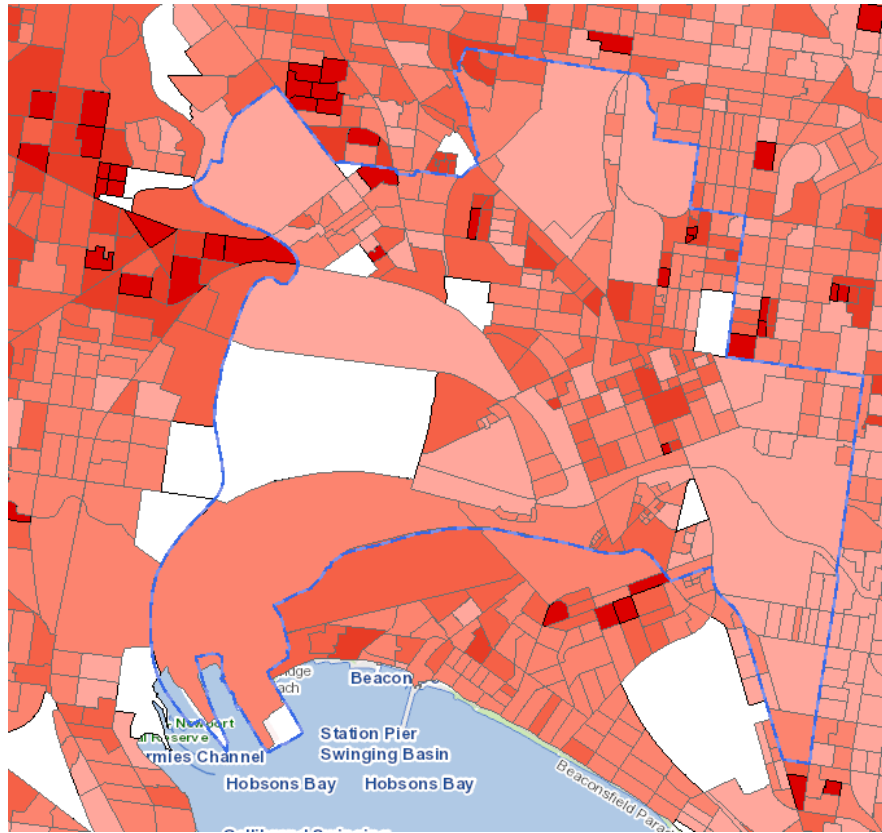
**910,800 live, work,
study or socialise**



**11 neighbourhoods
37 km² | 3700 ha**



Heat Vulnerability Index 2018



Thermal Comfort Map 2020





Adrienne **Arsht-**
Rockefeller Foundation
Resilience Center

One Billion People More Resilient



Mayor Tithonus Crowford and Valerie Miller



**Every city needs a
Chief Heat Officer.
Melbourne just got two.**

Meet the women in our network of climate
leaders who are keeping their cities cool.



Melbourne's response to extreme heat



CITY OF MELBOURNE



**Help people to prepare
for heatwaves**



**Cool the city and boost
thermal comfort**



**Adapt operations and how
we work at council**



**Help people to prepare
for heatwaves**

- Every member of the community understands their heat risk and knows what action to take to reduce their risk
- Every member of the community can access a cool public place within walking distance of their home
- Every resident has a cool place in their home

Help people to prepare for heatwaves



cohealth *Partnering to activate*
care for all *Micro Labs*



**Cool the city and boost
thermal comfort**

- The city is cooled by increasing the quantity and quality of green infrastructure wherever possible
- The city is prepared for drought by increasing alternative water supply
- The city is planned and built to increase thermal comfort

Cool the city and boost thermal comfort





Adapt operations and how we work at council

- Our staff understand how heat affects their safety and the delivery of council services, and take action to prepare for and reduce risk
- We prioritise the most vulnerable members of the community in decisions about heat risk
- We are innovative in how we design and deliver policy, services and places to reduce heat risk
- We partner with other organisations to maximise our impact and advocate for change

Clima Sens

HeatSens provides localised heat data to tailor heat response strategies in different neighbourhoods

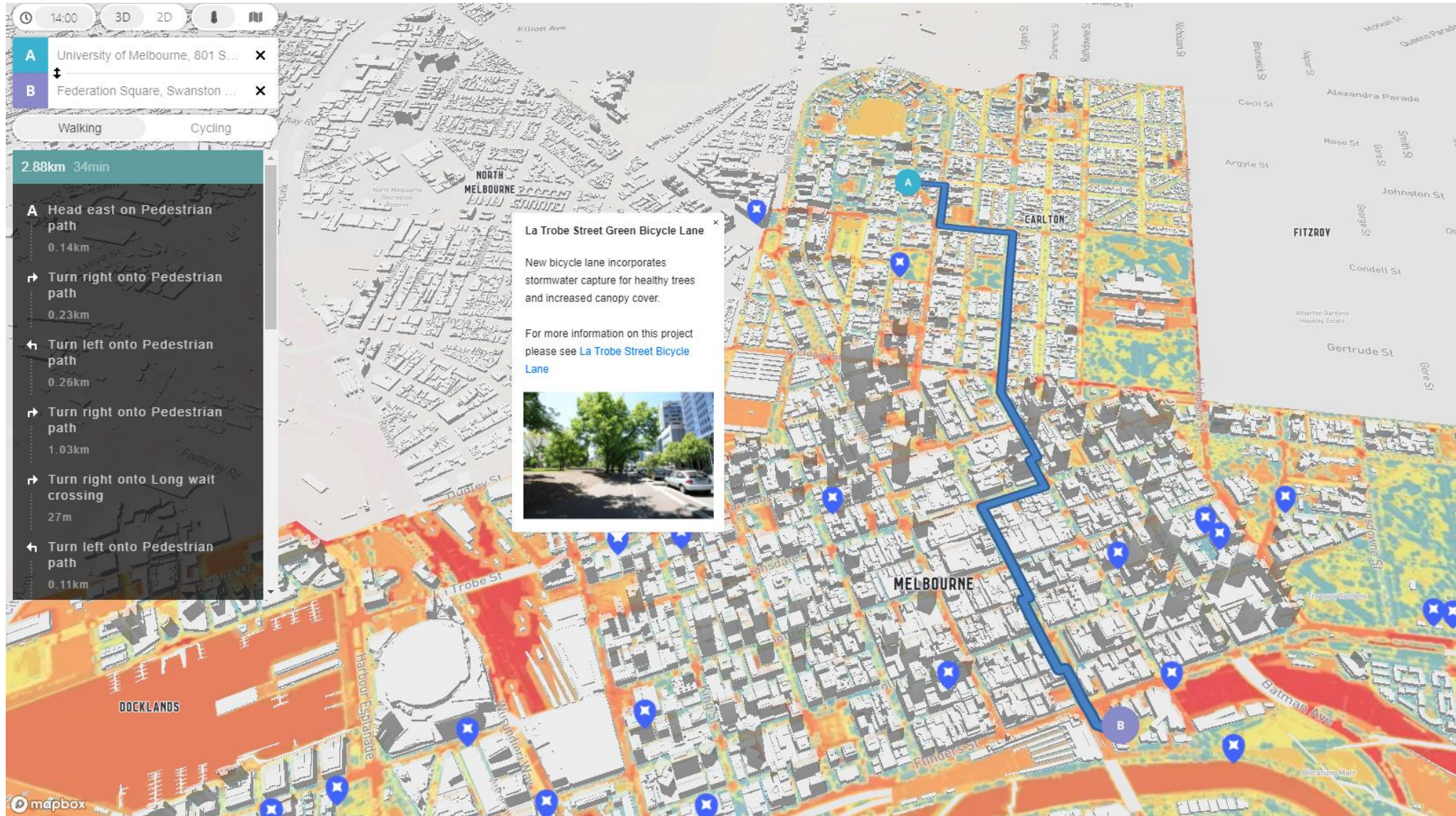




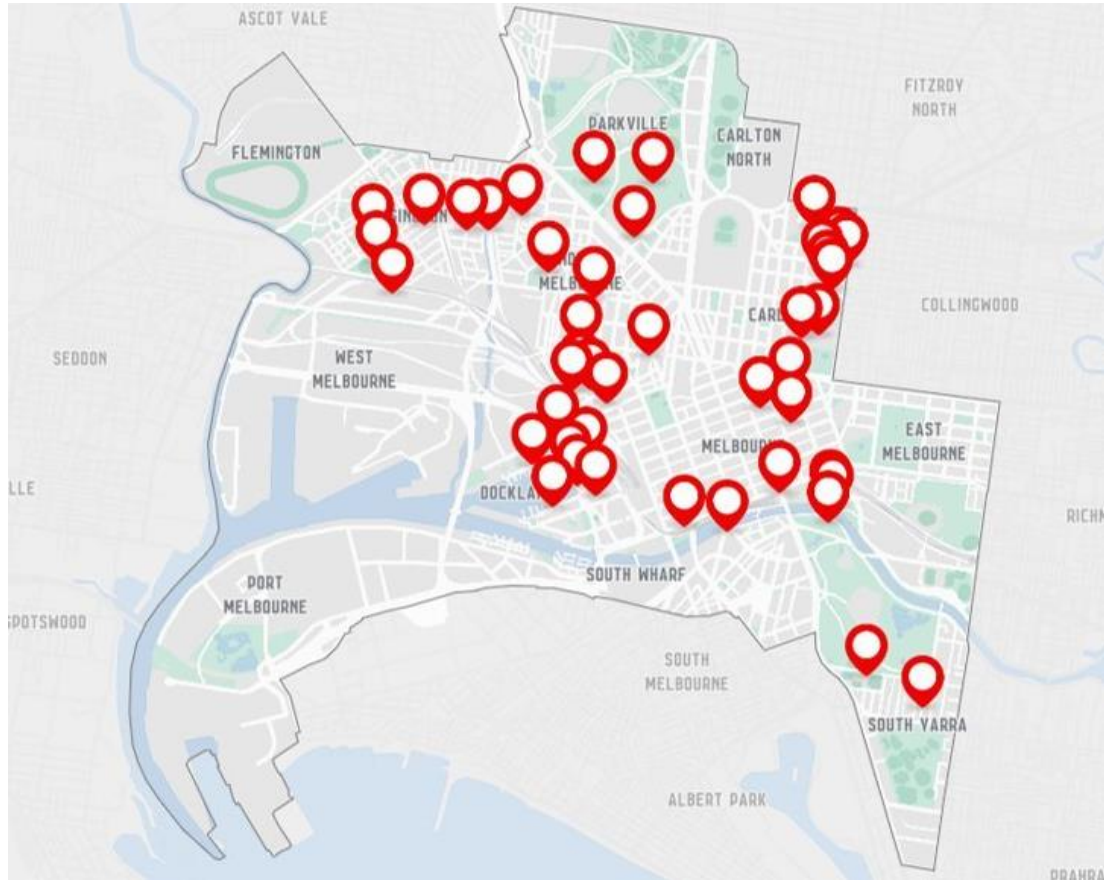
Future priorities



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Cool corridors



Hot spots map



Future Streets: Streets for movement and cooling

Long weekend heatwave causes Moomba Parade cancellation and festival disruptions

By [Melissa Brown](#) and [Syan Vallance](#)

Posted Sat 9 Mar 2024 at 11:53am, updated Sat 9 Mar 2024 at 7:07pm





Thank you!

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