



# Melbourne's Heat Safe City

Date: 24 April 2023  
Presenter: Tiffany Crawford



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*The City of Melbourne respectfully acknowledges the Traditional Owners of the land we govern, the Wurundjeri Woi Wurrung and Bunurong Boon Wurrung peoples of the Eastern Kulin Nation and pays respect to their Elders past, present and emerging.*

*We acknowledge and honour the unbroken spiritual, cultural and political connection the Wurundjeri, Bunurong, Dja Dja Wurrung, Taungurung and Wadawurrung peoples of the Eastern Kulin have to this unique place for more than 2000 generations.*

*We are committed to our reconciliation journey, because at its heart, reconciliation is about strengthening relationships between Aboriginal and non-Aboriginal peoples, for the benefit of all Victorians.*



*Eastern Kulin Seasonal Calendar – Waring Wombat Season (April - July)*



# Our future climate





# Extreme heat impacts are here

▼ **4:22PM** Saturday February 07, 2009



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**

This graphic features a bright yellow sun in the background. At the bottom, there are silhouettes of bare, spindly trees against a dark horizon.



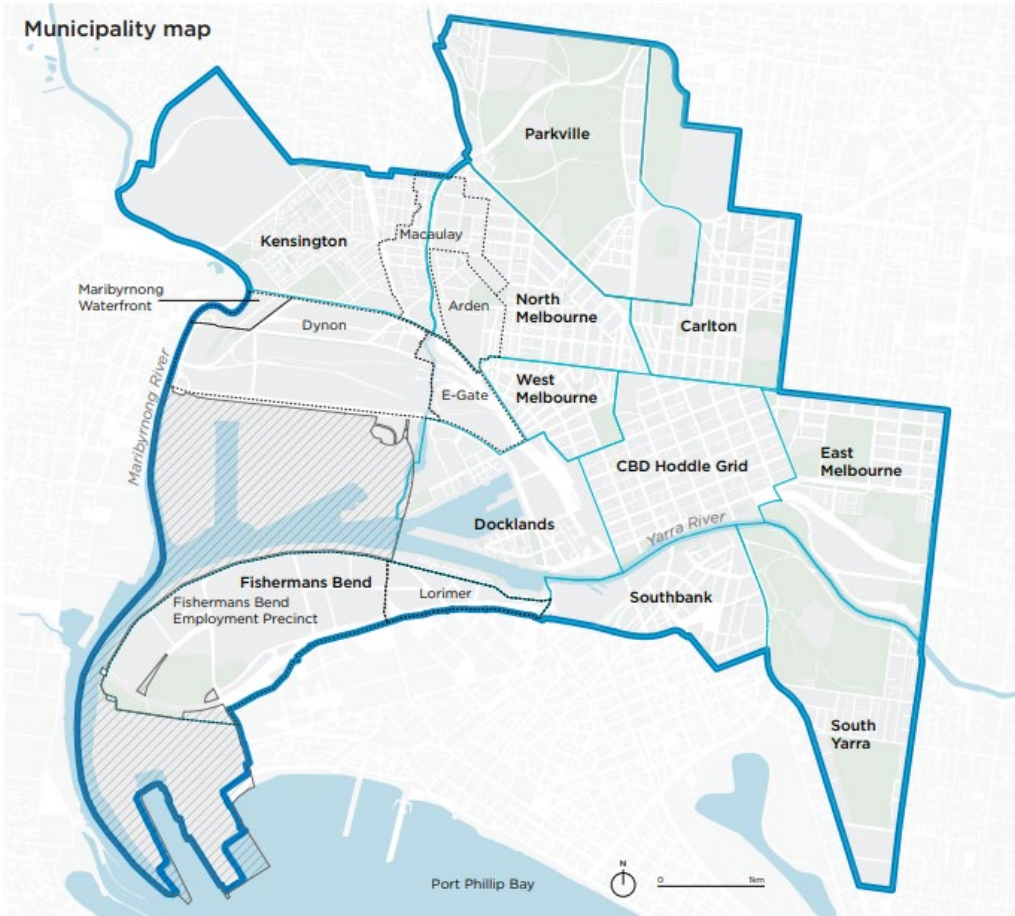
## Melbourne to have 50-degree days

Peter Hannam Wednesday 4 Oct 2017 12:00 am



Sydney and Melbourne can expect summer days when the mercury climbs to 50 degrees within a couple of decades if greenhouse gas emissions continue to rise, new research has found.





183,756 residents



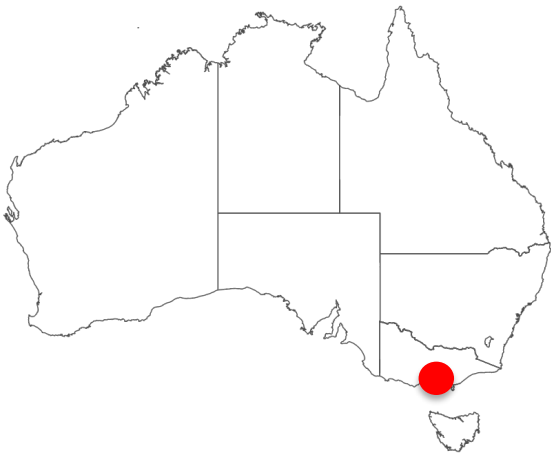
16,700 businesses



910,800 live, work,  
study or socialise



11 neighbourhoods  
37 km2 | 3700 ha





Starting with those most at risk



**LEAVE  
NO ONE  
BEHIND**



# Vision – parks and rivers





# Vision- food bowl





## Vision – neighbourhood resilience







**Vision - buildings and streets**



Vision - access





# The Global Story



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Adrienne **Arsht-**  
**Rockefeller** Foundation  
**Resilience Center**

**One Billion People More Resilient**



**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.



## Secretary Hillary Rodham Clinton named Arsht-Rock Global Ambassador for Heat, Health, and Gender





**We have started acting**



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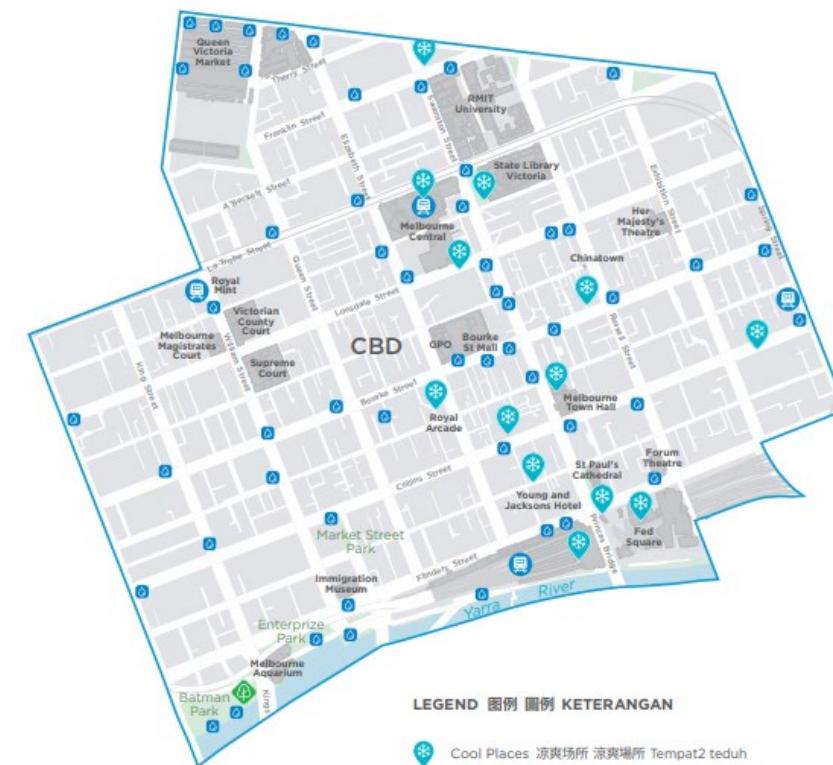
Workshops and training





## MELBOURNE CBD

凉爽场所 凉爽場所 TEMPAT2 TEDUH



### LEGEND 图例 圖例 KETERANGAN

- Cool Places 凉爽场所 凉爽場所 Tempat2 teduh
- Drinking Tap 饮用水龙头 飲用水龍頭 Kran air minum
- Wind and breeze area 吹风区 吹風區 Tempat sejuk berangin
- Shaded area 阴凉区 陰涼區 Tempat terlindung



For more information 详情请电 詳情請電 Keterangan lebih lanjut  
9658 9658

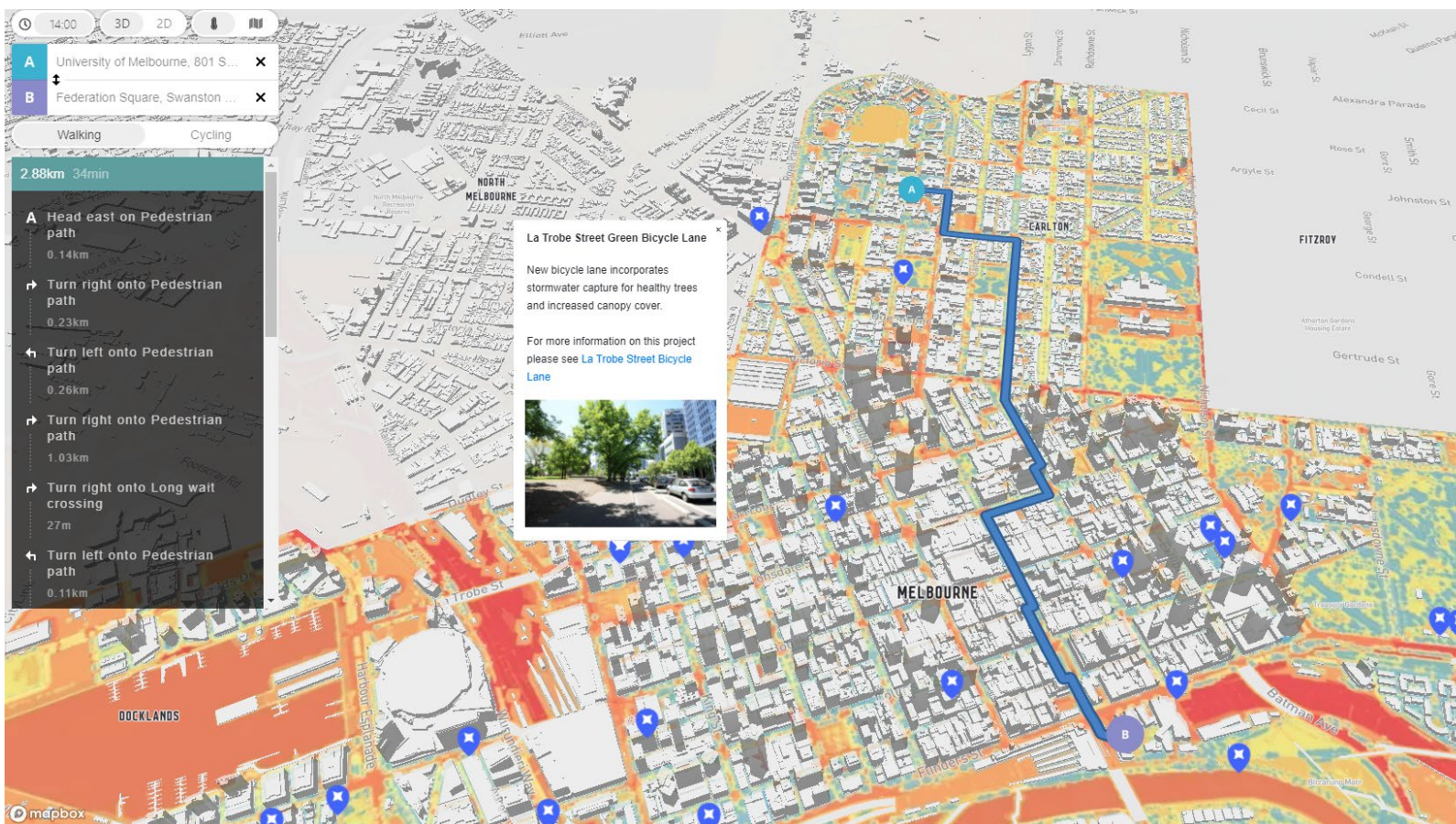
[melbourne.vic.gov.au/heatwave](http://melbourne.vic.gov.au/heatwave)

Translation services 翻译服务 翻譯服務 Layanan penerjemahan  
[melbourne.vic.gov.au/translation](http://melbourne.vic.gov.au/translation)



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# Greening our City

## Key performance indicators

Figure 64: Percentage of tree canopy cover in the public realm

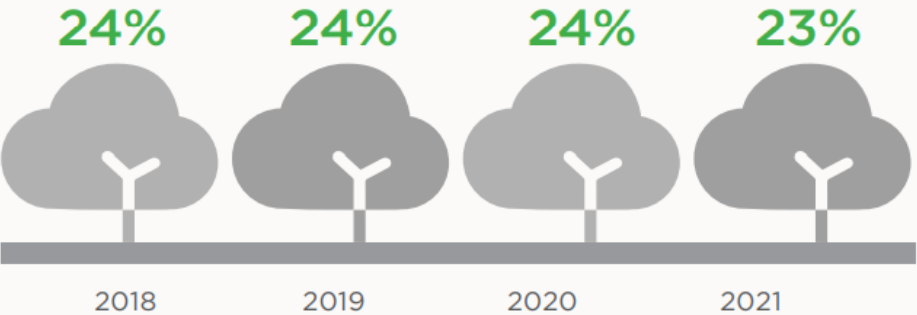
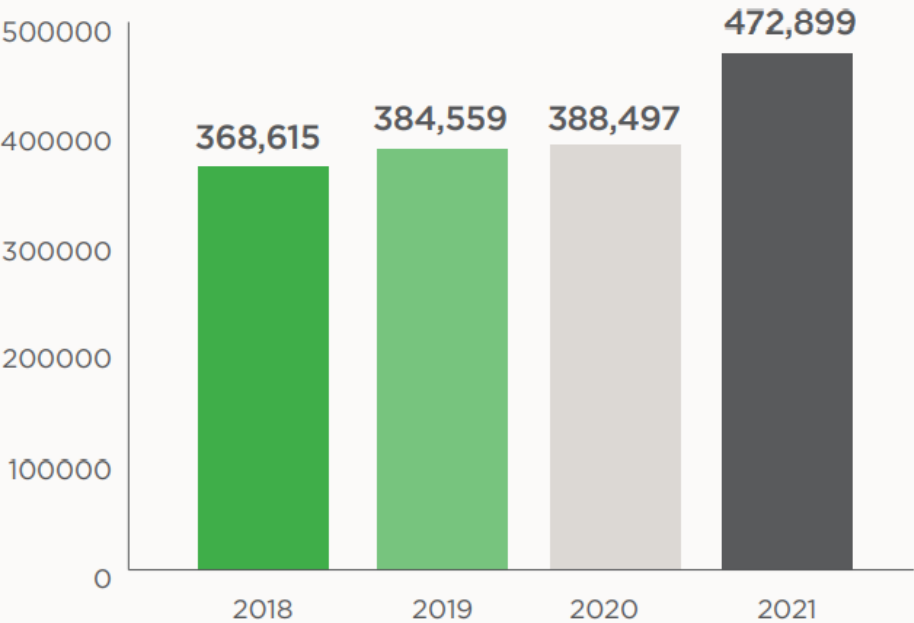


Figure 66: Area of native understorey habitat in the public realm (m²)











Southbank open space







Biodiversity





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Urban Forest Visual

Intro

Map

Issues

Workshops

# Explore Melbourne's Urban Forest

The City of Melbourne maintains more than 70,000 trees. This website enables you to explore this dataset and some of the challenges facing Melbourne's Urban Forest.

Explore the Map

Learn about the Issues

Attend the Workshops

➔ Visit the Urban Forest conversation website

➔ Email the Urban Forest team

MAP

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Urban Forest Fund





Green buildings



# What we are planning



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## City Champion for Heat Action



### Heat and Health Campaign

Communications package to increase public awareness of heat risks and how community can respond



### City as a refuge

Implement tactical cooling interventions in the public realm to create a refuge during heatwaves



### Advocating for heat action

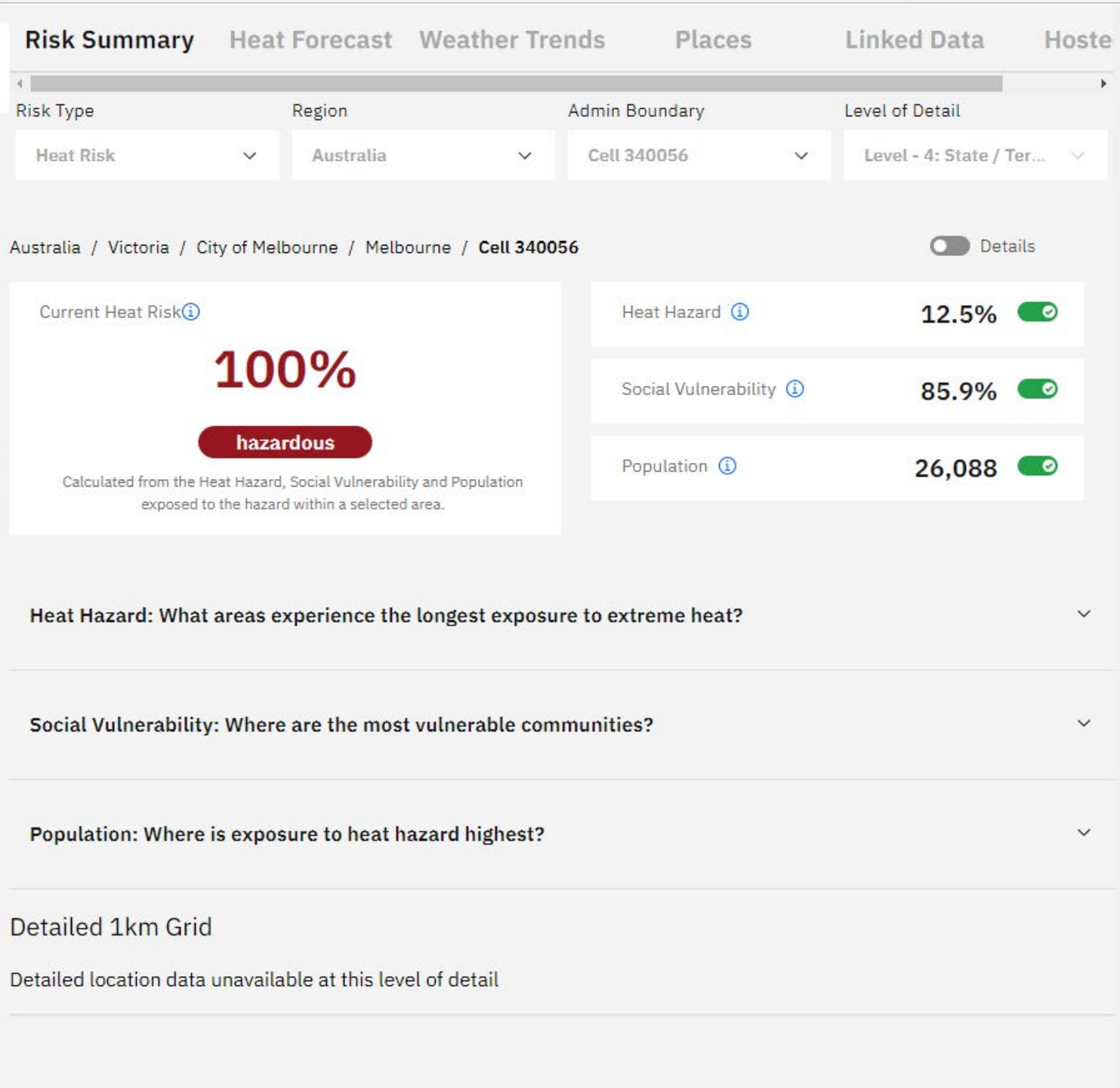
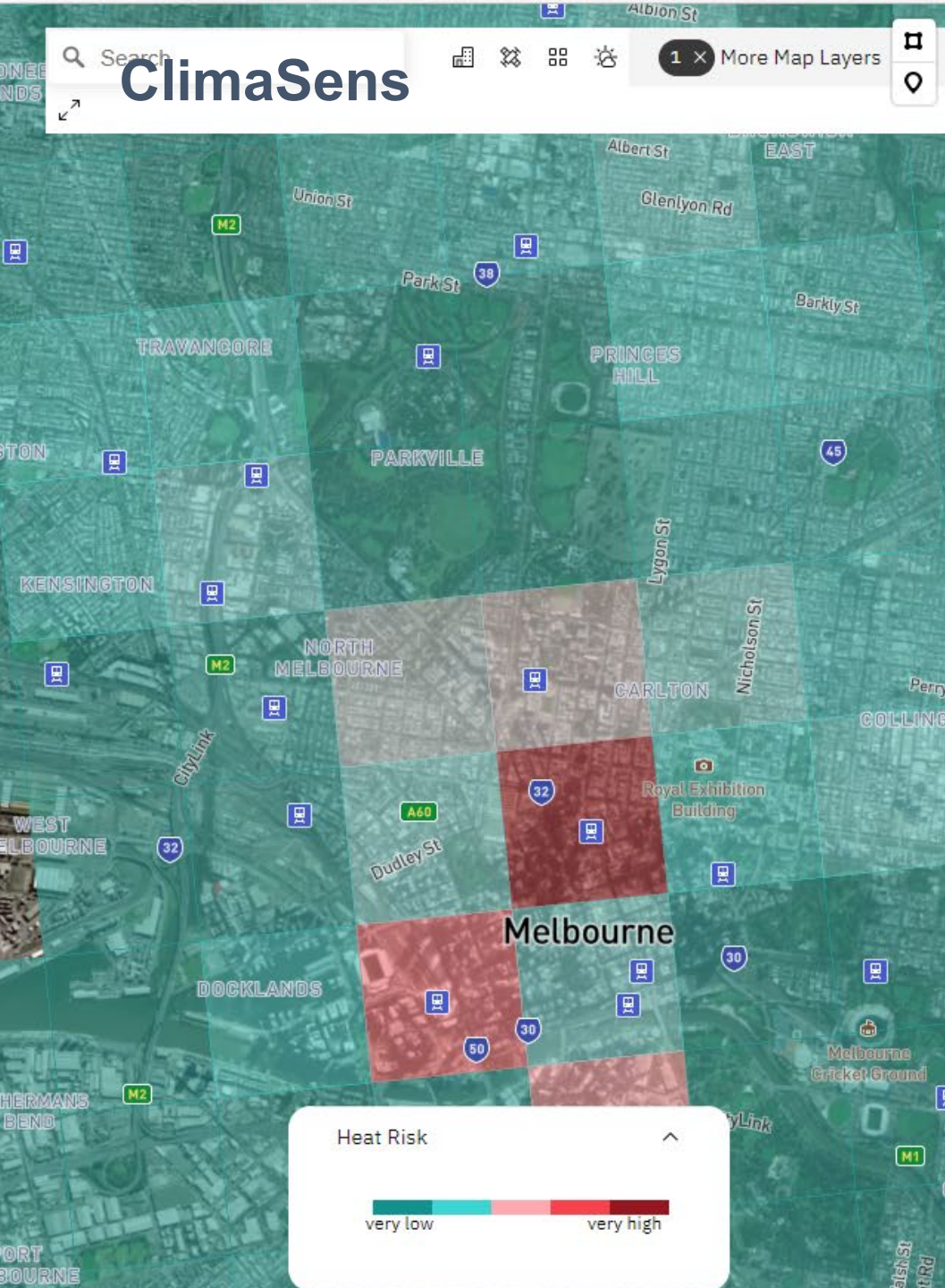
Advocate to other organisations to address the impacts of urban heat



# Hot spots









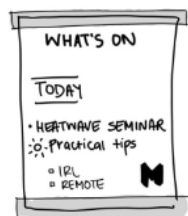
## Cool infrastructure





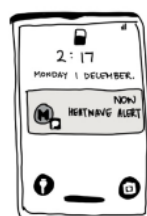
## 1 Heat Smart Seminars

A 1-hour group event that is run in community and recreation centres. The City of Melbourne offers heat health training and provides cooling equipment, ahead of summer.



## 2 Heat Relief Notifications

Push-alert that is sent to all residents about the services that are available at the time of a heatwave. Residents are given the option to request a call back from a Care Team.



## 3 Heat-Kit

A kit of physical, low-cost cooling equipment. Distributed to residents who live in homes which are not resilient to extreme heat.



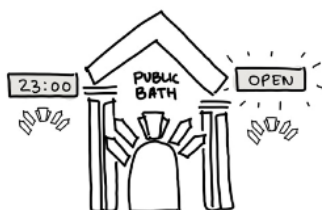
## 4 Refuge Shuttle

A free community shuttle service to shopping centres and other places of refuge during heatwaves.



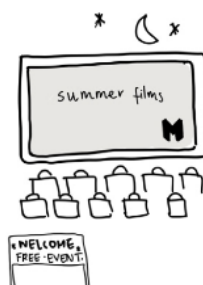
## 5 Moonlight Laps

Late-night opening hours at all City of Melbourne pools. Free after 7pm for those with a health-care card.



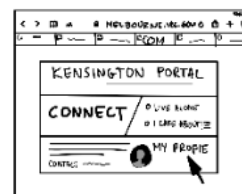
## 6 Hot-Night Events

Evening event series which is free and accessible to residents in the community.



## 7 Neighbourhood Connector

A new function of the Neighbourhood Portal which allows residents to set up profiles. People can connect with others who have also expressed a similar desire for local community connection.



## 8 Neighbourhood Heat Officer

Individuals in the community who volunteer for the role of Neighbourhood Heat Officer. They are supported by the Chief Heat Officer, and enabled with the skills to care for their local community.















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# Extra slides that might be useful









