



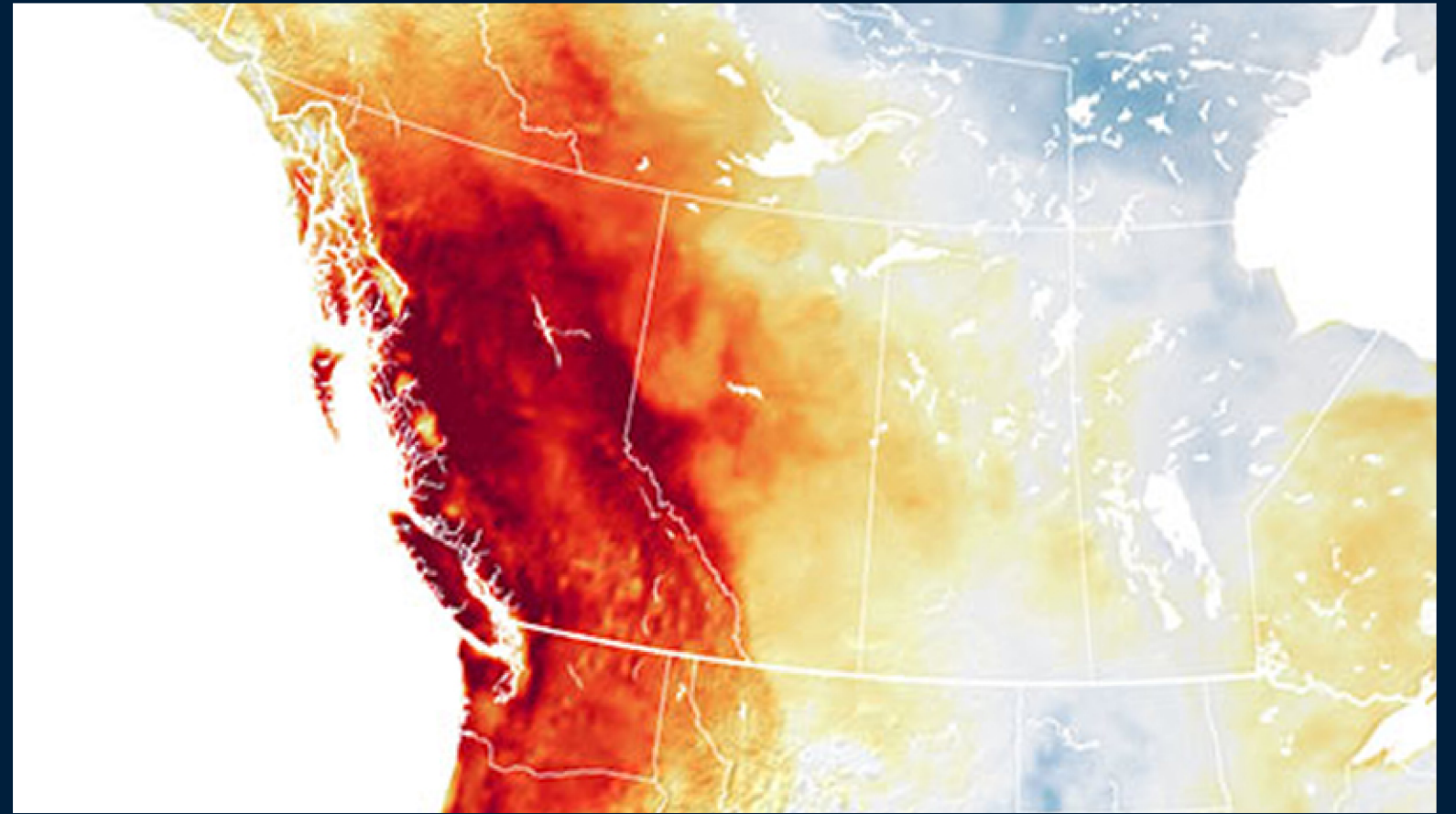
How local governments
can adapt to
Extreme Heat

By UBC Students:

Anusheh Ayyaz, Walter Cheng, Sheree Emmanuel, Georgia Hutchison, Jasmeen Kaur Sidhu

The problem: **Extreme Heat**

As climate change intensifies weather patterns across the globe, advocates are calling for local governments to better protect their citizens from extreme weather.



The problem we are tackling: **Extreme Heat and Equity**



how to better protect the most vulnerable populations
from extreme heat



Our Response - PPR



PREVENTION



PREPAREDNESS



RESPONSE

What's being done about tackling extreme heat and equity?

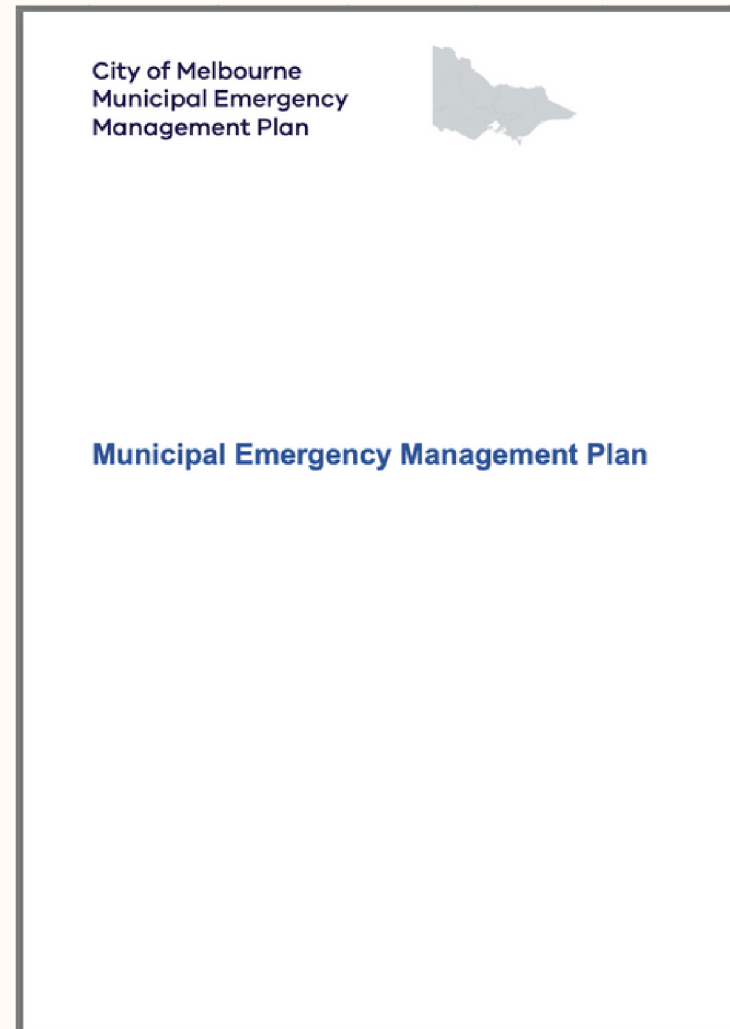
Case Study 1: Prevention

VANCOUVER'S CLIMATE CHANGE ADAPTATION STRATEGY (2024-2025): EQUITY BUILT-IN



Case Study 2: Preparedness

MELBOURNE'S EMERGENCY MANAGEMENT PLAN - HEAT WAVE: HEAT DASHBOARD



Case Study 3: Response

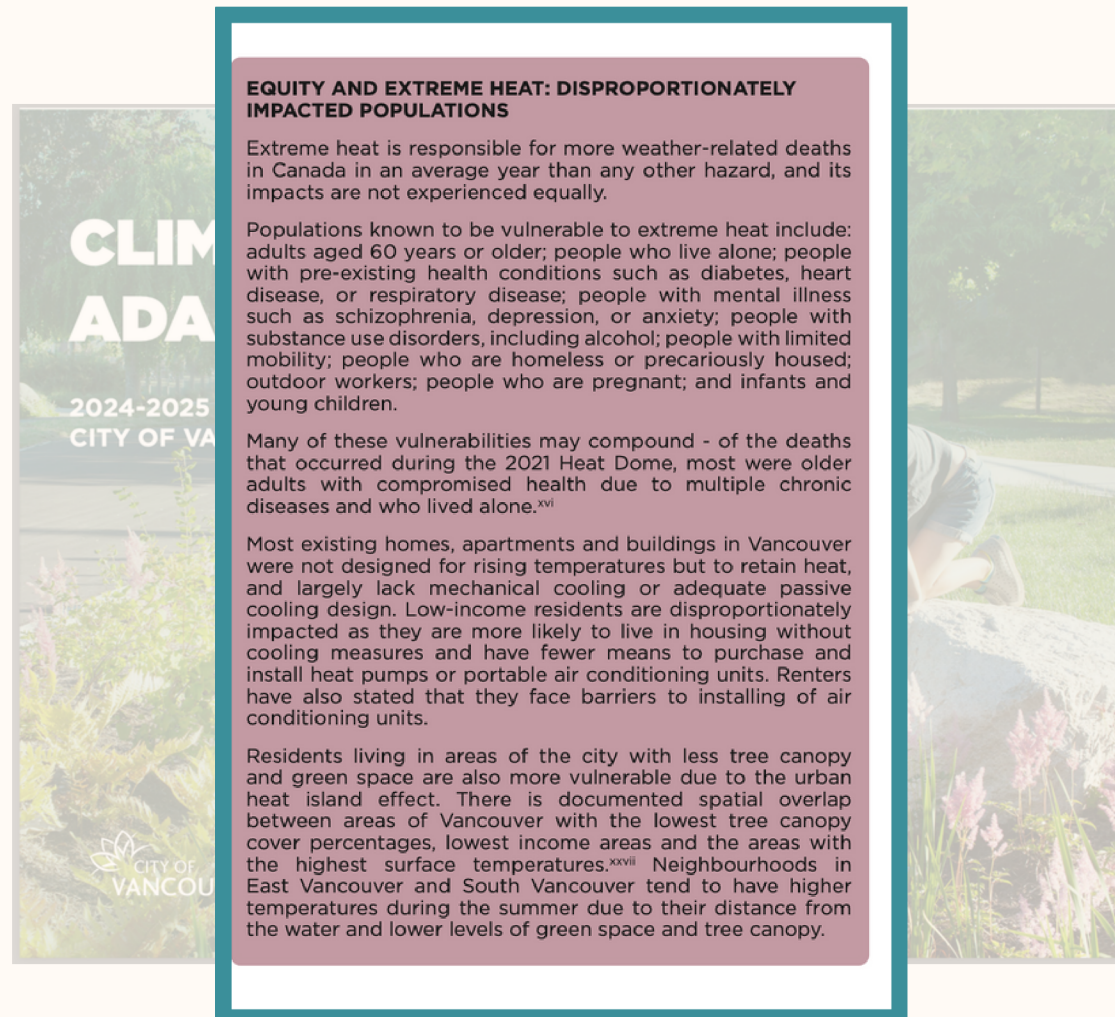
NEW YORK CITY'S COOL NEIGHBOURHOODS NYC: BE A BUDDY NYC



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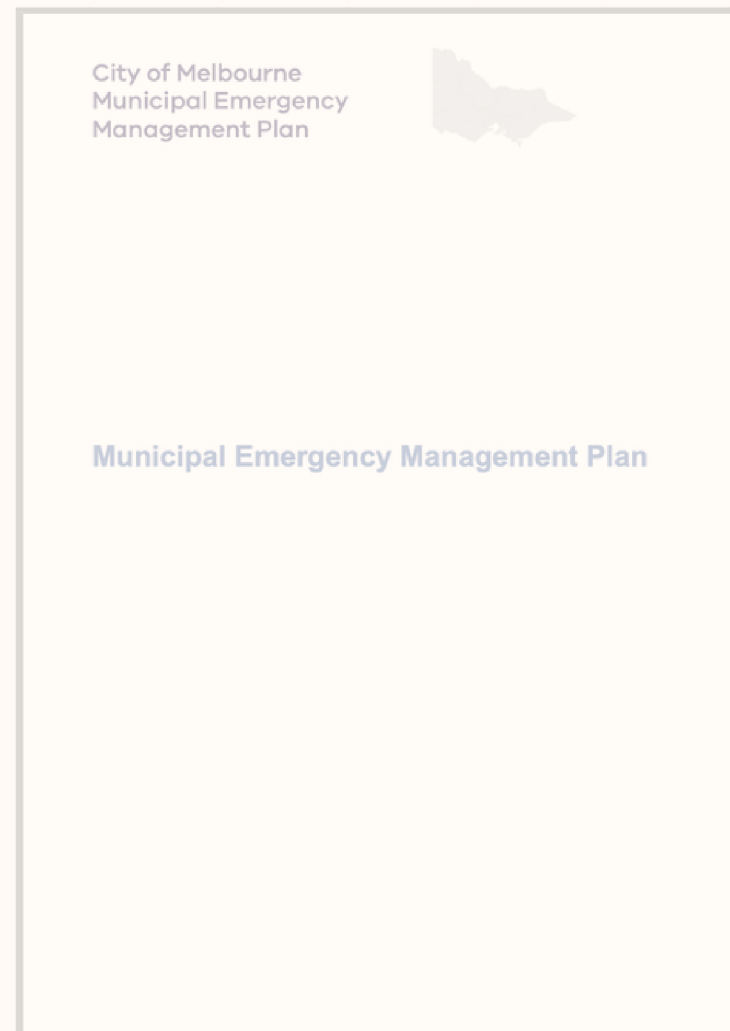
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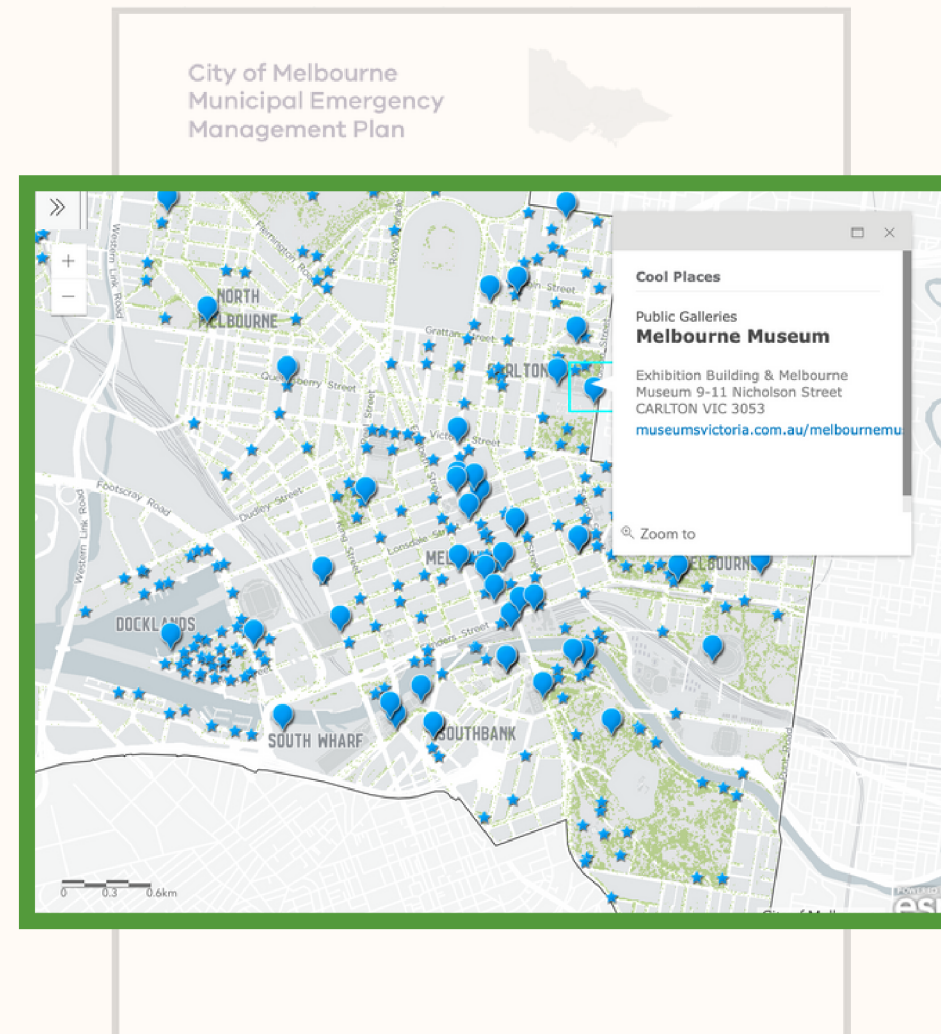
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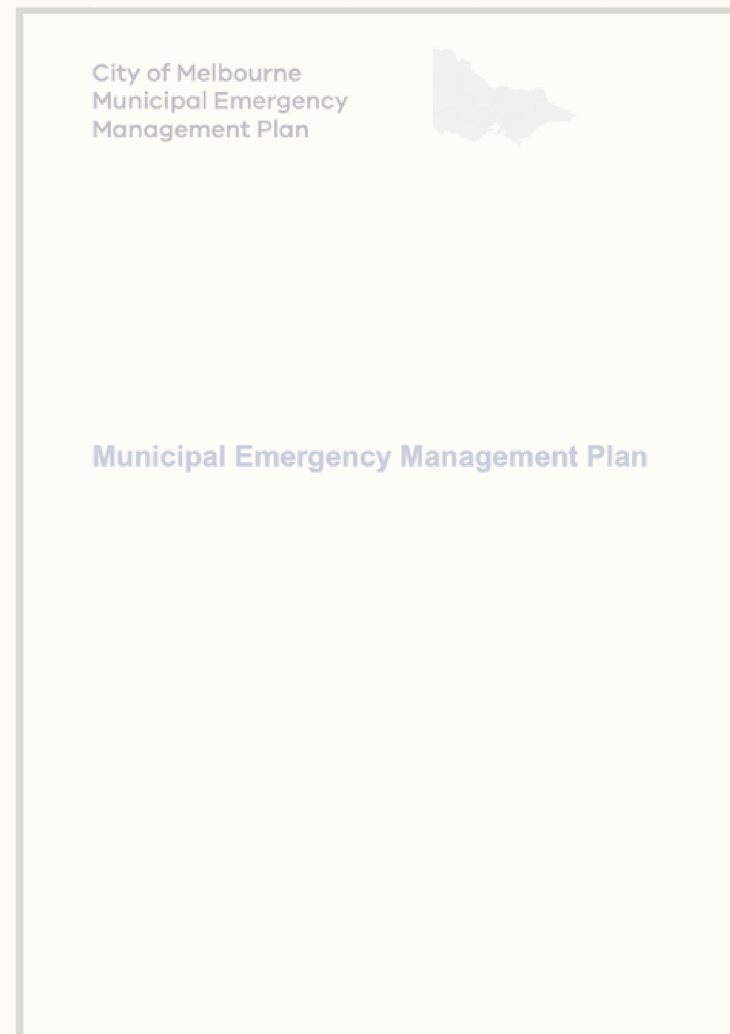
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Rec 1: P-Prevention

Update existing climate change related plans (adaptation, mitigation, action, emergency) to ensure there is an **extreme heat section** and a focus on **equity**, ensuring the most vulnerable populations (seniors, unhomed, etc) are planned for.



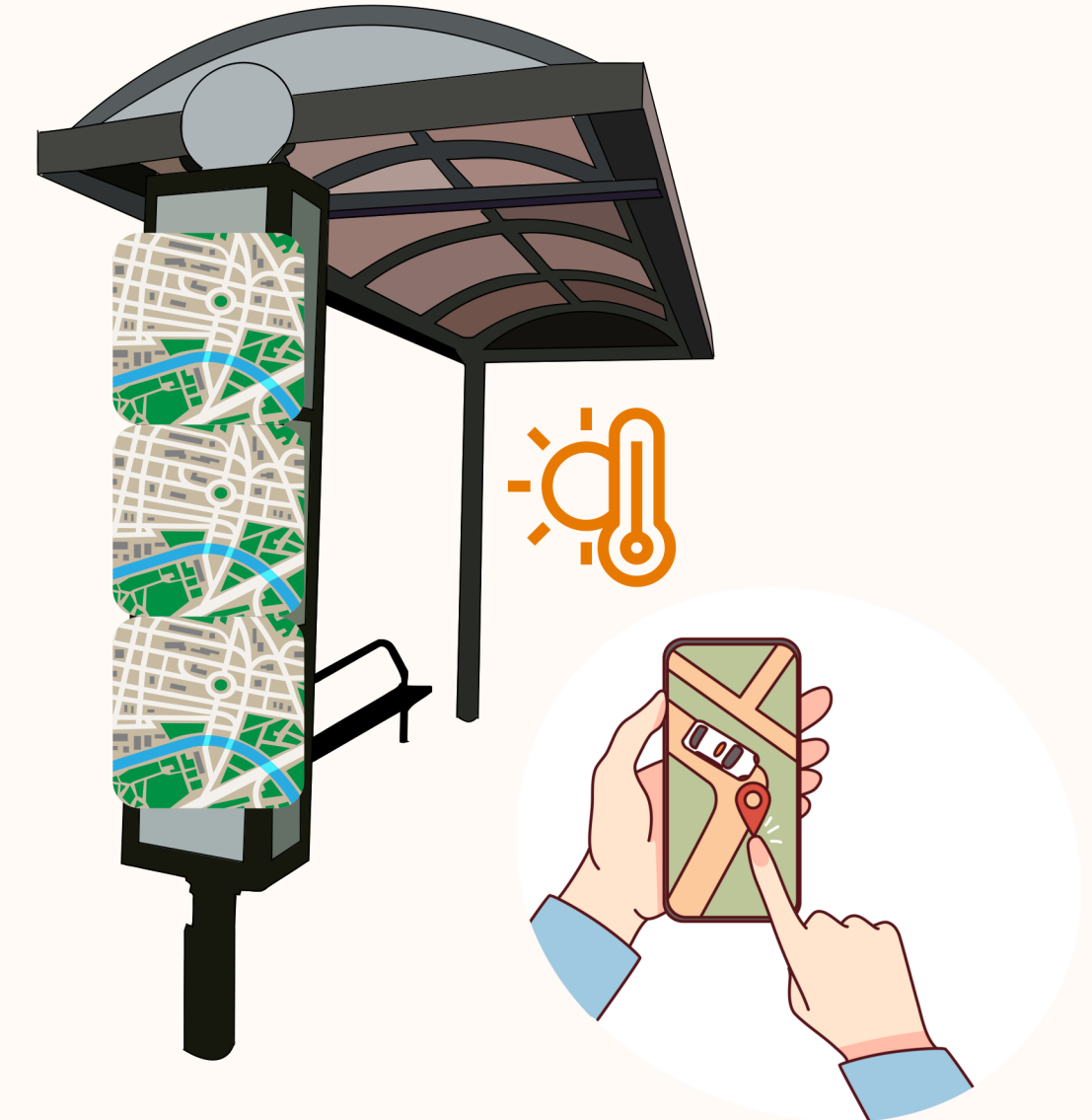
LEVEL OF IMPLEMENTATION

REGIONAL AND LOCAL GOVT

Rec 2: P-Preparedness



Develop an interactive dashboard (an app and public street dashboards) to locate heat relief infrastructure as well as guidance on where to install, maintain, and improve infrastructure to **ensure accessibility** and effectiveness of heat relief infrastructure across the city



LEVEL OF IMPLEMENTATION

LOCAL GOVT

COMMUNITY LEVEL



Rec 3: R-Response

Create / Update an **Extreme Heat Response Plan** with an **equity lens**, ensuring actions for the most vulnerable populations are included in response plans.



LEVEL OF IMPLEMENTATION

REGIONAL AND LOCAL GOVT

THANK YOU