

SPARK!

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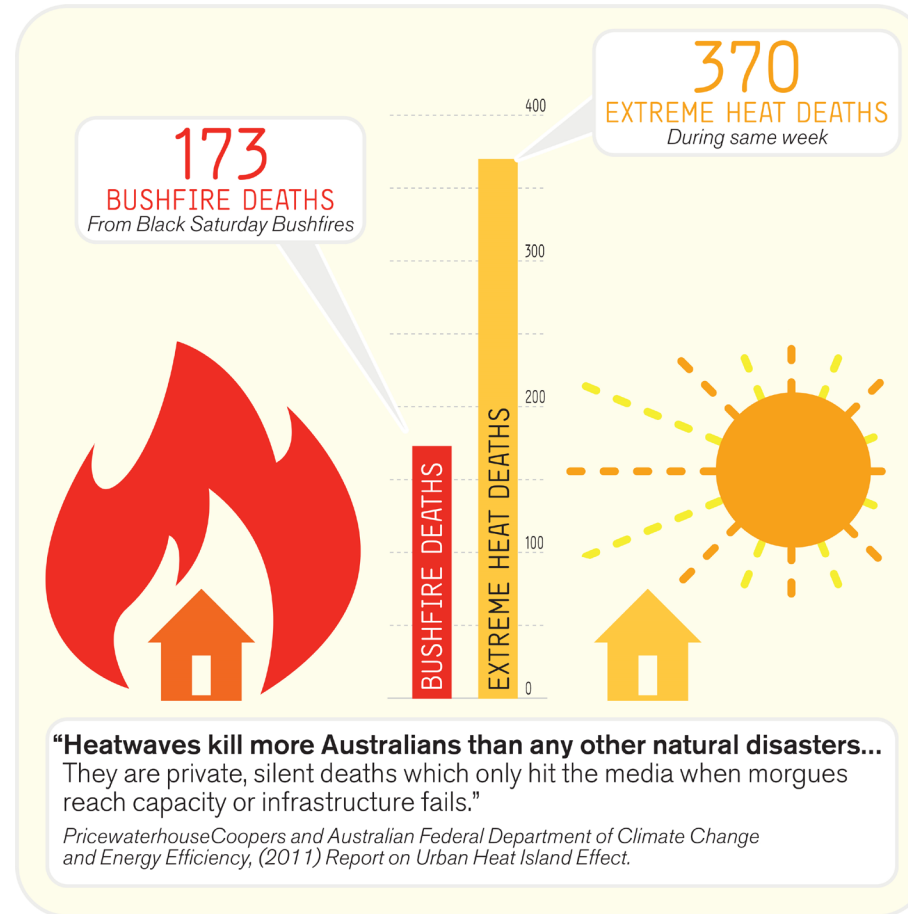


Cooling Communities

Moreland CC & MEFL: reducing urban heat vulnerability



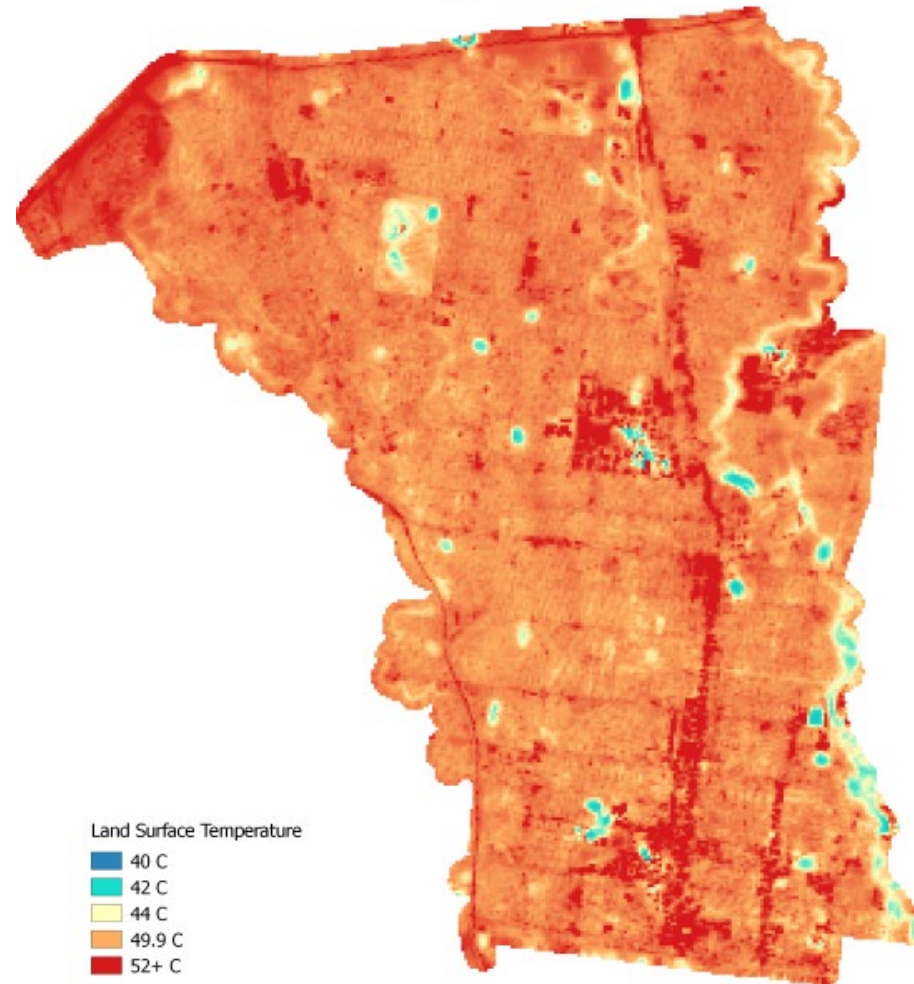
Urban heat is dangerous!



Source: Moreland City Council Urban Heat Island Action Plan, 2016.

...and Moreland is very hot

**Moreland City Council Thermal Image
14 January 2014
10am**



Why social housing?

Social housing (state managed 'public housing' & non-for-profit 'community housing').

1. Residents more likely to be **impacted by heatwaves**
2. Social housing is frequently **old, inefficiently designed** and **poorly maintained**
3. Community housing sector as a proportion of social housing is **growing**

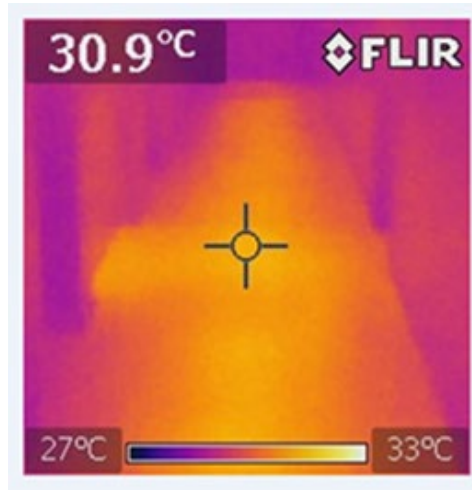


What did we do?

- How are residents coping with the heat?
- What can we do to help?
- How can this be replicated for other homes?
- What are barriers to this work?



Findings



Source: K. Skidmore - taken 11am on 23 February 2017.

External temperature was 22.6 degrees Celsius (max. 25 degrees).



"I usually go to bed at 2am when it is very hot"

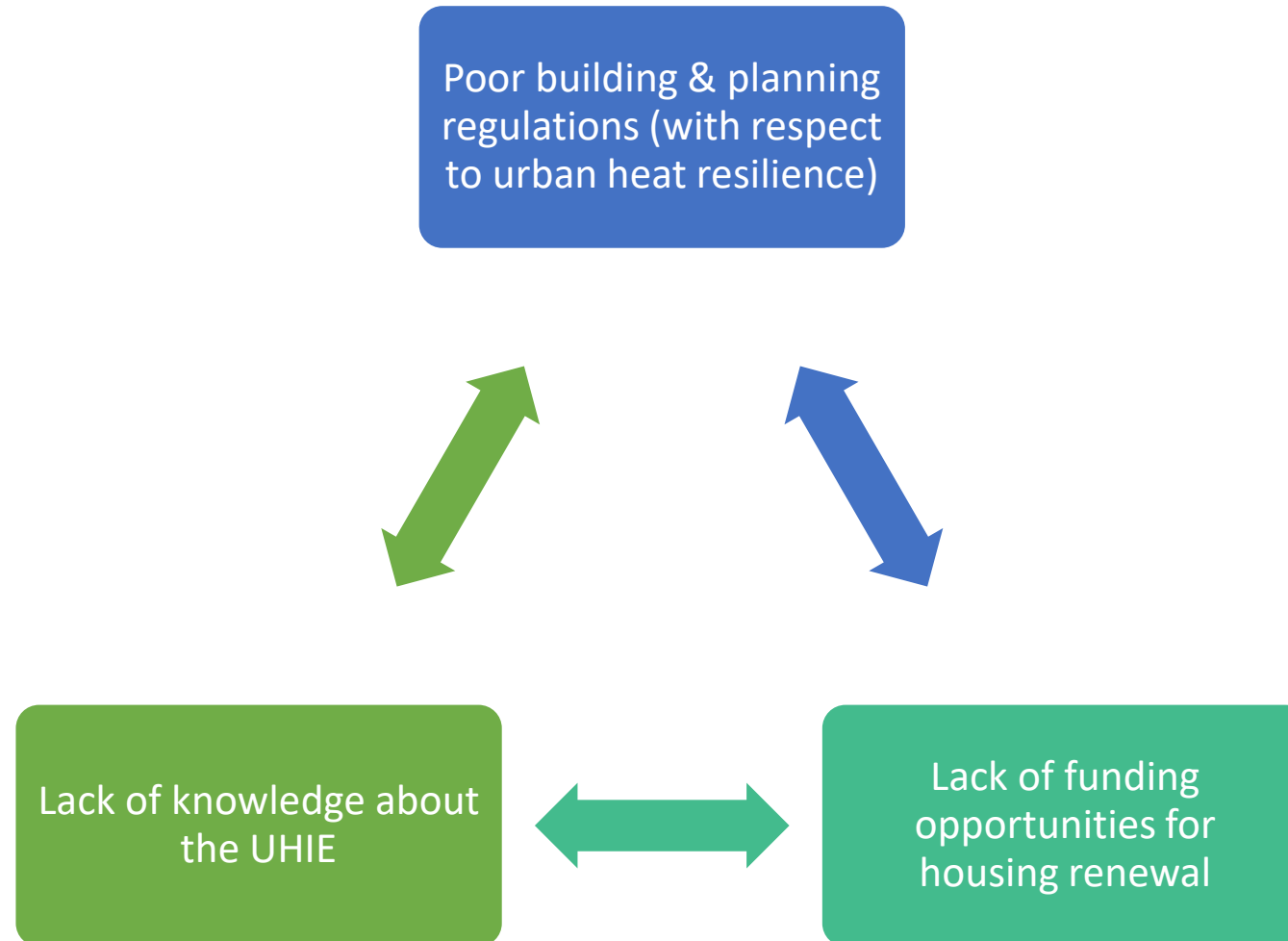
"It's difficult to get a good sleep during summer"

"I prefer to sleep on the floor than in my bed. My bedroom is too hot"

"I keep the blind down in my bedroom but it's still really hot"

"It's an oven in summer" Resident describing the apartment hallway





Using our learnings

1. Future social housing projects (see right – Gronn Place, Brunswick West)
2. Reinforce importance of building properly & upgrading properties
3. Ways to mitigate & prevent UHIE
4. Reframing: buildings are for people, not planning or Code compliance

