Experience Focus

**1 Location Selection**

Use interactive map to identify streets for intervention

Facilitator
Council
Practitioners
Community

**2 Site Visit**

Visit selected street with community members to identify nuisances and delights

Facilitator
Council
Practitioners
Community

**3 Future Experience**

Use experience assets cards to develop ideas for desired future experience in the selected street

Facilitator
Council
Practitioners
Community

Cooling Focus

**4 Concept Development**

Develop cool street concept based on input from future experience workshop and with help of cooling assets

Facilitator
Council
Practitioners
Community

**5 Feedback Session**

Present street concept to community for feedback and to foster a sense of ownership

Facilitator
Council
Practitioners
Community

Series of Co-Design Workshops

# A Toolkit for Co-Designing Streetscapes for A Cool Pedestrian Network in Melbourne, Australia

**Project Context and Goal**

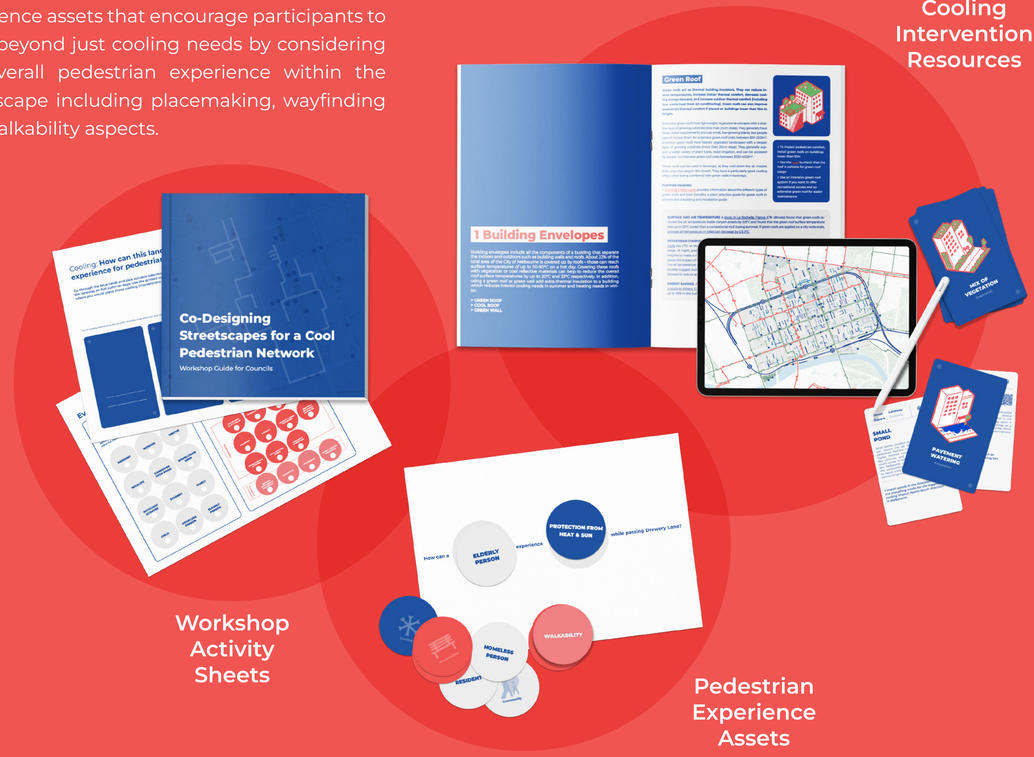
Global temperatures are rising, and climate change is leading to an increase in extreme weather events such as heatwaves, droughts, floods, storms and fires (WMO, 2022). The increase in unusually hot days and heatwaves is also noticeable in Melbourne, Australia. By 2050, Melbourne is projected to have an annual average of 16 hot days with temperatures exceeding 35°C (DELWP, 2019). To explore how Melbourne can improve city resilience and protect its citizens from the heat, this graduation project explored how toolkitting can enable the engagement of different stakeholders in the planning of heat-adapted public spaces and support them in sharing and gaining knowledge throughout the process.

**Research**

Street observations and interviews with pedestrians and the council helped to identify the opportunity to develop a cool pedestrian network through Melbourne. Research into the shortcomings of existing, often text-heavy cooling toolkits motivated the aim of creating an interactive and tangible toolkit. Literature research helped to identify suitable cooling interventions for Melbourne's climate, while insights from placemaking research inspired the inclusion of placemaking, wayfinding, and walkability aspects into the toolkit to address the overall pedestrian experience beyond just cooling.

**Result**

The result is an interactive and tangible toolkit that has been tested and refined through co-design workshops with citizens and the city council. The toolkit includes a series of co-design workshops in which the council, design practitioners and community members co-design streetscapes for a cool pedestrian network in Melbourne. It includes evidence-based, mix-and-match cooling intervention assets but also experience assets that encourage participants to think beyond just cooling needs by considering the overall pedestrian experience within the streetscape including placemaking, wayfinding and walkability aspects.




Workshop Activity Sheets

Cooling Intervention Resources

Pedestrian Experience Assets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**Project** A Toolkit for Co-Designing Streetscapes for A Cool Pedestrian Network in Melbourne, Australia

**Graduation** September 28th, 2023

**Study** MSc Integrated Product Design

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