RESTORING NATURE

SUPPORTING EQUITABLE TRANSITIONS

MOBILISING CLIMATE LEADERS

PRESENTATION



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City of Hobart



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RESTORING NATURE

18 February 2024

Climate Assembly
Restore Nature Presentation

Presenter: Jordan Cargill – Open Space Planner

City of HOBART

www.hobartcity.com.au



Intro / Content

- Problems/Risks
- Opportunities / Solutions
- Summary
- Goals / Objectives

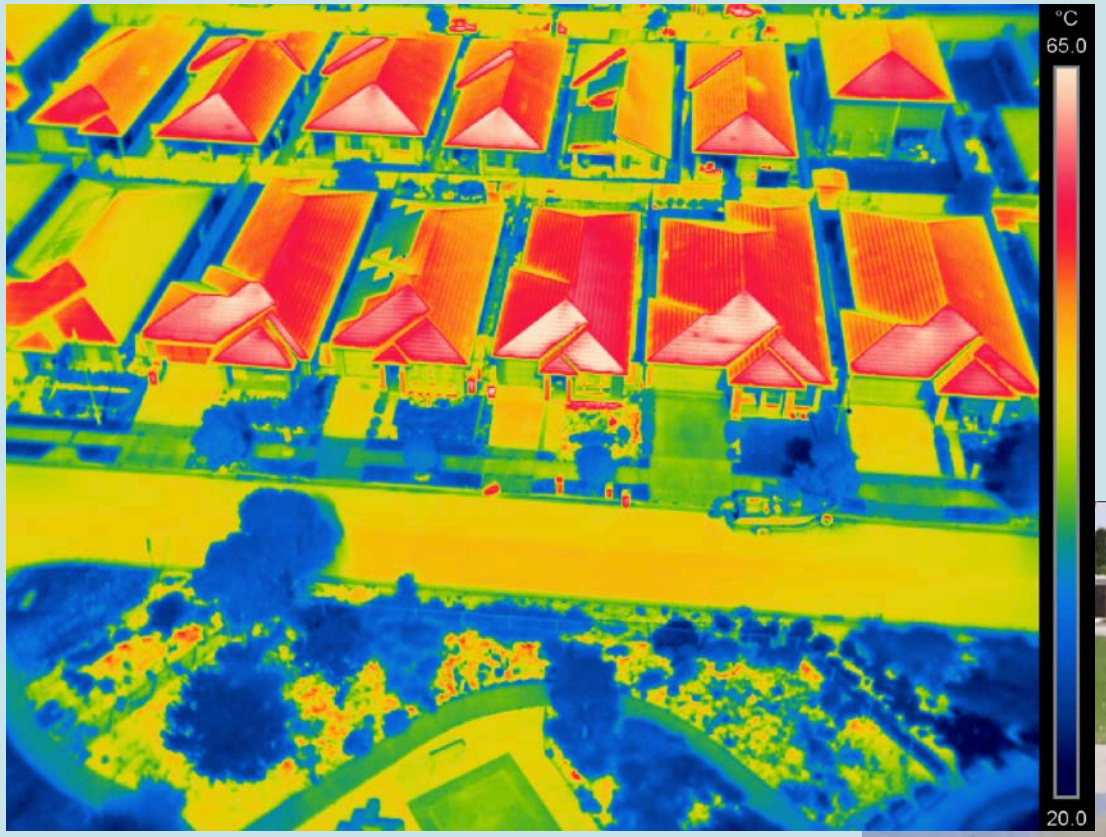


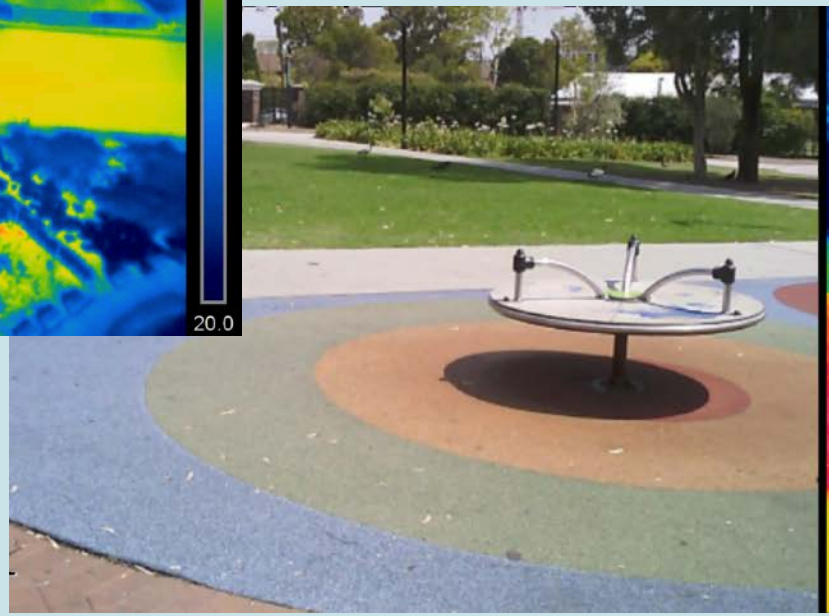
Problems/Risks

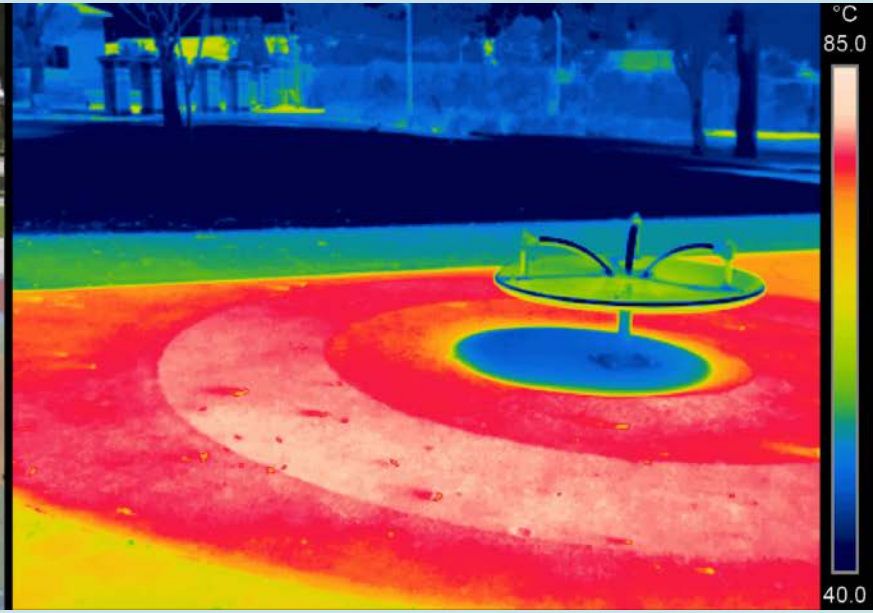
Problems / Risks

- Urbanisation can increase the negative *impacts* of extreme weather e.g. hard surfaces - stormwater, urban heat
- Unhealthy environments limits their ability to provide ‘ecosystem services’ and climate change mitigation e.g. natural processes that provide fresh air, clean water, food, carbon sequestration, stable climate
- Poor access and exposure to nature has a negative effect on our social health – crime, anti-social behaviour, health

Example images – issues







City of HOBART

Source: Climate Council





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Source: The Conversation/UTAS [Lessons in resilience: what city planners can learn from Hobart's floods (theconversation.com)]



Source: Mercury - [Hobart floods gallery: The aftermath | The Mercury]



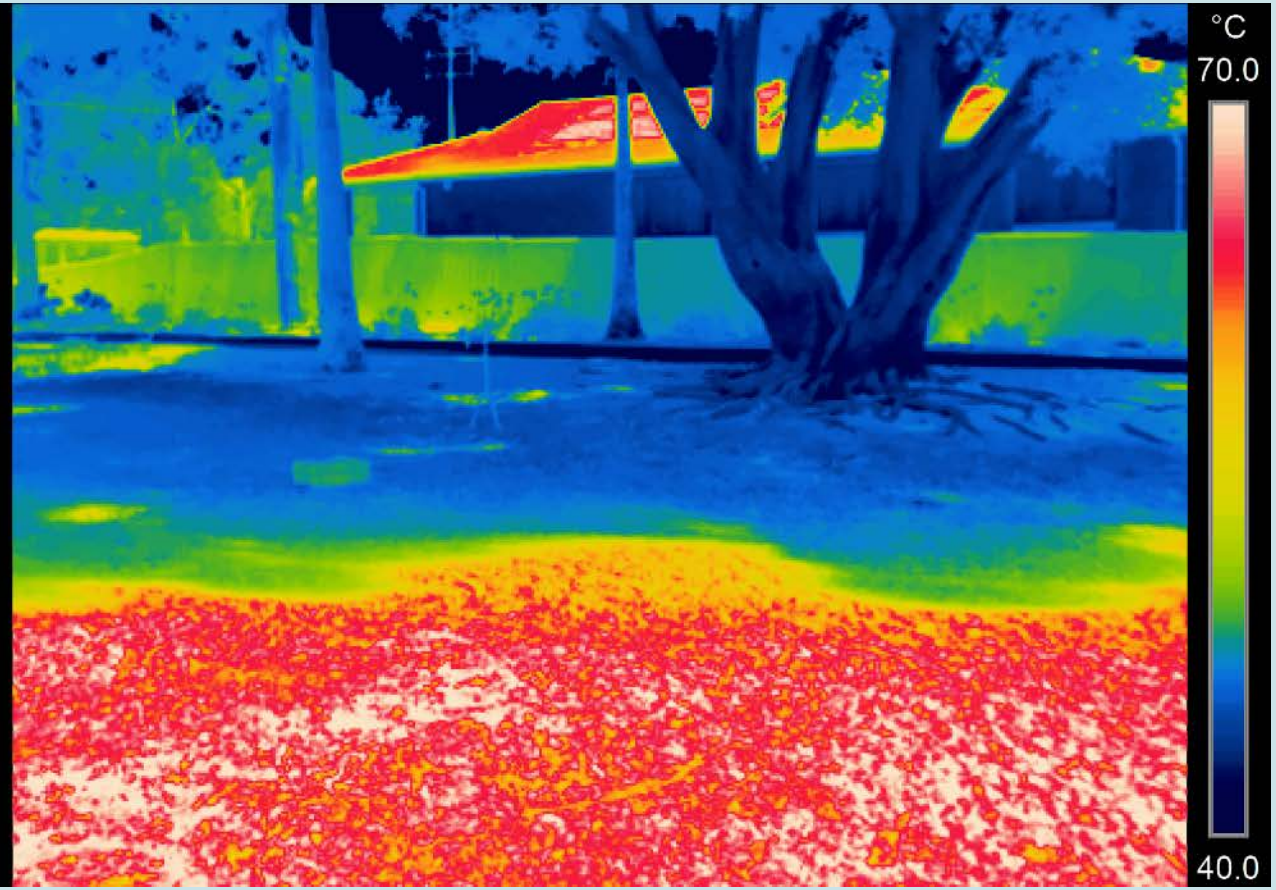
Restore Nature Opportunities

Restore Nature Opportunities

- Nature can buffer against and reduce the effects of extreme weather, increasing resilience
  - e.g. Urban vegetation reducing flooding, urban heat and wind speeds
- Healthy natural environments provide increased 'ecosystem services' and climate change mitigation (e.g. air, water, food, climate sequestration, stable climate, lower fire risk)
  - E.g. natural processes are maintained to support human health
  - Bushlands are 'managed' to reduce fire risk/avoid catastrophic bushfires, improve enviro health and store carbon
- Nature exposure and access can improve social health, connectivity and resilience
  - Exposure to nature improves mental and physical health & social-cohesion, reducing isolation, anti-social behaviour and crime – important during/after natural disasters
  - Gippsland storms – 'wouldn't want to live anywhere else in a time like this'

Example Images - solutions





City of HOBART

Source: Climate Council





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Source: Hobart Rivulet Walk — Dodgy Knees

Hobart Rivulet – Natural corridor

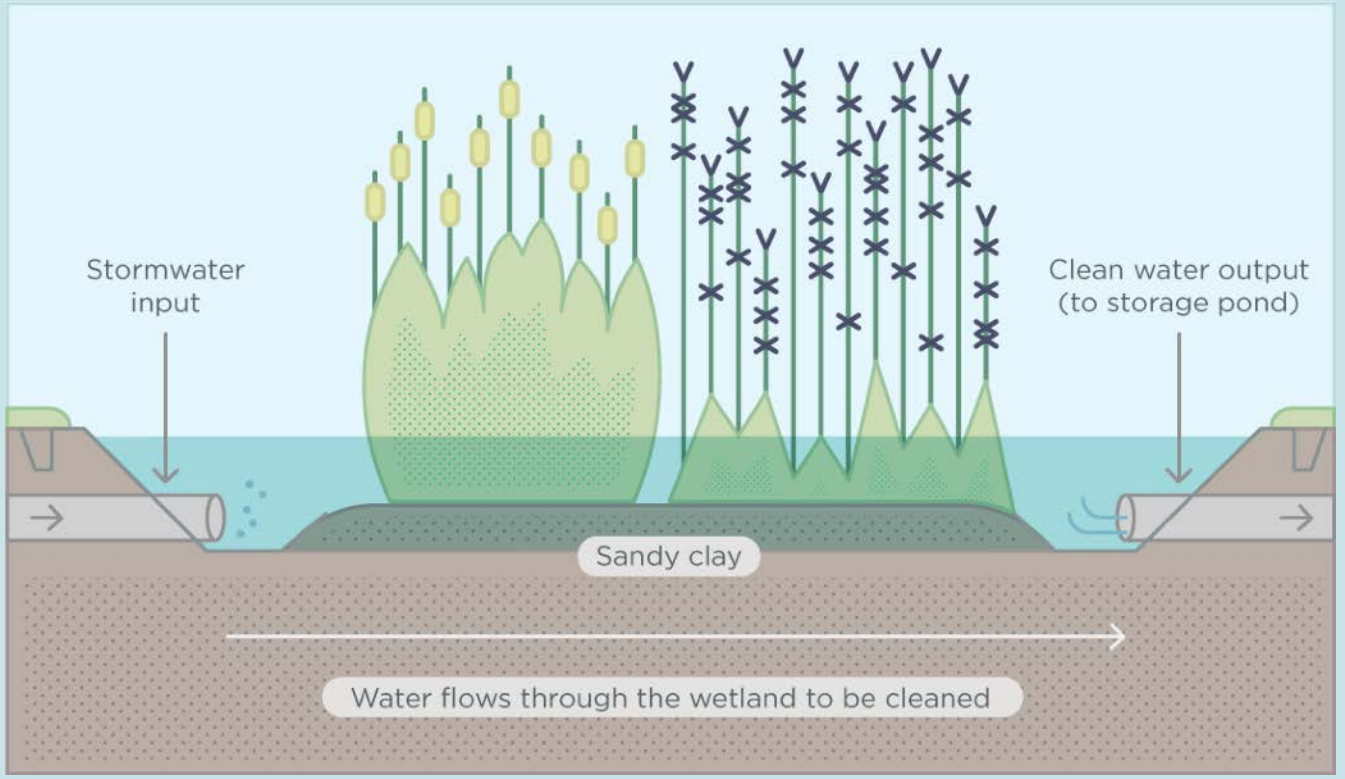
Source: City of Hobart



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Source: CSIRO - Three practical ways to support Indigenous landscape burning in Australia - CSIRO





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Source: Melbourne Water (Authority) – Royal Park - Constructed wetlands | City of Melbourne Urban Water

Summary

Restoring nature can:

Reduce the impacts of extreme weather

Provide ‘ecosystem services’ and climate change mitigation – air, water, food, carbon sequestration, lower fire risk

Support healthy, resilient communities

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RESTORE NATURE

DRAFT

PRIORITY

Restore nature to better absorb emissions, increase biodiversity and withstand climate shocks and stressors through protecting, managing and connecting natural systems in our living city.

GOALS

1	2	3
A green, cool city	Healthy bushland and open space	Healthy waterways and coastal areas

OBJECTIVES

1	2	3
Create a green city with ample canopy cover and cool space where people can seek refuge	Bushland and open spaces are protected, managed and connected	Improve the health and connectedness of waterways and coastal areas
Support biodiversity and local functioning ecosystems in a changing climate	Effectively use planned fire to address bushfire risk and increase biodiversity	Integrate management of water resources and the built environment into urban planning
	Manage the impact of invasive species and diseases that will increase due to climate change	Manage waterways as multi-purpose ‘corridors’ to support risk mitigation and increase biodiversity

Questions…?



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SUPPORTING EQUITABLE TRANSITIONS

WHAT IS AN ‘EQUITABLE’ OR ‘JUST’ TRANSITION’?

“An overarching concept of ensuring fairness and equity in the process of transitioning to a net zero economy, ensuring that no one is left behind and that the most vulnerable communities and workers are supported during the transition.”

https://www.edie.net/what-is-a-just-transition-and-why-do-we-need-one/

‘VULNERABLE’ OR ‘PRIORITY’ COMMUNITIES?

- *Aboriginal communities, and people from CALD communities.*
- *Babies, children, and older people.*
- *People living in below standard, insecure, or inappropriately located dwellings.*
- *People with chronic health conditions.*
- *People living with a disability.*
- *People living on insecure or lower incomes.*
- *People working in ‘high risk’ industries.*

ISSUE 1

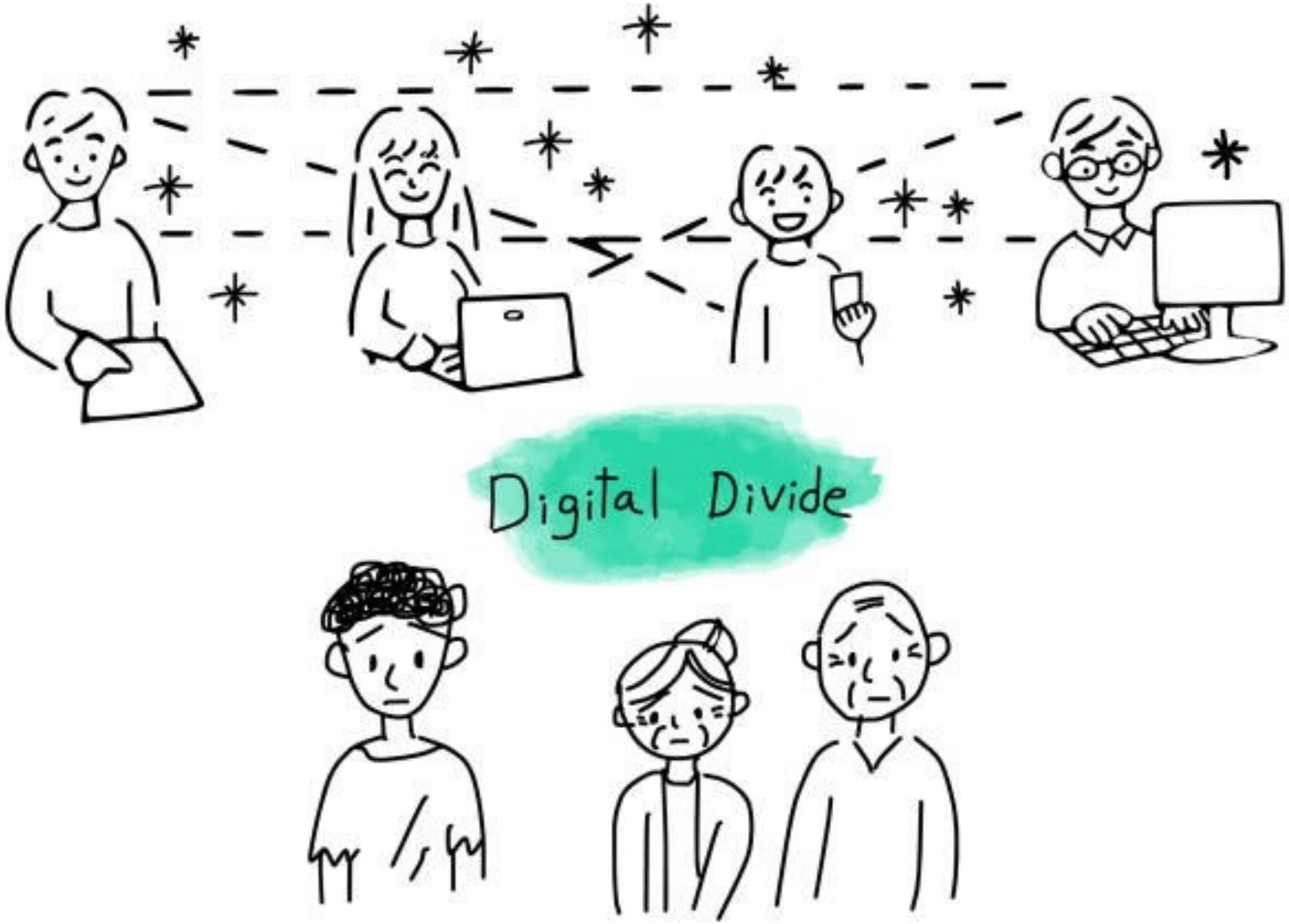
The economic, environmental, health and social consequences of climate change will have a disproportionate impact on priority communities.



Poorer people are more vulnerable to the impact of extreme weather events. Pictured: the aftermath of Typhoon Haiyan. DFID - UK Department for International Development/Flickr, CC BY

ISSUE 2

The ability to access, understand and utilise information and resources that support responses to climate related impacts is different for different groups within the community.



https://www.linkedin.com/pulse/bridging-digital-divide-transformative-power-higher-john-saavedra

ISSUE 3

Social Capital and Social Cohesion contribute to and help to build more resilient communities that can adapt to and recover more quickly from increasingly extreme and unpredictable climate related impacts.

SOCIAL CAPITAL

"The networks of relationships among people who live and work in a particular society, enabling that society to function effectively.“

https://www.lexico.com/en/definition/social_capital

SOCIAL COHESION

“The collective attributes and behaviours characterised by positive social relations, a sense of identification or belonging, and an orientation towards the common good.”

https://www.mdpi.com/2673-8392/3/3/75

HOBART TOGETHER

Physically distanced but still connected



hobartcity.com.au/HobartTogether

City *of* HOBART



GET HELP

There are a range of great services out there to provide you with the support you need.

BE KIND

We encourage you to look after yourself and to show respect and kindness to those around you at this time.

KEEP CREATIVE & ENGAGED

See our hot tips for the best local and global creative activities to keep you inspired.

CONNECT WITH THE CITY OF HOBART

We are continuing to provide our usual services. Get the latest updates and provide us with your feedback.

hobartcity.com.au/HobartTogether

6238 2711 coh@hobartcity.com.au

Hobart Together is a project of Resilient Hobart.

City *of* HOBART

SPARKING CONVERSATIONS igniting action



Helping communities prepare for bushfire

Sparking Conversations, Igniting Action is a community bushfire resilience project working across four Greater Hobart council areas to provide communities with the support they need to better prepare for and build resilience to bushfire.

Our project team is working closely with approximately 150 households in each of the 12 neighbourhoods of Austins Ferry, Claremont, West Moonah, Lenah Valley, South Hobart, Mount Nelson, Bonnet Hill, Leslie Vale, Longley, Risdon Vale, Mount Rumney and Sandford.

Over the two year project our team will be offering tailored advice to households about preparing for bushfire and will work with communities to strengthen networks between neighbours that will help to create more bushfire resilient communities.

Sign up for our email updates to get the latest project news and to hear about events happening near you!

THINGS TO CONSIDER…

- The social and cultural impacts of climate focussed responses.
- The diversity of abilities, experiences and resources of the community.
- Supporting economic diversification.
- Regeneration of degraded areas.
- Facilitating community connectedness
- Government income support to workers.
- Early retirement packages.
- Business-led re-training programs to support alternative work opportunities.
- Supporting the diverse community to access information and resources.
- Fostering personal and community resilience.

REFERENCES

- * https://www.edie.net/what-is-a-just-transition-and-why-do-we-need-one/
- **https://unglobalcompact.org.au/wp-content/uploads/2019/08/2019.08.27_Just-Transition-Discussion-Paper.pdf
- https://unglobalaccelerator.org/sites/default/files/2023-05/Roadmap_Jobs%20and%20Just%20Transitions.pdf
- https://www.health.nsw.gov.au/environment/climate/Pages/who-is-most-at-risk.aspx
- https://theconversation.com/climate-change-will-widen-the-social-and-health-gap-30105
- https://www.climatechange.environment.nsw.gov.au/community-groups/effects-community-groups
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- https://www.racgp.org.au/advocacy/position-statements/view-all-position-statements/clinical-and-practice-management/the-impact-of-climate-change-on-human-health
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- https://unglobalcompact.org.au/wp-content/uploads/2019/08/2019.08.27_Just-Transition-Discussion-Paper.pdf

SUPPORT EQUITABLE TRANSITIONS

DRAFT

PRIORITY

Support equitable transitions through equal access to climate solutions, participation in new jobs and livelihoods, and ensure that our city's most vulnerable are not further disadvantaged by climate impacts and responses.

GOALS

1	2	3	4
Equitable city	Inclusive city	Connected & cohesive community	Just economy

OBJECTIVES

1	2	3	4
Ensure benefits of a climate ready Hobart extend to all residents and businesses operating in Hobart. Understand and manage climate risks and opportunities on equity.	Support low income and vulnerable people and residents. Ensure communications and education on how to be climate ready is accessible to diverse communities.	Increase social connectedness & cohesion to strengthen capacity to withstand shocks and stressors.	Support participation in new jobs and livelihoods in the climate ready economy.


MOBILISING CLIMATE LEADERS

PRIORITY

Mobilise diverse climate leaders with the knowledge, skills, networks and support to build climate readiness in our households, neighbourhoods, organisations and across our city.





LEADERS ARE TAKING ACTION IN...



HOUSEHOLDS



NEIGHBOURHOODS



ORGANISATIONS
& BUSINESSES



ACROSS THE CITY

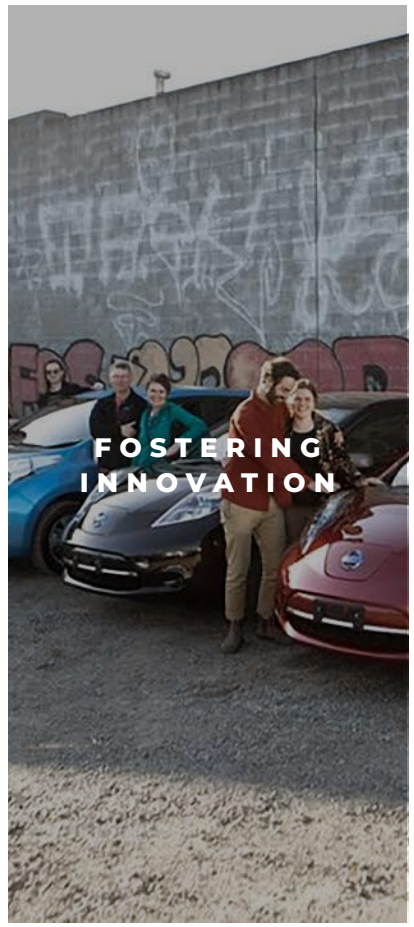
GOALS


INCREASING AWARENESS & PARTICIPATION


BUILDING KNOWLEDGE & SKILLS


INCENTIVISING ACTION


ENABLING COLLABORATION & LEADERSHIP


FOSTERING INNOVATION

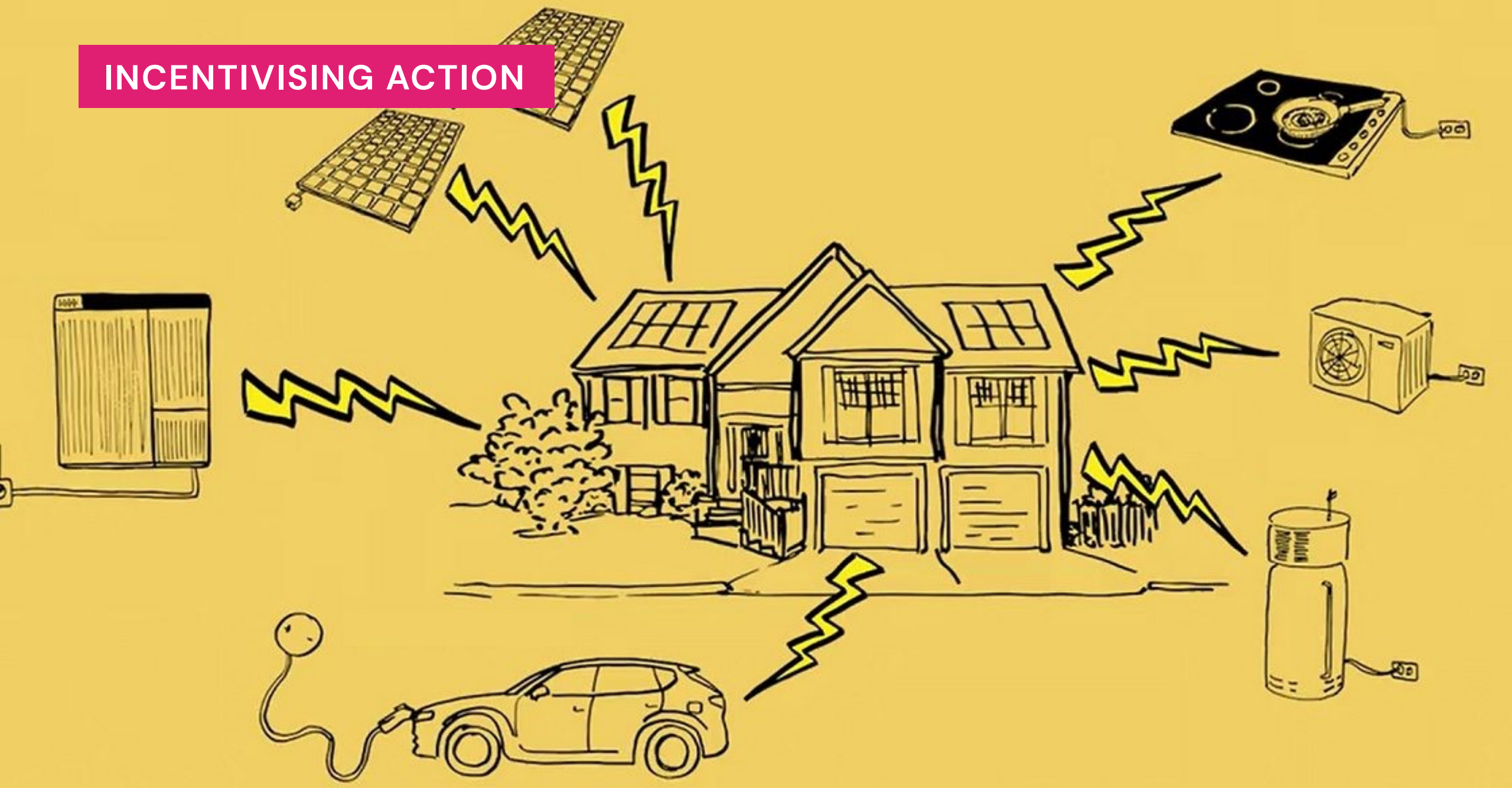
INCREASING AWARENESS & PARTICIPATION



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INCENTIVISING ACTION



ENABLING COLLABORATION & LEADERSHIP



FOSTERING INNOVATION



DRAFT

MOBILISE CLIMATE LEADERS

PRIORITY

Mobilise diverse climate leaders with the knowledge, skills, networks and support to build climate readiness in our households, neighbourhoods, organisations and across our city.

GOALS

1	2	3	4	5
Increase awareness & participation	Build knowledge & skills	Incentivise action	Enable collaboration & leadership	Foster innovation

OBJECTIVES

1	2	3	4	5
Build community awareness and ability to participate in climate readiness actions. Support community to access clear and engaging information on climate change risks and opportunities. Amplify positive stories of leadership, action and change.	Support community to build the knowledge and skills required to take climate readiness actions within their households, neighbourhoods and organisations.	Support and incentivise community to take practical climate readiness actions within their households, neighbourhoods and organisations.	Support climate leaders to connect and effectively collaborate on high-impact climate readiness initiatives. Enable climate leaders to actively collaborate with City of Hobart to guide ongoing climate strategy and solutions. Amplify First Nations and youth climate leader voices.	Recognise and celebrate outstanding climate leadership and innovation within the community. Support climate leaders and innovators to launch and grow new initiatives that build climate readiness.

DELIBERATION

Move to a table focusing on the priority you are most interested in. Take advantage of the Council subject matter expert to help you better understand the goals and objectives.

- To what extent do you support the goals and objectives?
- What are the reasons for your level of support?





REPORTING BACK

LEVEL OF AMBITION POLL

Go to

www.menti.com

Enter the code

5687 4075



Or use QR code

REFLECTIONS & QUESTIONS

Go to

www.menti.com

Enter the code

5687 4075



Or use QR code


NEXT STEPS & CLOSE
THANKS & SEE YOU IN MARCH