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Sustainability Victoria

David Leonard – Capability Lead

June 2023



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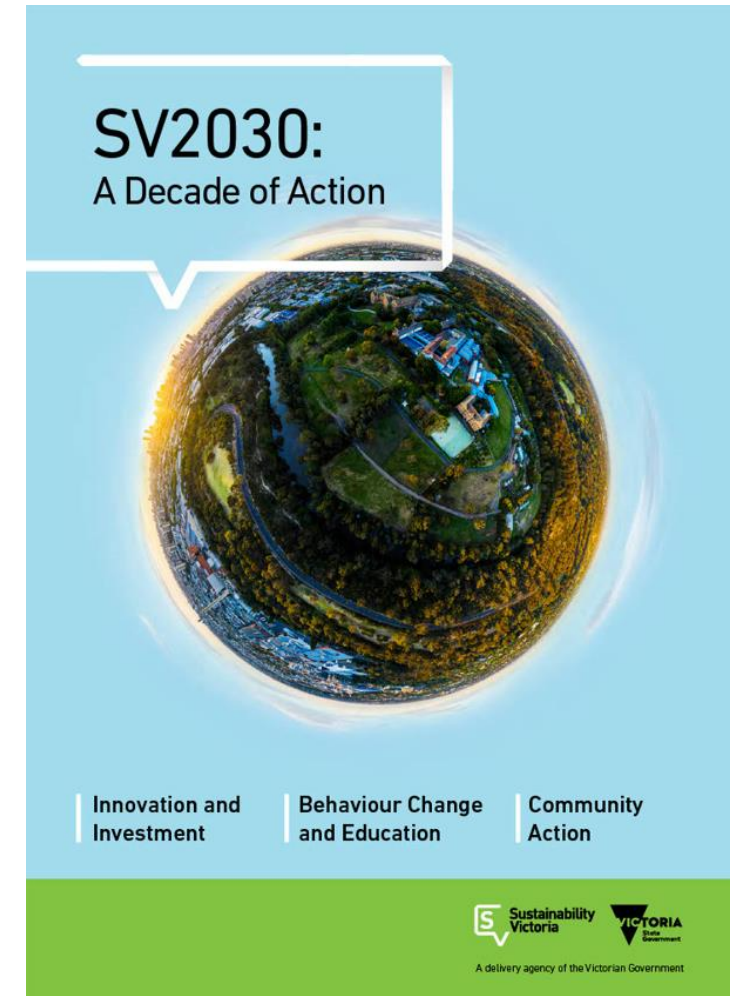
Our Vision

To accelerate Victoria's transition to a circular, climate resilient clean economy

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Our Focus Areas

- Innovation & Investment
- Behaviour Change & Education
- Community Action



Today - Will cover 4 Campaigns

Healthy Homes



Circular Economy Community Fund



Small Acts / Big Impact

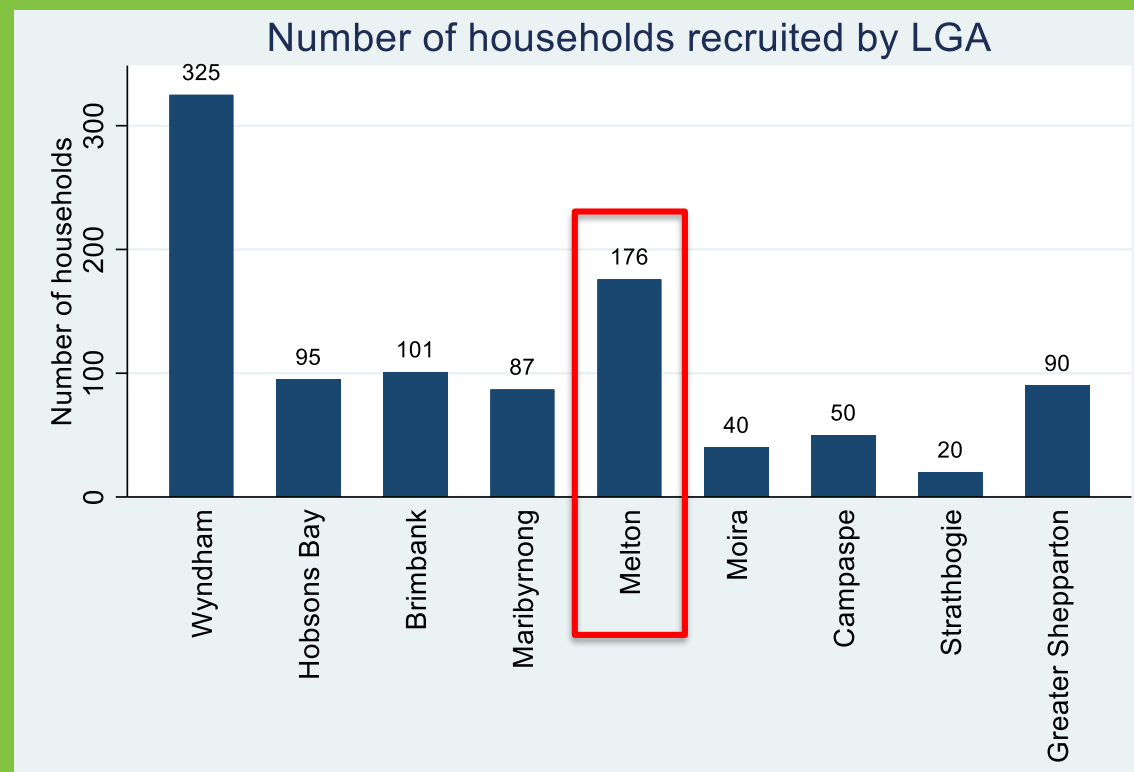


SUP-Single Use Plastic Ban





Healthy Homes: 1000 upgrades



- » 1000 households: western Melbourne (5 LGAs), Goulburn Valley (4 LGAs).
- » Free home upgrade (up to \$3,500), focus on thermal comfort and energy efficiency during winter.
- » Insulation, draught-sealing, efficient heating, window coverings.

What we set out to test

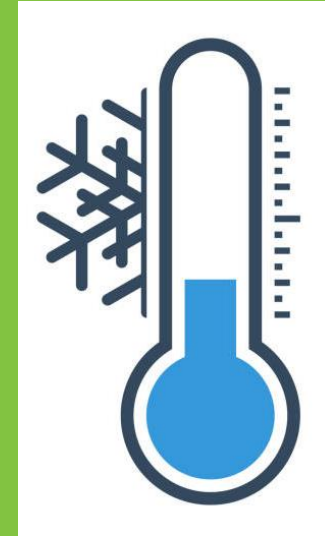
That improvements in thermal performance of houses for low-income Victorians with complex healthcare or social care needs would:

- » Improve thermal comfort in winter.
- » Reduce healthcare costs.
- » Reduce energy costs.



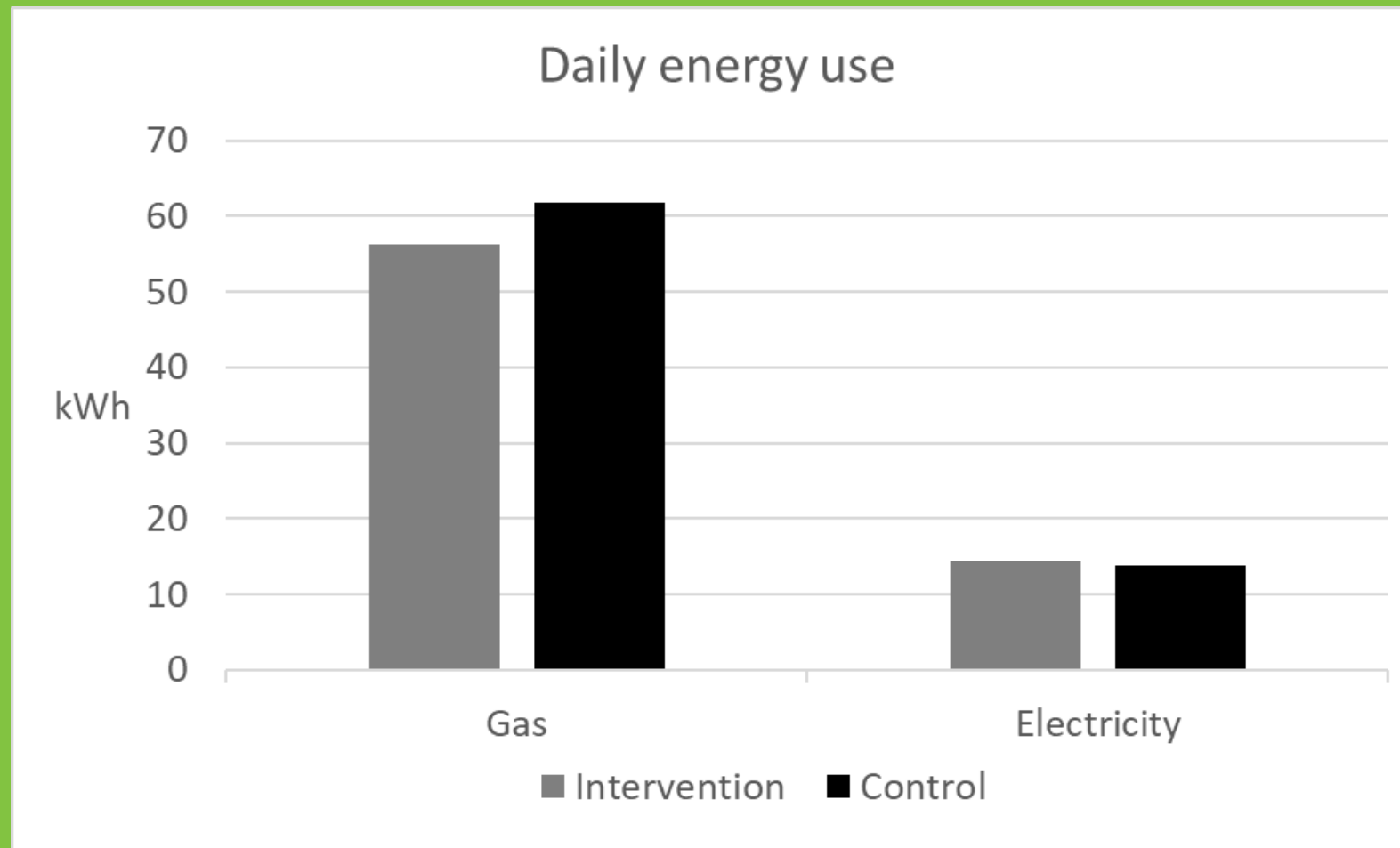
Increased winter warmth

- » Intervention homes 0.33°C warmer ($p=0.02$).
 - » Largest impact in the morning: 0.47°C warmer.
 - » Less time exposed to cold ($<18^{\circ}\text{C}$) by 43 mins/day.
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- » Householder thermal comfort: intervention group more than twice as likely as controls to report they felt warmer ($p<0.001$).



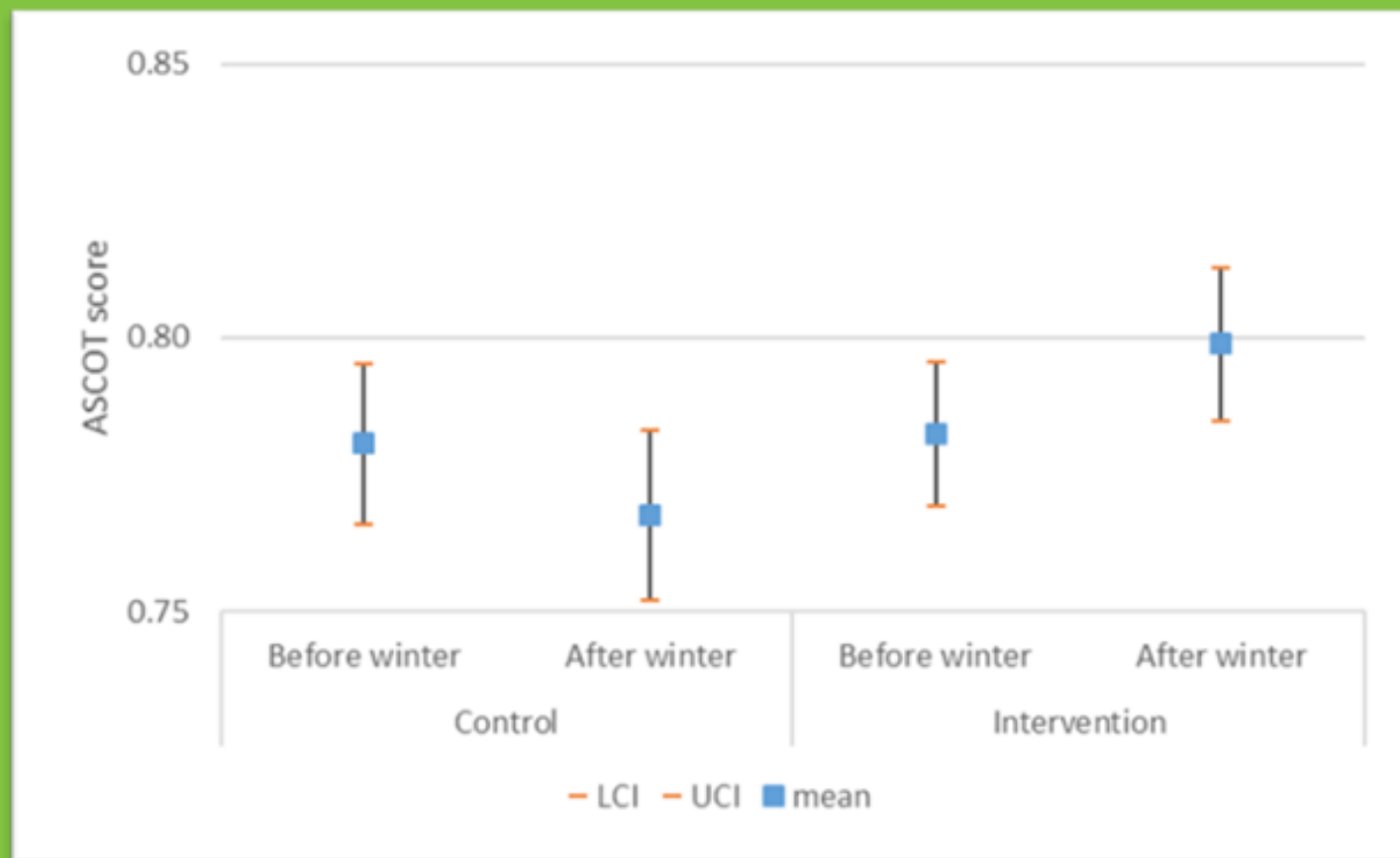


Reduced energy use



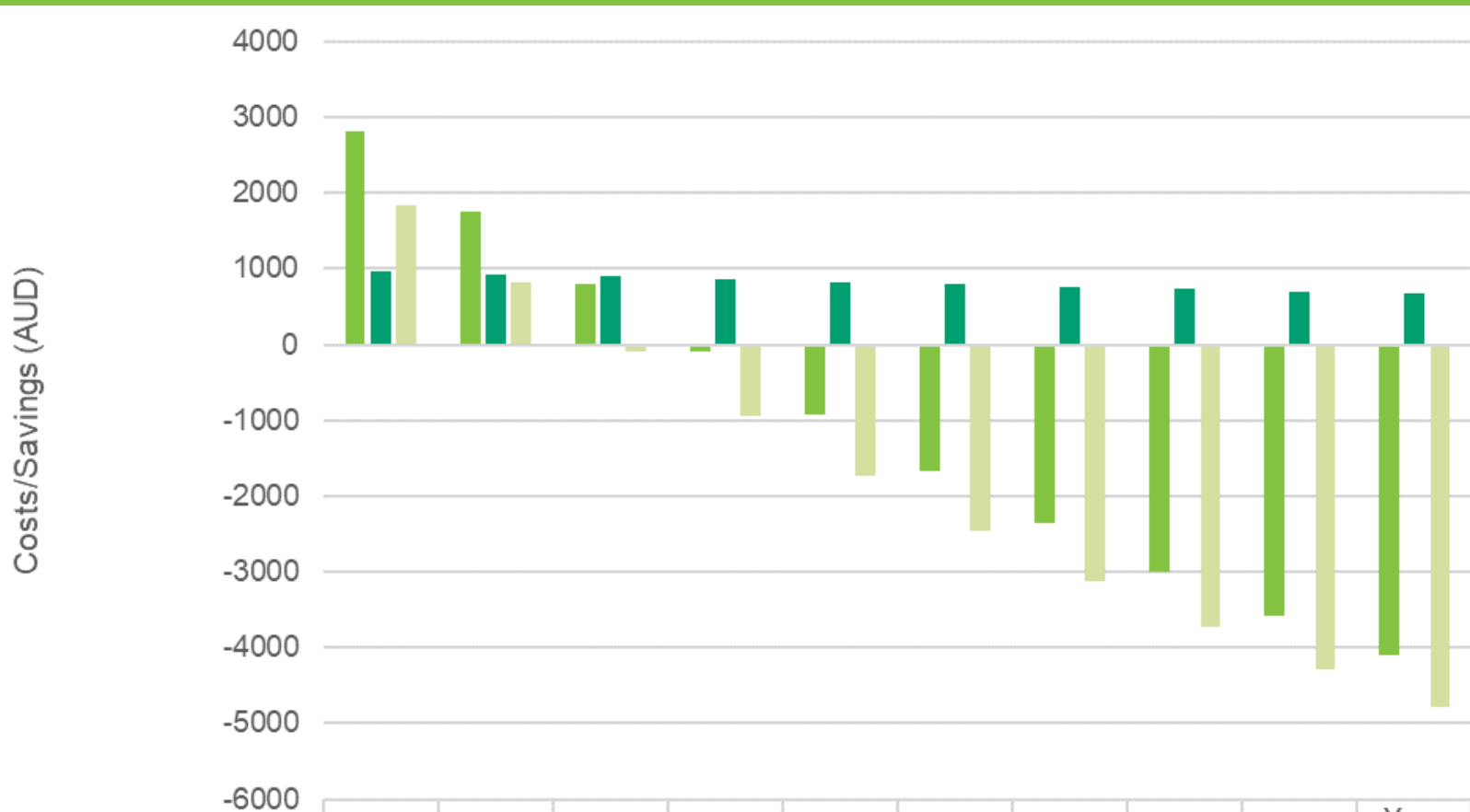
» Intervention homes used 7.1 kWh/day less gas ($p=0.005$).

Better quality of life



- » ASCOT: more social care needs met ($p=0.009$).
- » SF-36: better mental health-related quality of life ($p=0.026$).

Cost-saving within 3 years



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
■ Program Cost	2809	1764	798	-93	-915	-1670	-2364	-2999	-3580	-4110
■ Cost (H+E) savings	972	933	895	860	825	792	760	730	701	673
■ Net costs	1838	831	-97	-953	-1740	-2462	-3124	-3729	-4281	-4783

■ Program Cost ■ Cost (H+E) savings ■ Net costs

Upgrade cost: \$2809.

Health saving: \$887.

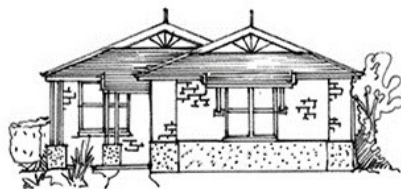
Energy saving: \$85.

*4% discount rate.

What you can do:

Double-brick (c.1920–1940)

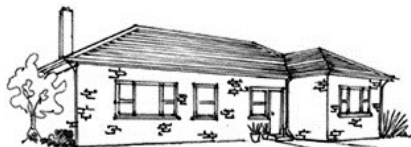
Double-brick houses are typically built with double brick walls, timber windows and timber framed floors, on stumps. Double-brick homes have a lot of character, but they can also have lots of gaps where air can escape. It is important to consider [draught proofing](#) when renovating your double-brick home.



Read more >

Double-fronted brick veneer (c.1960–1970)

Double-fronted brick veneer houses are typically built with brick veneer walls, metal-framed windows, tiled roof and timber floors. Double-fronted brick veneer homes are likely to have no [wall insulation](#) or [floor insulation](#), and only a small amount of [ceiling insulation](#).



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Single-use plastics ban - Business engagement

23 March 2023

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SUP ban role out

Overview of our program

- Reuse Pilots Funds
- Business engagement
- Encouraging reusables
- Identified over **130 packaging suppliers** for NRA engagement through our face-to-face engagement

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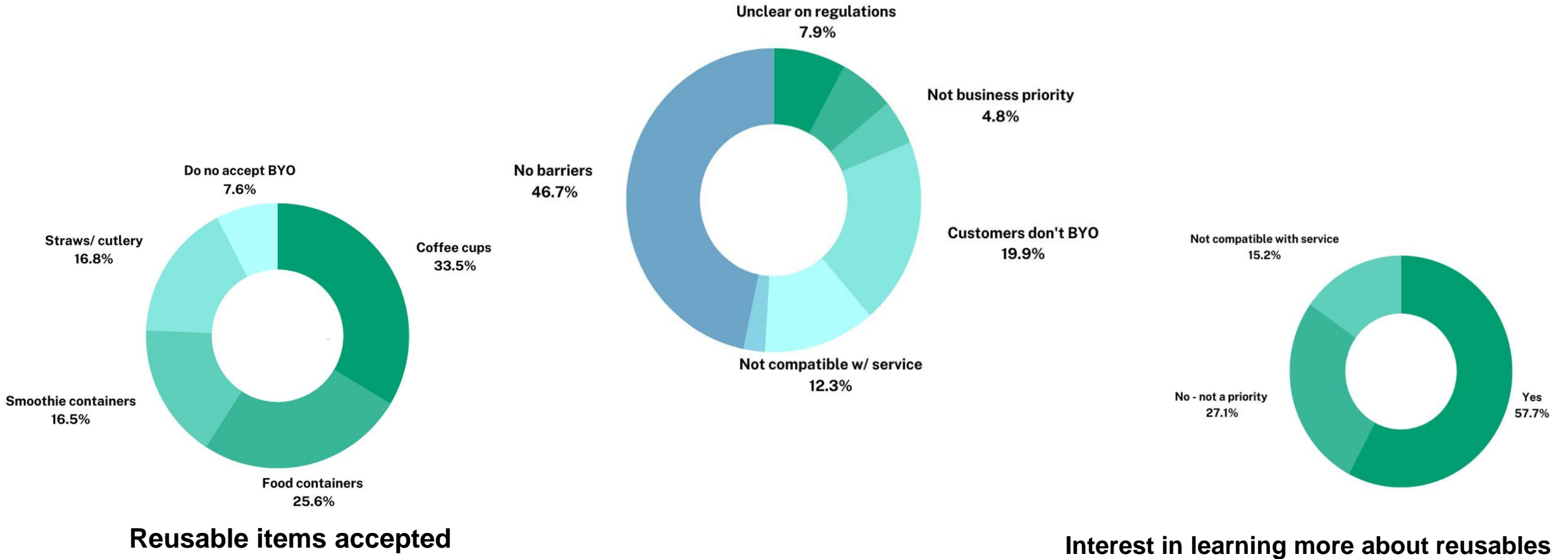
Benefits of reusables

- Cost-effective.
- Increase customer loyalty.
- Reduce waste.
- Free advertising.

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Barriers to accepting reusables





Into Coffee serves in edible and reusable cups

By having no disposable coffee cups and using a milk tap, they've saved more than 1,800 coffee cups and 300 milk bottles going into the landfill.



The Wanderlust Chefs implement reuse solutions

Most customers joined the BYO container movement and help divert more than 1,500 containers every month from going into the landfill.



Green My Plate provides reuse service at events

Sustainability initiatives save money for food vendors and event organisers, build customer trust and reduce waste going to landfills.



Corner Hotel removes single-use straws

The Corner Hotel estimates it has saved 3,000,000 plastic single use straws from landfill and 1,200 hours of paid labour cleaning up plastic-straw litter.

Small acts make a big impact.

Bring your own reusable cups to help reduce plastic waste ending up in landfill and our environment.

Thanks for your support as we reduce our single-use plastics.



For more tips and information on reducing single-use plastics, scan the QR code or visit sustainability.vic.gov.au

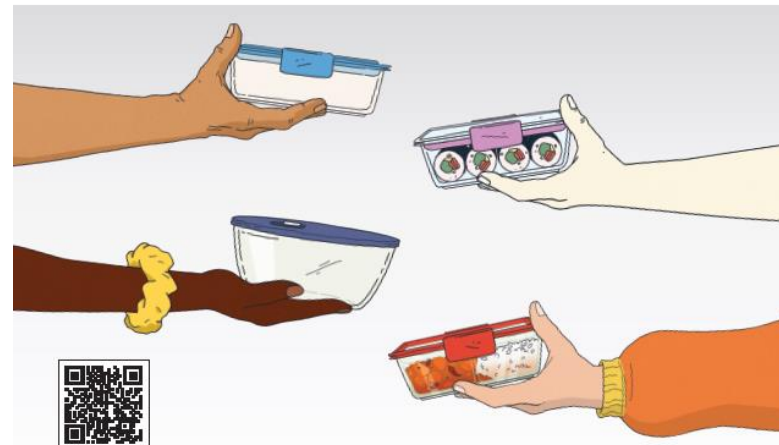
Council logo goes here



We welcome you to bring your own reusable container.

Bring your own reusable containers and help reduce plastic waste ending up in landfill and our environment.

Small acts make a big impact.



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Council logo goes here



우리는 재사용 가능한 물품을 환영합니다.

매립지와 우리의 환경으로 가게 되는 플라스틱 폐기물을 줄일 수 있도록 재사용 가능한 컵, 용기 그리고 빨대를 직접 가져 오세요.

일회용 플라스틱을 줄이는데 협조해 주셔서 감사합니다. 작은 행동이 큰 결과를 가져 옵니다.





What you can do:

Recycling at your council

Waste and recycling services differ between councils. Use the search tool below to find out what services your council offers and plans for the future.

Find your council:





What you can do:

Making more from your recycled glass

Glass recycling is improving across Victoria with the introduction of a new glass only recycling service and a large investment in glass reprocessing facilities.

➤ [Learn why it's important to recycle glass correctly](#)



What you can do:



Check what food you have before you shop

Checking what food you already have at home before heading to the shops helps reduce food going to waste and can save you money!



Keep your recycling loose

Putting your recycling in the bin loose and not in bags means that more of it can be turned into new things such as park benches, cardboard boxes and even roads.



Stick to your shopping list

Sticking to your list every time you go shopping helps reduce food going to waste and can save you money!



Drop off used batteries for recycling

Taking your used batteries to a drop-off point for recycling helps keep harmful materials out of your bins and the environment and means we can make the most of valuable resources.

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Circular Economy Communities Fund (CECF)

Heather Willison – Acting Team Lead
Community Incentives

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Program Targets



80 tonnes of waste
diverted from landfill



30,000 participants
adopt positive
behaviour change



12,000 volunteer hours



Invest in 6 local jobs

- \$5.4 million in grant funding
- 100% in-kind co-contribution
- Waste reduction
- Social impacts



Program Objectives

Projects need to deliver one or more of the following objectives:

Reduce waste generation

Reduce organic or non-organic material going to landfill, by re-purposing through local community initiatives

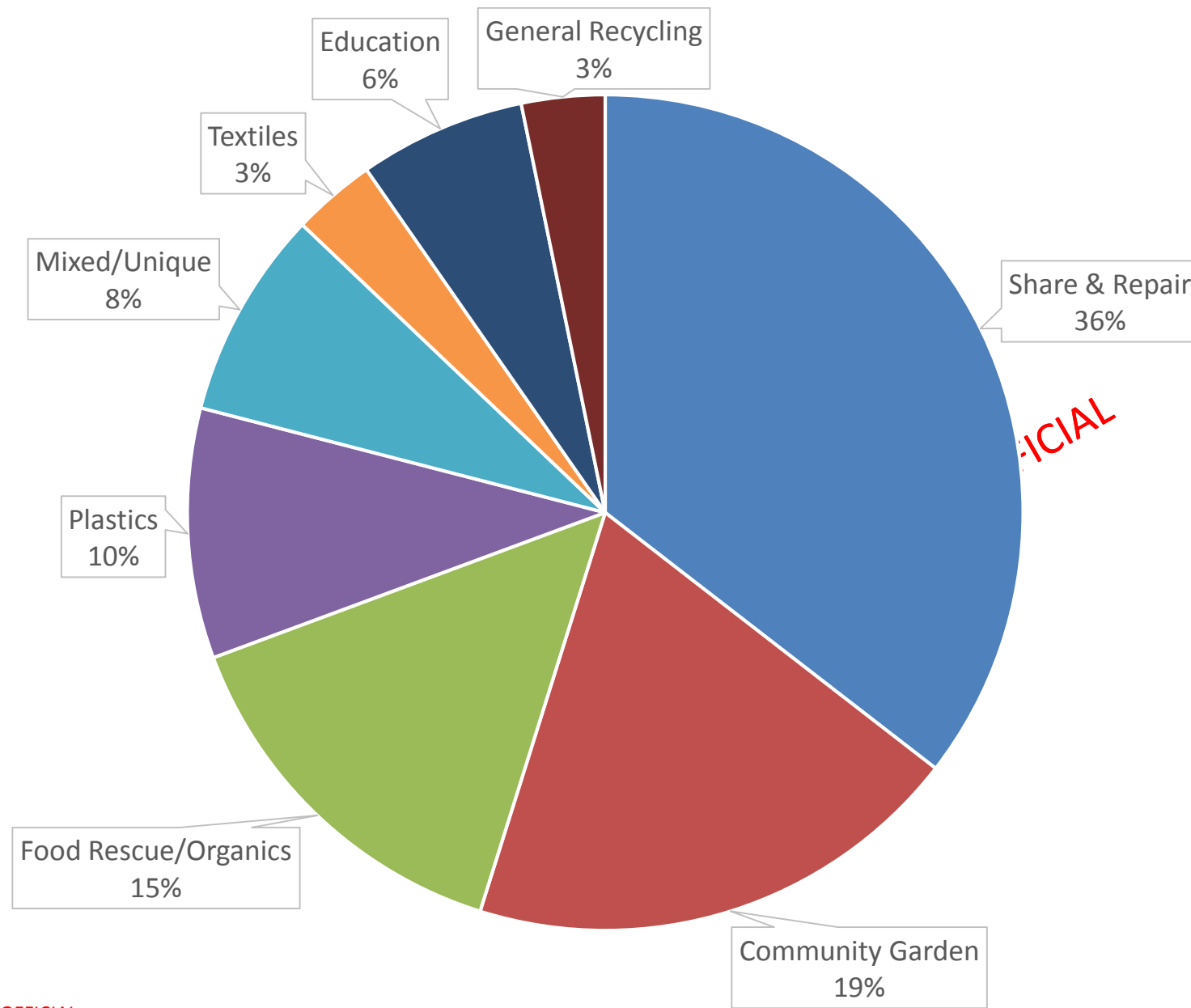
Reduce the sources of plastic pollution, litter and illegal dumping

Boost Victoria's economy through local circular economy initiatives, helping businesses to grow in new ways, and creating new jobs

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Project Types



62 projects across two funding rounds

Stream 1: Local Community Projects - \$25,000 - \$59,000

Stream 2: Regional Community Projects - \$60,000 - \$250,000