

Climate Smart Frankston City

Engagement Report



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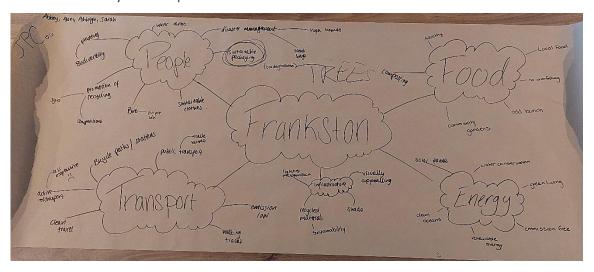
Consultation outcomes

Consultation highlights

Stage 1

From the 16th July until the 13th August 2022, an engagement page was set up on the Engage Frankston Platform, for survey participation informing the development of Council's Climate Change Strategy. An ideas board was also open for contributions from community members. A series of workshops were also held with local community groups and students.

- 157 community members contributed to the survey
- The ideas board featured 18 contributions
- 3 community workshops



Vision for Frankston City by 2030 put together by students from John Paul College

Stage 2

Draft Climate Change Strategy was displayed for comment on Engage Frankston from 22nd November 2022 until 8th January 2023. A series of community pop-ups were also held across Seaford, Carrum Downs and Frankston libraries, as well as Langwarrin Service Centre.

- 224 people visited the Engage Frankston page featuring the Draft Strategy
- 18 submissions and 33 social media comments were received
- We talked to over 60 community members across the 4 pop-ups

Key engagement statistics

Stage 1

The survey was launched at an in-person community event at Jubilee Park on Saturday 16th July 2022, where Council officers engaged with approximately 50 members, predominantly on the topics of waste reduction and recycling, FOGO bins initiative, active travel and household improvements. Additional in-person community engagement was held on 31st July 2022 at the National Tree Day planting event at Jubilee Park.

157 participants made 175 contributions to the online survey and ideas board. Over half of participants came from social media, while 31% came to the page directly (by following a URL link or scanning a QR code featured on promotional postcards that were handed out during in-person events and at Frankston's libraries).



Stage 2

The Draft Strategy was launched on 23rd November 2022 at a community workshop on Healthy Soil, Healthy Planet. The Role of Garden Soil in Climate Action at Joy of the Earth Community Garden. Four targeted community pop-ups were held on 29th and 30th November 2022 at Seaford, Carrum Downs and Frankston libraries, and Langwarrin Service Centre where Council officers talked to over 60 residents. Topics discussed were predominantly focused on waste and recycling, Frankston City's coastal and marine environment, food security and household energy efficiency.



Out of 224 visitors to the engagement site, approximately a third were returning.

99

Almost half of visitors came to the engagement site directly, with 15% following a link from social media. Additional 33 comments were left on Frankston City Council's Facebook post from 13th December 2022. A sponsored post seeking feedback for the Draft Strategy was also live between 3rd and 8th January 2023.



- Direct: 120 48.39%
- Search Engine: 57 22.98%
- Social Media: 38 15.32%
- Websites: 33 13.31%
- Campaigns: 0 0.00%

Barriers to engagement

During community consultations, there are often limitations to the engagement overall and/or specific engagement activities. The limitations of this consultation have been identified as:

Stage 1

- Weather: The opportunities for outdoor community events were limited during the winter period
- COVID-19: A seasonal increase in COVID cases also decreased the participation at in-person events

Stage 2

 Holiday season: The engagement period was extended to a total of 7 weeks to allow the community further opportunity to participate during and after the busy holiday period

Overview

Council has been working on developing a Climate Change Strategy to more clearly and decisively identify the risks, opportunities and priorities for Frankston City to reduce emissions and build resilience to climate change impacts.

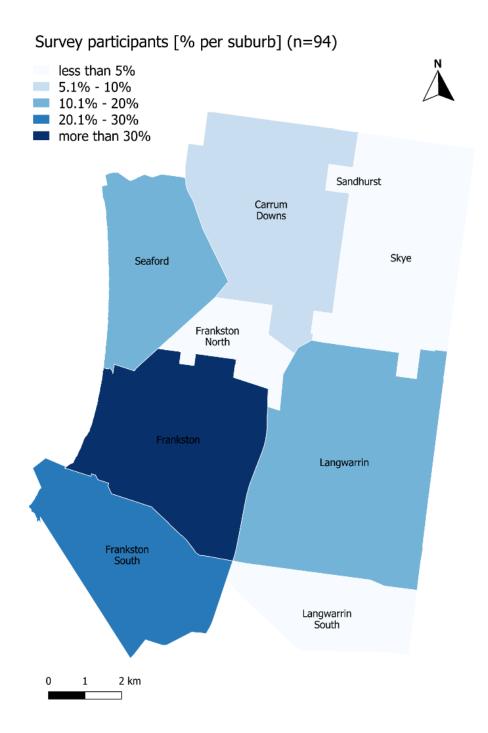
In 2020, an initial Climate Change Community Survey was conducted, which provided us with the base information of what concerns our community. Council's Climate Change Strategy will include actions that Council will undertake to respond to climate change. It will be a clear plan to support our community to take action and work together for a better future. It will replace Council's existing Towards Zero Emissions Plan 2019-2023 and the Climate Change Impacts and Adaptation Plan 2011.

This report provides a summary of the consultation undertaken to develop the Climate Change Strategy.

Council's Engagement Principles:

- Purpose the community engagement process for this project sought to understand our Community's motivation and priorities for climate action as well as identifying how Council can support its residents in achieving their carbon neutrality and resilience goals.
- Informed Participants had access to objective, relevant and timely information through resources featured on the Engage Frankston page.
- Representative The community survey participants had the following representation of
 residents based on suburbs (see map below). Further demographic data specific to the
 survey participants are featured later in the document. Due to the under-representation of
 youth in the online survey, two youth workshops were conducted to increase the cohort's
 representation.
- Supported Participants were supported to enable meaningful and informed engagement.
- Influence Participants were informed of the ways in which the engagement process will help shape the Strategy development. The structure of the online survey itself focused on action planning and prioritisation, making it easier for the survey responses to influence the action plan.
- Report Each phase of the engagement was reported on with a summary made accessible on Engage Frankston.





Purpose & objectives

The feedback from our community helped inform Council's Climate Change Strategy and ensure that the actions or initiatives that Council can take or advocate for are sought after by our community. This process also identified actions that our community are already doing or would like to do, to support our climate action.

The community engagement process for this project sought to understand our Community's motivation and priorities for climate action as well as identifying how Council can support its residents in achieving their carbon neutrality and resilience goals.

Community consultation process

Stakeholder / community group	Activity	Date	
Frankston Environmenta Friends Network	l Presentation	11 May 2022	
Community Groups	Action planning workshop	19 July 2022	
Frankston City residents	Pop-up at Jubilee Park	16 July 2022	
Frankston City residents	Pop-up at National Tree Planting Day event at Jubilee Park	31 July 2022	
Frankston City residents	Online survey and ideas board	16 July – 15 August 2022	
(online)	Facebook post informing our community to come along to the Jubilee Park event	14 July 2022	
	An online workshop with community group representatives	19 July 2022	
	A media release Raise your voice on climate change	20 July 2022	
	A Facebook and Twitter posts asking our community to Help shape our new Climate Change Strategy and take the online survey	20 July 2022	

	A sponsored Facebook post asking people to participate in our community survey for a chance to win one of three vouchers for a local organic produce store	
Emergency Management Services	Presentation	31 August 2022
Youth	Workshops on Frankston City's coastline and climate change	6 September 2022
Community Garden	Informal launch of public exhibition of the Draft Strategy at community workshop on "Healthy Soil, Healthy Planet. The Role of Garden Soil in Climate Action" at Joy of the Earth Community Garden	
Frankston City residents (online)	Engage Frankston public exhibition of Draft Strategy	22 November 2022 – 8 January 2023
	A Facebook and Twitter posts asking our community to give us feedback on our Draft Climate Change Strategy	13 December 2022
	A sponsored Facebook post asking people to provide feedback on our Draft Climate Change Strategy	3 – 8 January 2023
Frankston City residents	Pop-up at Seaford Library	29 November 2022
(pop-ups)	Pop-up at Langwarrin Service Centre	29 November 2022
	Pop-up at Carrum Downs Library	30 November 2022
	Pop-up at Frankston Library	30 November 2022
Council meeting	Adoption of final Strategy at ordinary Council Meeting	15 March 2023

Consultation materials

Consultation materials used throughout the engagement were:

- Poster & postcard (Appendix 1)
- Infographic (Appendix 2)
- Survey (Appendix 3)
- Wayfinding virtual poster (Appendix 5)

Community pop-ups

Stage 1

Two community pop-ups were done at Jubilees Park on 16th July as part for a Victoria Police community event and 31st July 2022 as part of the National Tree Planting Day. All comments and community feedback was collated after the pop-ups and added to the Engage Frankston online feedback.

Stage 2

Four community pop-ups were carried out on 29th and 30th November 2022 at Seaford, Carrum Downs and Frankston libraries, and Langwarrin Service Centre where Council officers talked to over 60 residents. Topics discussed were predominantly focused on waste and recycling, Frankston City's coastal and marine environment, food security and household energy efficiency. All comments and community feedback were added to the online submissions.

Online

Stage 1

An Engage Frankston site featuring background information about the project, the community survey and ideas board was live between 16th July and 15th August.

Other online engagement included:

- A media release <u>Raise your voice on climate change Frankston City Council</u> was published on 20th July 2020.
- A Facebook post informing our community to come along to the Jubilee Park event published on 14th July 2022
- A Facebook and Twitter posts published on 20th July 2022 asking our community to Help shape our new Climate Change Strategy and take the online survey
- A sponsored Facebook post published on 11th August 2022 asking people to participate in out community survey for a chance to win one of three vouchers for a local organic produce store
- An online workshop with community group representatives on 19th July 2022

Stage 2

An Engage Frankston site featuring background information about the project, the community survey and ideas board was live between 22nd November 2022 and 8th January 2023.

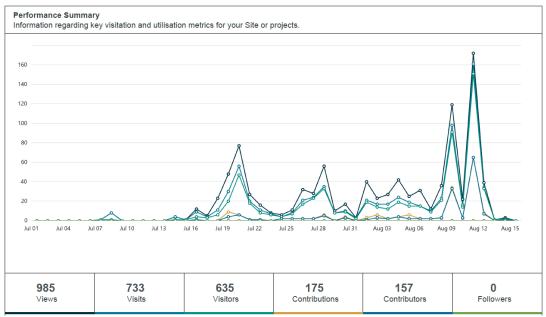
Other online engagement included:

- A Facebook and Twitter posts asking our community to give us feedback on our Draft Climate Change Strategy on 13th December 2022
- A sponsored Facebook post asking people to provide feedback on our Draft Climate Change Strategy live between 3rd and 8th January 2023

Community feedback

Stage 1

The following figure shows the performance summary for the Engage Frankston online platform.



The online community survey had three main parts:

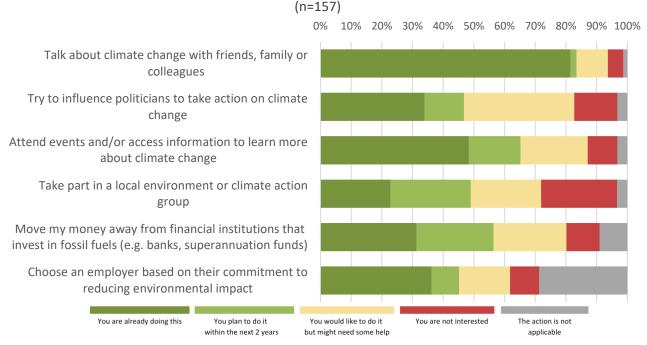
1. Part 1: Community actions to reduce emission and adapt to the impacts of climate change:

In part 1, a total of 157 participants were asked to indicate what actions they have already taken or might take in the future to reduce emissions or build resilience to the impacts of climate change. The main areas of community climate action were categorised into six categories. Participants could indicate whether they are already doing the suggested action, planning to do it within 2 years, would like to go it but might need some help, are not interested or the action is not applicable to their circumstances. Overall, the participants are already doing or planning to do in the next 2 years in the areas of waste and consumption, supporting biodiversity in their home or neighbourhoods through planting trees and plants, taking up active or public transport where possible, replacing inefficient fixtures and appliances in their homes. Participants are least interested in carshare schemes, participating in a community garden, taking part in a local environmental or climate action group as well as supporting emergency services.



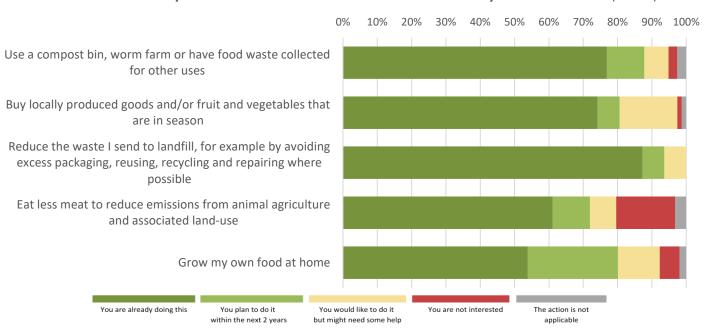
Knowledge and advocacy

What can you do to reduce emissions and climate vulnerability across Frankston?



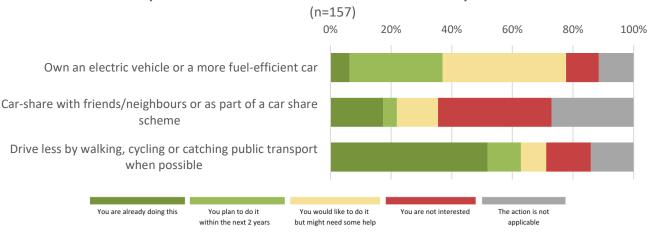
Waste and consumption

What can you do to reduce emissions and climate vulnerability across Frankston? (n=157)



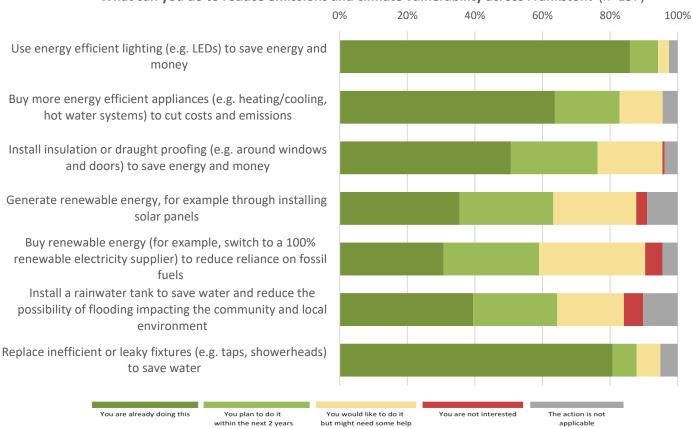
Transport

What can you do to reduce emissions and climate vulnerability across Frankston?



Homes and buildings

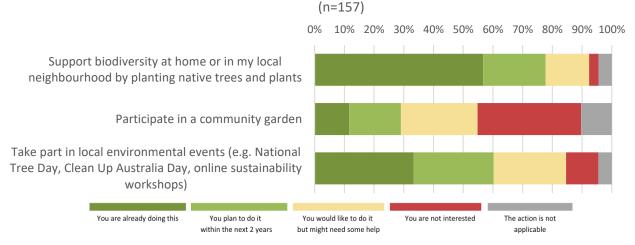
What can you do to reduce emissions and climate vulnerability across Frankston? (n=157)



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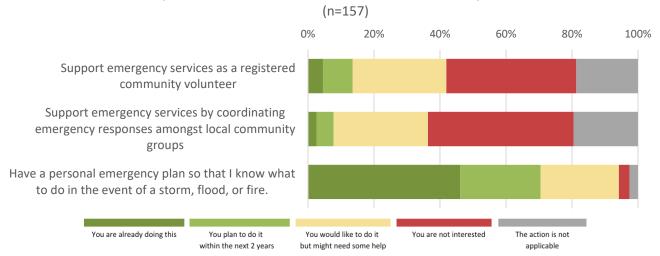
Environment

What can you do to reduce emissions and climate vulnerability across Frankston?



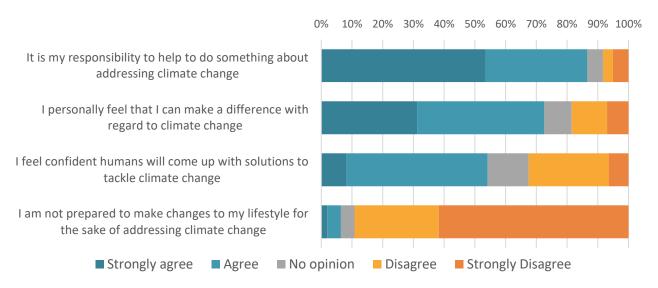
Emergency management

What can you do to reduce emissions and climate vulnerability across Frankston?

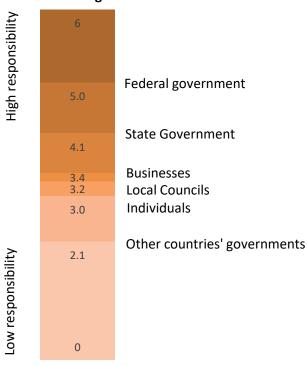


Overall, participants felt that it was their responsibility to help address climate change and that they can make a difference, however, the highest responsibility was assigned to Federal and State Governments.

How strongly do you agree with the following statements (n=157)

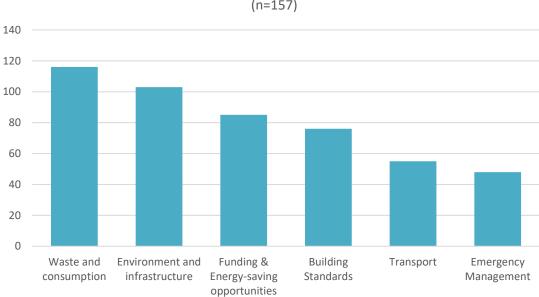


Which of the following statements most accurately reflects your views about who should take action on climate change?



2. Part 2: Council actions to support the community to reduce emissions and adapt to climate change:

Participants were asked to prioritise actions that can be taken *by Council* to support the community in reducing emissions and Frankston's vulnerability to climate impacts. The total of 157 participants identified actions related to Waste & Consumption; Environment & Infrastructure; and Funding & Energy-saving Opportunities as the primary focus for Council when prioritising the action plan.



Select the priorities that you believe Council should focus on most (n=157)

The top 10 actions the participants would like to see are shown in the able below. The full list of 33 actions that were prioritised are in Appendix 4.

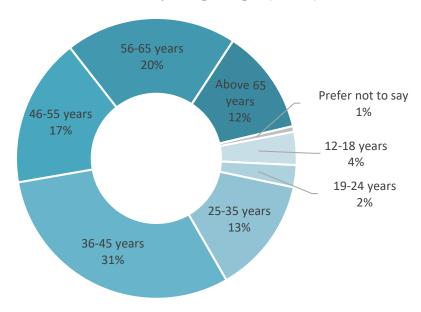
ID	Group	Actions	Ranking
1	Building	Standards for new buildings: Improve the energy efficiency standards of new	2.92
	Standards	buildings and renovations by working with developers, State and National bodies,	
		and other councils to improve development standards.	
2	Environment	Strengthening coastal areas: Finalise Coastal and Marine Management Plan	2.83
	and	addressing pollution of the marine environment from stormwater, coastal erosion,	
	infrastructure	and risk from storm surges to local residents as sea levels rise.	
3	Funding &	Renewable energy: Support businesses and residents to get a good deal on	2.82
	Energy-saving	switching to renewable energy (e.g. energy from wind and solar) through a	
	opportunities	collective power purchase.	
4	Waste and	Reduce waste : Continue to promote waste avoidance, diversion from landfill and	2.81
	consumption	recycling and resource recovery through community education and engagement	
		programs. Less waste also creates a more resilient environment when faced with	
		climate impacts	

5	Environment	Protect native flora and fauna: Implement the Biodiversity Action Plan and	2.80
	and	investigate ways to prevent loss of native biodiversity from climate-related impacts	
	infrastructure	such as droughts, heatwaves, and floods.	
6	Funding &	Renewable energy: Investigate bulk-buy programs for batteries, solar power, heat	2.79
	Energy-saving	pumps and other renewable technologies for residents and businesses	
	opportunities		
7	Waste and	Divert waste: Promote Frankston's food organics & garden organics (FOGO)	2.78
	consumption	kerbside collection service to reduce food waste and associated landfill emissions	
		from community waste.	
8	Environment	Tree planting: Implement the Urban Forest and Biodiversity Action Plans, e.g., for	2.77
	and	planting trees to store carbon, provide shade and habitat, improve water retention	
	infrastructure		
9	Environment	Tree planting: Support residents and businesses to plant native trees and plants at	2.76
	and	home or in the local area to absorb carbon and provide shade	
	infrastructure		
10	Waste and	Waste to Energy: Explore opportunities in Advanced Waste Processing solutions to	2.74
	consumption	reduce waste to landfill	

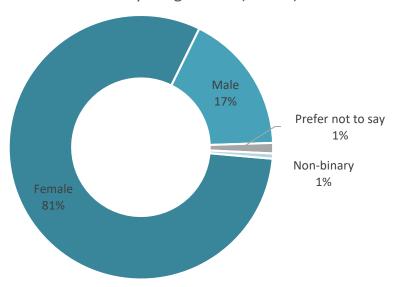
3. Part 3: About you:

Participants were asked a few general questions about themselves. 90% of participants were local residents with over 30% of them being from Frankston, 21% from Frankston South and 11% from Langwarrin. The age distribution of participants has been quite balanced apart from youth, who were further engaged in stand-alone workshops. Majority of respondents were female (81%).

What is your age range? (n=157)







Stage 2
Response to community feedback for the Draft Climate Change Strategy:

Comment	Officer response
Leadership theme	
Ensuring adherence and compliance of Council projects to principles and actions stipulated in the overarching strategic documents	Extensive internal consultation has been undertaken throughout the development and the draft review of the Strategy, seeking alignment with existing strategic documents and securing buy-in of key departments and teams to lead and/or support the delivery of actions identified in the Action Plan. L5 wording was changed to: Update Council policies, strategies, plans and processes to ensure that they effectively address current and future climate change risks to maximise the benefits of climate change mitigation and adaptation for Council and community.
Enhanced data collection and monitoring to ensure decisions are underpinned by Frankston City-specific information	A detailed implementation plan with KPIs for monitoring and reporting is being developed and will be guided by Council's change management framework. Its principles will

Reservations about construction of high-rise	guide the organisational actions to ensure a more effective transition, build on the outputs of the gap analysis and introduce more granularity to the delivery plan. This feedback has been passed on to the project
development in FMAC	manager of the FMAC Master Plan
Strengthening ESD standards and their enforcement in developments	L12 action priority has been updated to High and has been amended to the following to reflect the need to streamline the planning scheme amendment process: Collaborate with relevant agencies and other councils and advocate to the state government to make changes to the Victorian planning system to address climate change at all levels of the planning process to enable the delivery of safe climate and resilient communities.
Stormwater pollution in the bay and sewage	L11 score was amended to high priority and
treatment capacity	wording to: Continue to investigate the vulnerability of Council's drainage network, with key stakeholders and other government agencies, and assess the impacts of climate change, to inform the update of the drainage strategy and amendments to the overlays within Frankston Planning Scheme.
Natural Environment theme	
Success of establishment of new tree plantings, cutting down mature trees and planting nonnative trees; improved canopy cover	N3 specifically targets the intersection between the impacts of climate change and the canopy cover. As an existing, long-term Action Plan, the aims set out in Urban Forest Action Plan cannot be over-ridden by this Strategy, however, Council does continually review the success of tree plantings and investigates ways to improve their survival rates. This comment was passed on to our operations team for further consideration. A review of the Environmental Significance Overlay is also currently being undertaken to help protect significant vegetation across all properties.

Food gardens on nature strips	The intention of the nature strip guidelines is to encourage plantings of native, preferably indigenous species for biodiversity purposes. Additionally, food gardens are not allowed to be planted due to the health risks associated with potential soil contamination and risk to the gardener due to increased exposure to road side hazards as a result of frequent maintenance requirements of food gardens. The updated <u>nature strip guidelines</u> can be read in full <u>here</u> .
More habitat for wildlife, protection of biodiversity and greening initiatives to reduce the urban heat island effect	The Biodiversity Action plan 2021-2036 as well as the supporting technical report can be found here: www.frankston.vic.gov.au/Community-and-Health/Environment/Frankston-environment-strategies-and-guidelines N4 action calls for the development and implementation of fauna and flora monitoring action plans. They will be publicly available through Engage Frankston once drafted.
Safe and clean water environments; improvement of water security	Council's integrated water management priorities are outlined in its adopted Integrated Water Action Plan (2016-2026), and investment in related capital works projects in the Long Term Infrastructure Plan. Action N7 also commits Council to reviewing the Integrated Water Action Plan to review the organisation's investment in integrated water initiatives, including actions to enhance water security.
Assessment of stormwater capacity and ensuring retention of permeable surfaces in developments	The priority rating of Action N6 has been adjusted to High. This comment has been passed on to the Integrated Water Action Plan update project management team for further consideration. The detailed priorities of the IWAP update will be published on Engage Frankston once drafted.
Protection and support of marine and coastal ecosystem functions and habitats	This comment has been passed on to the CMMP review project team. N5 priority has been change to High and has been amended to:

Aligning with the Coastal and Marine Management Plan (2023), develop coastal adaptation pathways and management actions. Incorporate best available research and data into decision making. Use this data to ensure there are mechanisms to manage coastal hazard exposure including sea level rise, erosion, inundation and groundwater impacts.

Carbon sequestration and local carbon offset opportunities

N12 rephrased to improve clarity: Explore carbon sequestration opportunities within the City's blue-green infrastructure and assets. Continue to work with other agencies across the region to identify the potential for accredited carbon offset projects

Energy theme

Incentivise no gas connections on new builds

Support solar power and battery installation on rented homes, small businesses, low-income households

Action priority was changed to High. Wording of E5 amended to: Investigate, support and implement initiatives (such as bulk buys and rebates) to enable the community to make their homes and other buildings more energy efficient, switch to all electric appliances and systems, and install solar power systems.

In addition, the Victorian Government is increasing the minimum standards for homes to increase from 6 to 7 stars under the National Construction Code 2022, commencing 1 October 2023. As part of this change there will be new readiness provisions that will make it easier to install:

- electric vehicle (EV) charging
- solar PV systems
- batteries in apartment buildings and some non-residential buildings to reduce the cost of future retrofitting.

Council is also working with 23 other councils and CASBE to advocate for a new planning policy amendment as part of a 'Elevating ESD Targets' project to elevate sustainability requirements

for new buildings and encourage a move towards net zero carbon development.

Council is supportive of community energy projects and has committed to supporting organisations who are seeking to develop community battery projects in the Frankston municipality. Council will continue to advocate to the Victorian Government for funding programs, such as the Metro Community Power Hubs program that ceased in 2022 yet enabled community groups and organisations to seek support and guidance for their community energy projects. Action priority has been adjusted to Medium.

Community renewable energy and battery solutions, contributions to Virtual Power Plant programs

A virtual power plant (VPP) is a network of individual distributed energy resources, such as solar PV and batteries that are located in different places. Through aggregation in a VPP, these systems may then be able to participate in trading in the electricity market and providing network services and grid support.

Council has committed to supporting innovative solutions for the community to transition to 100% renewable electricity, including initiatives such as VPPs (through action E8). While Council is investigating the merit of VPPs for its own assets, it is not currently in a position legally nor have the capability to lead a VPP program in the community. There are a number of existing VPP commercially-available providers Victoria, and Solar Victoria, a Victorian Government agency, is piloting a community VPP program with households and VPP providers which is in the research phase. Council officers will continue to stay abreast of developments in this area and opportunities for the local community.

Transport theme

Need for more infrastructure supporting active modes of travel (e.g. foot and bike paths) and improving connectivity within the municipality The Integrated Transport Strategy featured in T1 has several education actions proposed. Other low and zero emissions transport options such

Support for implementation of the Integrated Transport Strategy and need for further inclusion and education on low emissions transport options (e.g. active travel, public transport, EVs, hybrid vehicles, hydrogen).	as hydrogen may be considered under T1 action. In addition, Council's draft Integrated Transport Strategy includes an action to 'Develop an Emerging Transport Paper', which will better enable Council to determine its position on hydrogen vehicles. The feedback has been passed on to the team managing the Integrated Transport Strategy project for further consideration.
Introducing targets for installation of EV charging station network	Council has committed to developing a monitoring and evaluation framework to identify relevant data and Key Performance Indicators for the Strategy. Much like petrol stations, the public EV charging network is expected to be installed and managed by external organisations. While Council supports their installation across the municipality and the wider region, we are not in a position to develop a target for infrastructure that will be delivered by other organisations
Introducing targets for EVs in Council fleet	Council will be assessing the feasibility of transitioning its fleet to electric vehicles and other low emission options in 2023/24. This will inform a business case, and the establishment of an implementation plan and targets.
Community theme	
More support for the community to reduce their power usage and costs; prioritisation of Environmental Upgrade Finance (EUF) for residents	The investigation into EUF for residents is an important first step to understand the expected costs, benefits, risks and barriers. Council officers have committed to undertaking this research in 2023/24 to be better informed and able to brief Council on the findings and officer recommendations.
Incentives for construction of raingardens, retention of permeable surfaces, nature strip planting	C7 action is focused on the delivery of community leadership programs and initiatives to connect and support residents to be climate change leaders, enabling enhanced local action on climate change. The action was changed to Medium priority based on the community feedback received and support for community-facing programs and initiatives.

Prioritise the investigation of feasibility of an educational display centre	The prioritisation approach for the action plan is detailed in Chapter 7. While we acknowledge that educational climate actions are a priority overall, the prioritisation itself is guided by multiple aspects that score lower when having an indirect impact on emission sources or key vulnerabilities. However, this scoring and the priorities are subject to change as we progress through the delivery of the Strategy, pending new data.
Change of bin lids	Standardisation of household waste and recycling system is a state government initiative that Council is implementing. You can find more details here: www.vic.gov.au/Standardising-household-recycling-across-Victoria
FOGO services to businesses	In response to the staff and community feedback, Action W1 priority was increased to High, Action W2 was increased to medium and reworded to: Increase uptake of household food organics and garden organics (FOGO) kerbside collection and investigate the feasibility of a food waste collection service for businesses. Implement a system to divert food waste from Council operations. Support home composting through education programs and assess the feasibility of a rebate scheme. Action W3 priority was changed to low.
Soft plastics recycling	Feedback has been passed on to the Waste
Incentives for reusable children's and women's hygiene products	Circularity team and will be included and responded to in the review of the draft Waste Circularity Plan
Resource recovery opportunities and Advanced Waste Processing project	

Opportunities for improvement

The key opportunities identified by participants were based around further integration of climate change consideration within Council decision-making processes.

"If Frankston Council is serious about fighting climate change it needs to have more trees and gardens to provide shade and less buildings that absorb and release heat. That means stop approving subdivisions and multiple units per building block."

There is also need for advocacy and further support to our community in the transition toward new low- and zero-emissions technologies or systems.

"To install or purchase products such as electric vehicles and solar batteries more information and financial support is required.

I would purchase an electric vehicle for my next car but to do this we need access to charging stations in our home and in the community."

"I'm a renter, so I feel there is little that I can do on my own. Without knowing that I'll be here longer term I can't afford to invest thousands of dollars upgrading someone else's asset, but ideally I'd love to get off natural gas and have a 100% electric / renewable home, with solar panels and 100% govt accredited greenpower. I think this is a huge area of untapped opportunity, given how many people rent in Frankston, but also something that is unlikely to happen without significant government incentives."

Opportunities for further education have also been identified in areas where resources might already exist but where their communication to the wider community could improve or increase (e.g. the Frankston City Council Waste and Recycling Directory).

"We would love the council to host clear lists of places that support recycling of items that aren't included within council collection. For example, Officeworks takes a range of electronic goods, and there are specific nurseries that will take plastic plant pots. Hosting these on the site would support more recycling opportunities for the community."

"During the restrictions, there were a lot of great Zoom sessions. These would be fantastic to continue and ties in with the sustainability goals."

Key learnings

What worked

Stand-alone workshops with youth worked well to capture their opinions and priorities that are often under-represented in online surveys.



Joint events and workshops with other teams and projects helped ensure that the community could focus on what they cared about most.

Not working so well

Undertaking outdoor in-person community consultation during winter months was challenging. More lead-up time for online community and stakeholder workshops was needed.

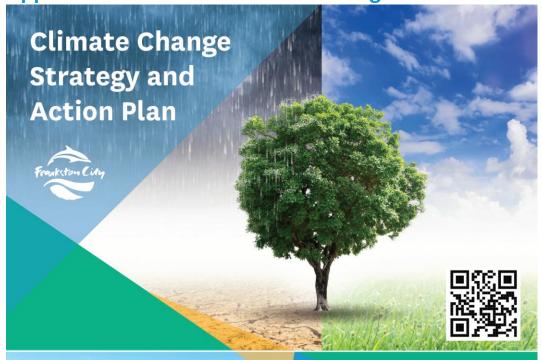
Conclusion

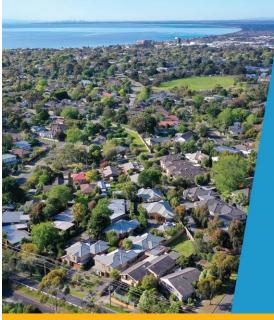
The input received from the community survey participants as well as the stakeholders that attended our workshops and pop-ups have highlighted a range of actions that they would like Council to focus on or need support to undertake. The community feedback provided has been translated into a score that informed the prioritisation of the Climate Change Action Plan and helped shape Council's response to climate change.

Next steps

The Climate Change Strategy is scheduled to be adopted in March 2023. A detailed implementation and monitoring framework is being drafted to facilitate transparency and annual reporting on progress as stipulated in the Strategy.

Appendix 1 Poster and Postcard design





In our Climate Change Community Survey 2020, 80% of our community respondents told us that they're extremely or very concerned about the impacts of climate change.

We're developing a Climate Change Strategy and Action Plan to identify the risks, opportunities and priorities for Frankston City to reduce emissions and build resilience to climate change for the benefit of the community, environment and the economy

Through active participation in the process, your voice can help shape our climate response and actions to support our community.

Help shape our Plan by scanning the QR code. Visit engage.frankston.vic.gov.au/climate-change

Appendix 2 Infographic

Reducing our greenhouse gas emissions

frankston.vic.gov.au/climate-change









Progressing **electric vehicle projects** including trials and identifying locations for public charging





Implementing
Environmentally
Sustainable Design
(ESD) standards
across Council buildings
and streetscapes



Using materials with **recycled content** for road construction works







Advocating to Victorian and Australian governments on climate change issues

Appendix 3 Survey

Participate in our Survey!

Part 1: Community actions to address climate change

We know that people across Frankston City are already taking action to reduce emissions and adapt to climate change.

For each of the categories below, please indicate what best describes you.

What can you do to reduce emissions and climate vulnerability across Frankston City?

Knowledge and advocacy

	You are already doing this	You plan to do it within the next 2 years	You would like to do it but might need some help	You are not interested	The action is not applicable
Talk about climate change with friends, family or colleagues	0	0	0	0	0
Try to influence politicians to take action on climate change				0	0
Attend events and/or access information to learn more about climate change		0	0	0	0
Take part in a local environment or climate action group	0	0	0	0	0
Move my money away from financial institutions that invest in fossil fuels (e.g. banks, superannuation funds)	0	0	0	0	0
Choose an employer based on their commitment to reducing environmental impact	0	0	0	0	0

Homes and buildings

	You are already doing this	You plan to do it within the next 2 years	You would like to do it but might need some help	You are not interested	The action is not applicable
Use energy efficient lighting (e.g. LEDs) to save energy and money	0	0	0	0	0
Buy more energy efficient appliances (e.g. heating/cooling, hot water systems) to cut costs and emissions	0	0	0	0	0
Install insulation or draught proofing (e.g. around windows and doors) to save energy and money	0	0	0	0	0
Generate renewable energy, for example through installing solar panels			0	0	0
Buy renewable energy (for example, switch to a 100% renewable electricity supplier) to reduce reliance on fossil fuels	0	0	0	0	0
Install a rainwater tank to save water and reduce the possibility of flooding impacting the community and local environment	0	0	0	0	0
Replace inefficient or leaky fixtures (e.g. taps, showerheads) to save water	0	0	0	0	0

Waste and consumption

	You are already doing this	You plan to do it within the next 2 years	You would like to do it but might need some help	You are not interested	The action is not applicable
Use a compost bin, worm farm or have food waste collected for other uses	0	0	0	0	0
Buy locally produced goods and/or fruit and vegetables that are in season	0	0	0	0	0
Reduce the waste I send to landfill, for example by avoiding excess packaging, reusing, recycling and repairing where possible	0	0	0	0	0
Eat less meat to reduce emissions from animal agriculture and associated land-use	0		0	0	0
Grow my own food at home		0	0		
Transport	You are already doing this	You plan to do it within the next 2 years	You would like to do it but might need some help	You are not interested	The action is not applicable
Own an electric vehicle or a more fuel-efficient car	0	0	0	0	0
Car-share with friends/neighbours or as part of a car share scheme	0	0	0	0	0
Drive less by walking, cycling or catching public transport when possible	0	0	0	0	0

Environment					
	You are already doing this	You plan to do it within the next 2 years	You would like to do it but might need some help	You are not interested	The action is not applicable
Support biodiversity at home or in my local neighbourhood by planting native trees and plants	0	0	0	0	0
Participate in a community garden					
Take part in local environmental events (e.g. National Tree Day, Clean Up Australia Day, online sustainability workshops)	0	0	0	0	0
Emergency management					
	You are already doing this	You plan to do it within the next 2 years	You would like to do it but might need some help	You are not interested	The action is not applicable
Support emergency services as a registered community volunteer	0	0	0	0	0
Support emergency services by coordinating emergency responses amongst local community groups	0	0	0	0	0
Have a personal emergency plan so that I know what to do in the event of a storm, flood, or fire.	0	0	0	0	0
Other (please specify)					

What would help you to take action?

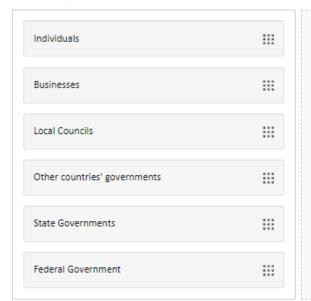
Thinking about the actions above, what kind of support would help you to take action if you haven't already done so?

More information on how to do it (e.g. info sheets, webinars and videos, in-person events etc)

Least helpful Helpful Most helpful Most helpful	
Having someone help me to do it (e.g. an expert who could come to my house and show me how to reduce my energy use)	
Least helpful Helpful Most helpful	set
Financial support (e.g. grants or loans)	
Re Least helpful Helpful Most helpful	set
Something else (please specify)	

Your thoughts about climate change

Which of the following statements most accurately reflects your views about who should take action on climate change? Please prioritise the following by moving them over from left to right in order of responsibility (top = high responsibility, bottom = low responsibility).



How strongly do you agree with the following statements

	Strongly disagree	Disagree	No opinion	Agree	Strongly agree
It is my responsibility to help to do something about addressing climate change	0		0	0	0
I personally feel that I can make a difference with regard to climate change	0	0	0	0	0
I feel confident humans will come up with solutions to tackle climate change	0		0		0
I am not prepared to make changes to my lifestyle for the sake of addressing climate change	0	0	0	0	

Part 2 – Council actions to support and enable the community to address climate change

Taking action on climate change in Frankston

Climate change means that extreme weather events like heatwaves, floods, storms, and bushfires are all likely to become more severe and more frequent. Longer term changes like droughts, sealevel rise, and increased temperatures are also likely to get worse.

These changes could have serious negative impacts on people, buildings, infrastructure, and our local environment, and on emergency services. It is, therefore, important to take action to reduce vulnerability to climate-related impacts, as well as adapting to a changing climate.

Council has identified several aspects of the Frankston municipality that are most vulnerable to the impacts of climate change.

These aspects include:

- People (e.g., people in hard-to-heat/cool homes, people in flood-prone areas)
- Infrastructure (e.g., roads, stormwater drains, Council-owned buildings)
- Natural environment (e.g., coastline, wildlife, wetlands)
- **Emergency services** (e.g., VIC SES, CFA/FRV, community volunteers)

Below are four groups of actions that could reduce community emissions and vulnerability to climate impacts in Frankston City. Several actions can both reduce emissions and help to reduce the City's vulnerability. These are either actions that Council can take on its own, or in partnership with others, for example, with residents, businesses, other levels of government or other councils.

What should Council do to support the community to reduce emissions and vulnerability across Frankston City?

For each group, which actions do you think the Council should prioritise? [from low to high priority]

Buildings

The actions listed here aim to reduce emissions from electricity and gas in existing and new homes, businesses and commercial buildings. Some actions can also reduce vulnerability to climate-related impacts and help to adapt to a changing climate. Please rank the actions in order of importance. There are no wrong answers, it's just about what you think.

Building Standards

- Information & education: Help and encourage residents and businesses to increase their uptake of energy efficiency, renewable energy and emissions reduction activities and behaviours through targeted education and engagement services
- Standards for existing buildings: Reduce the risk from climate impacts for residents in low-quality housing(e.g. older rentals) by working with State and National bodies to ensure these homes meet current design standards.
- Standards for existing buildings: Advocate to State and National Governments to increase the energy efficiency of existing buildings (e.g. through installing insulation, replacement of inefficient electrical fittings and appliances).

Standards for new buildings: Improve the energy efficiency standards of new buildings and renovations by working with developers, State and National bodies, and other councils to improve development standards.

Standards for new buildings: Reduce gas use by seeking all-electric new developments (with no gas connections) by working with developers, State and National bodies, and other councils.

Funding & Energy-saving opportunities

Funding for energy saving works: Provide Environmental Upgrade Finance for energy saving works (e.g. lighting upgrades, insulation, solar power) via low interest loans collected through the rates system for Frankston City's residents.

Funding for electric heat pumps: Boost the financial support available to residents and businesses to replace gas heating with electric heat pumps.

Funding for new electric appliances: Boost the financial support available to residents and businesses to replace gas appliances with energy efficient electric appliances (e.g. heating and cooling or hot water systems).

Funding for energy assessments: Boost the financial support available for residents and businesses to access an in-person energy assessment to help them find out where they use energy and how to reduce it

Renewable energy: Support businesses and residents to get a good deal on switching to renewable energy (e.g. energy from wind and solar) through a collective power purchase.

Renewable energy: Investigate bulk-buy programs for batteries, solar power, heat pumps and other renewable technologies for residents and businesses

Renewable energy: Investigate ways to support increased solar power uptake for apartment buildings.

Transport

These actions aim to reduce emissions from transport across the Frankston City community. Please rank the actions in order of importance. There are no wrong answers, it's just about what you think.

• Walking, cycling and public transport: encourage the greater use of low emission transport options (e.g. public transport, walking and cycling) across Frankston City through planning, information provision, advocacy, education and program delivery.

Walking, cycling and public transport: Expand sustainable transport options (e.g. cycling, walking and public transport) across Frankston City, ensuring that active travel is safe, accessible and well maintained for everyone

Electric vehicles: Work with industry, businesses and government bodies to facilitate the installation of electric vehicle (EV) public charging infrastructure across the municipality, powered through clean energy.

Electric vehicles: Investigate ways to support residents and businesses to install EV charging equipment

Transport and new developments: Continue to invest in and advocate for improvements to transport services and infrastructure in areas of greatest residential density, to increase the public use of low emission modes of transport.

Car-share programs: Investigate ways to support local car-share programs for individuals who don't own a car to access a car on-demand through short-term rentals, reducing car ownership

Waste and consumption

These actions aim to reduce emissions from waste. Please rank the actions in order of importance. There are no wrong answers, it's just about what you think.

Reduce waste: Continue to promote waste avoidance, diversion from landfill and recycling and resource recovery through community education and engagement programs. Less waste also creates a more resilient environment when faced with climate impacts.

Divert waste: Promote Frankston's food organics & garden organics (FOGO) kerbside collection service to reduce food waste and associated landfill emissions from community waste.

Waste to Energy: Explore opportunities in Advanced Waste Processing solutions to reduce waste to landfill

Consumption: Further education and support of reuse, repair and share options – repair cafes, Men's Sheds, Charity Shops and the second-hand marketplace.

Environment and infrastructure

These actions aim to reduce emissions by storing carbon in the natural environment, as well as reducing the vulnerability of the natural environment to the impacts of climate change. Please rank the actions in order of importance. There are no wrong answers, it's just about what you think.

- **Tree planting**: Support residents and businesses to plant native trees and plants at home or in the local area to absorb carbon and provide shade.
- **Tree planting**: Implement the Urban Forest and Biodiversity Action Plans, e.g., for planting trees to store carbon, provide shade and habitat, improve water retention
- Strengthening coastal areas: Finalise Coastal and Marine Management Plan addressing pollution of the marine environment from stormwater, coastal erosion, and risk from storm surges to local residents as sea levels rise.
- Strengthening coastal areas: Partner with Organisations (e.g DELWP) to improve the condition and ecological connectivity of habitats of our marine and coastal environment
- **Stormwater and drains:** Conduct regular assessments with the latest climate projections for stormwater and rainfall and ensure Council's drainage network continues to have sufficient capacity for managing stormwater and reducing stormwater pollution into the local environment.

• **Protect native flora and fauna:** Implement the Biodiversity Action Plan and investigate ways to prevent loss of native biodiversity from climate-related impacts such as droughts, heatwaves, and floods.

Emergency Management

These actions aim to ensure the readiness of Council and the Frankston community for the projected more frequent extreme weather events.

- Planning for emergency events: Ensure Council has adequately planned for climate-related impacts (e.g., floods and storms), and the risks to residents, by including the most recent climate-related projections in the municipality's Emergency Management Plans.
- Planning for emergency events: Continue working with emergency response agencies to support and encourage resident involvement in State Emergency Service support agencies
- Planning for emergency events: Advocate to relevant government agencies for updated flood and bushfire modelling
- Planning for emergency events: Advocate to the state government and relevant agencies to continue to improve emergency warning systems.
- Information and Education: Help community to better prepare, plan and deal with potential extreme weather events by providing information, toolkits or training (e.g. on emergency planning, map of cooling-off places available during a heatwave and others)

Part 3 – About You

Please tell us a bit about you.

- * 1. What is your connection to the Frankston municipality? Please tick the boxes that are applicable to you.
- a) Local resident
- b) Study here
- c) Local business owner
- d) Visitor or tourist
- e) Work here
- f) Member of a local community group

Other (please specify)

	If you ticked 'local resident' above, please tell us which area you live in.
	Carrum Downs Langwarrin
	Frankston Langwarrin South
	Frankston North Sandhurst
	Frankston South Seaford
	Karingal Skye
Add	Other

3. What is your age? Please select applicable age group.

12-18 years

19-24 years

25-35 years

36-45 years

46-55 years

56-65 years

Above 65 years

Prefer not to say

4. What is your gender?

Female

Male

Prefer not to say

Prefer to self-describe. Please describe in comment box below.

5. Do you identify as Aboriginal and/or Torres Strait Islander person?

Yes No

6. Do you speak a language other than English

Yes No If yes, please describe

7. How would you describe your housing situation?

- a. Fully own this home
- b. Purchasing this home (mortgage)
- c. Renting this home
- d. Public or Social Housing
- e. Other (please describe)

Appendix 4

ID	Group	Actions	Ranking
1	Building	Standards for new buildings: Improve the energy efficiency standards of new buildings	2.92
1	Standards	and renovations by working with developers, State and National bodies, and other	2.92
	Standards	councils to improve development standards.	
2	Environment	Strengthening coastal areas: Finalise Coastal and Marine Management Plan addressing	2.83
_	and	pollution of the marine environment from stormwater, coastal erosion, and risk from	2.03
	infrastructure	storm surges to local residents as sea levels rise.	
3	Funding &	Renewable energy: Support businesses and residents to get a good deal on switching to	2.82
	Energy-saving	renewable energy (e.g. energy from wind and solar) through a collective power purchase.	
	opportunities		
4	Waste and	Reduce waste: Continue to promote waste avoidance, diversion from landfill and	2.81
	consumption	recycling and resource recovery through community education and engagement	
		programs. Less waste also creates a more resilient environment when faced with climate	
		impacts	
5	Environment	Protect native flora and fauna: Implement the Biodiversity Action Plan and investigate	2.80
	and	ways to prevent loss of native biodiversity from climate-related impacts such as droughts,	
	infrastructure	heatwaves, and floods.	
6	Funding &	Renewable energy: Investigate bulk-buy programs for batteries, solar power, heat pumps	2.79
	Energy-saving	and other renewable technologies for residents and businesses	
7	opportunities	Diverturate Dramata Frankston/a food arranica (conden arranica /FOCO) karbaida	2.70
7	Waste and consumption	Divert waste: Promote Frankston's food organics & garden organics (FOGO) kerbside collection service to reduce food waste and associated landfill emissions from community	2.78
	Consumption	waste.	
8	Environment	Tree planting: Implement the Urban Forest and Biodiversity Action Plans, e.g., for	2.77
	and	planting trees to store carbon, provide shade and habitat, improve water retention	,
	infrastructure		
9	Environment	Tree planting : Support residents and businesses to plant native trees and plants at home	2.76
	and	or in the local area to absorb carbon and provide shade	
	infrastructure		
10	Waste and	Waste to Energy: Explore opportunities in Advanced Waste Processing solutions to	2.74
	consumption	reduce waste to landfill	
11	Funding &	Renewable energy: Investigate ways to support increased solar power uptake for	2.70
	Energy-saving	apartment buildings	
	opportunities		
12	Environment	Stormwater and drains: Conduct regular assessments with the latest climate projections	2.70
	and	for stormwater and rainfall and ensure Council's drainage network continues to have	
	infrastructure	sufficient capacity for managing stormwater and reducing stormwater pollution into the local environment.	
13	Emergency	Planning for emergency events: Ensure Council has adequately planned for climate-	2.70
13	management	related impacts (e.g., floods and storms), and the risks to residents, by including the most	2.70
	anapement	recent climate-related projections in the municipality's Emergency Management Plans	
14	Environment	Strengthening coastal areas: Partner with Organisations (e.g. DELWP) to improve the	2.69
17	and	condition and ecological connectivity of habitats of our marine and coastal environment	2.03
	infrastructure	as a second second connectivity of masters of our marine and coastal citylioninent	
15	Emergency	Planning for emergency events: Advocate to relevant government agencies for updated	2.69
	management	flood and bushfire modelling	

ID	Group	Actions	Ranking
16	Building Standards	Standards for existing buildings: Reduce the risk from climate impacts for residents in low-quality housing(e.g. older rentals) by working with State and National bodies to ensure these homes meet current design standards.	2.65
17	Building Standards	Standards for existing buildings: Advocate to State and National Governments to increase the energy efficiency of existing buildings (e.g. through installing insulation, replacement of inefficient electrical fittings and appliances).	2.65
18	Transport	Transport and new developments: Continue to invest in and advocate for improvements to transport services and infrastructure in areas of greatest residential density, to increase the public use of low emission modes of transport.	2.64
19	Transport	Walking, cycling and public transport: Expand sustainable transport options (e.g. cycling, walking and public transport) across Frankston City, ensuring that active travel is safe, accessible and well maintained for everyone	2.63
20	Waste and consumption	Consumption: Further education and support of reuse, repair and share options – repair cafes, Men's Sheds, Charity Shops and the second-hand marketplace	2.63
21	Building Standards	Standards for new buildings: Reduce gas use by seeking all-electric new developments (with no gas connections) by working with developers, State and National bodies, and other councils.	2.61
22	Building Standards	Information & education: Help and encourage residents and businesses to increase their uptake of energy efficiency, renewable energy and emissions reduction activities and behaviours through targeted education and engagement services	2.59
23	Emergency management	Planning for emergency events: Continue working with emergency response agencies to support and encourage resident involvement in State Emergency Service support agencies	2.57
24	Emergency management	Planning for emergency events: Advocate to the state government and relevant agencies to continue to improve emergency warning systems.	2.55
25	Transport	Electric vehicles: Investigate ways to support residents and businesses to install EV charging equipment	2.54
26	Funding & Energy-saving opportunities	Funding for energy assessments: Boost the financial support available for residents and businesses to access an in-person energy assessment to help them find out where they use energy and how to reduce it	2.51
27	Transport	Walking, cycling and public transport: encourage the greater use of low emission transport options (e.g. public transport, walking and cycling) across Frankston City through planning, information provision, advocacy, education and program delivery	2.49
28	Transport	Electric vehicles: Work with industry, businesses and government bodies to facilitate the installation of electric vehicle (EV) public charging infrastructure across the municipality, powered through clean energy.	2.49
29	Funding & Energy-saving opportunities	Funding for energy saving works : Provide Environmental Upgrade Finance for energy saving works (e.g. lighting upgrades, insulation, solar power) via low interest loans collected through the rates system for Frankston City's residents.	2.49
30	Emergency management	Information and Education: Help community to better prepare, plan and deal with potential extreme weather events by providing information, toolkits or training (e.g. on emergency planning, map of cooling-off places available during a heatwave and others)	2.48
31	Funding & Energy-saving opportunities	Funding for new electric appliances: Boost the financial support available to residents and businesses to replace gas appliances with energy efficient electric appliances (e.g. heating and cooling or hot water systems).	2.45

ID	Group	Actions	Ranking
32	Funding & Energy-saving opportunities	Funding for electric heat pumps : Boost the financial support available to residents and businesses to replace gas heating with electric heat pumps	2.43
33	Transport	Car-share programs : Investigate ways to support local car-share programs for individuals who don't own a car to access a car on-demand through short-term rentals, reducing car ownership	2.19

Appendix 5





Review the Climate Change Strategy by scanning the QR code or visiting engage.frankston.vic.gov.au/climate-change



In the 2020 Community Climate Change Survey, almost 80% our community respondents told us that they are very concerned about the impacts of climate change.

We have developed a Climate Change Strategy that identifies the risks, opportunities and priorities for Frankston City to reduce emissions and build resilience to climate change impacts for the benefit of the community, economy and the environment.

Through active participation in the review process, your voice can help shape Council's climate response. Council will be using your input to deliver a variety of climate mitigation and adaptation measures.