

# City of Darebin Inspired Climate Change Solutions

Team FoE  
December 11, 2017



**ACT ON  
CLIMATE**  
FRIENDS OF THE EARTH

# Who we are

- Four students from Worcester Polytechnic Institute
- Completing our Interactive Qualifying Project (IQP)
- Goal of IQP: For students to work in interdisciplinary teams to tackle an issue that relates science, engineering, and technology to society



# Our Project



**ACT ON  
CLIMATE**  
FRIENDS OF THE EARTH



*City of*  
**DAREBIN**



## **Climate Emergency Plan**

**Darebin Climate Emergency Plan  
2017-2022 Summary**

The goal of this project was to assist AoC volunteers with empowering communities in the city of Darebin to be able to voice their concerns and solutions towards climate change.

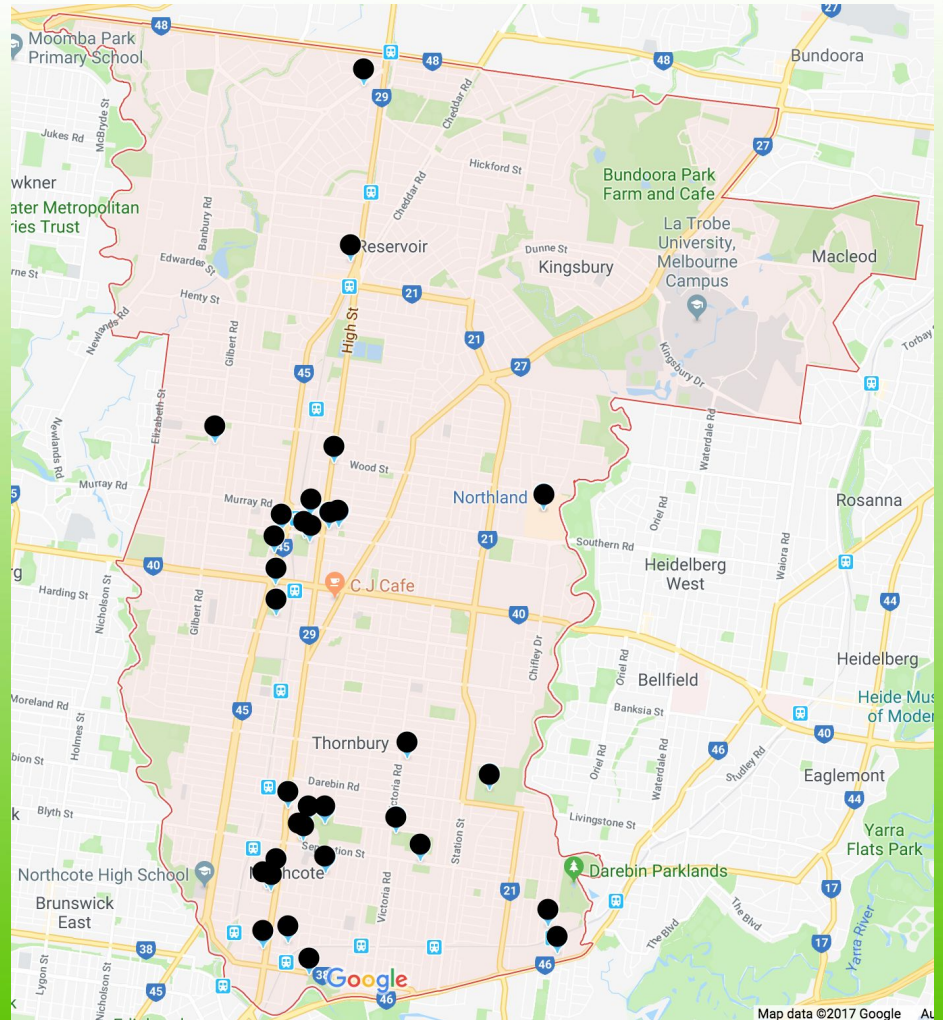


# Our Objectives

1. Identify attractors and efficient methods to contact constituents.
2. Assess constituent knowledge and positions on current and projected climate change.
3. Identify trends in constituent knowledge, positions, and solutions related to climate change.

Identify attractors and efficient methods to contact constituents.

- Displaying flyers at attractors
- Emailing local groups
- Reaching out through social media
- Attending local events



# Assess constituent knowledge and positions on current and projected climate change.

How well do you feel that you understand climate change?

Extremely well

Very well

Moderately well

Slightly well

Not well at all

# Identify trends in constituent knowledge, positions, and solutions related to climate change.

What climate change effects are you most concerned about? Drag and drop one effect from the list into each box, putting the effect of highest concern in Concern 1, and then in order of decreasing concern. You may list up to 5 concerns.

## Items

Increased temperature/heat waves

Increased fire risk

Melting ice caps

More extreme weather/natural disasters

Rising sea level

Wars (From related issues)

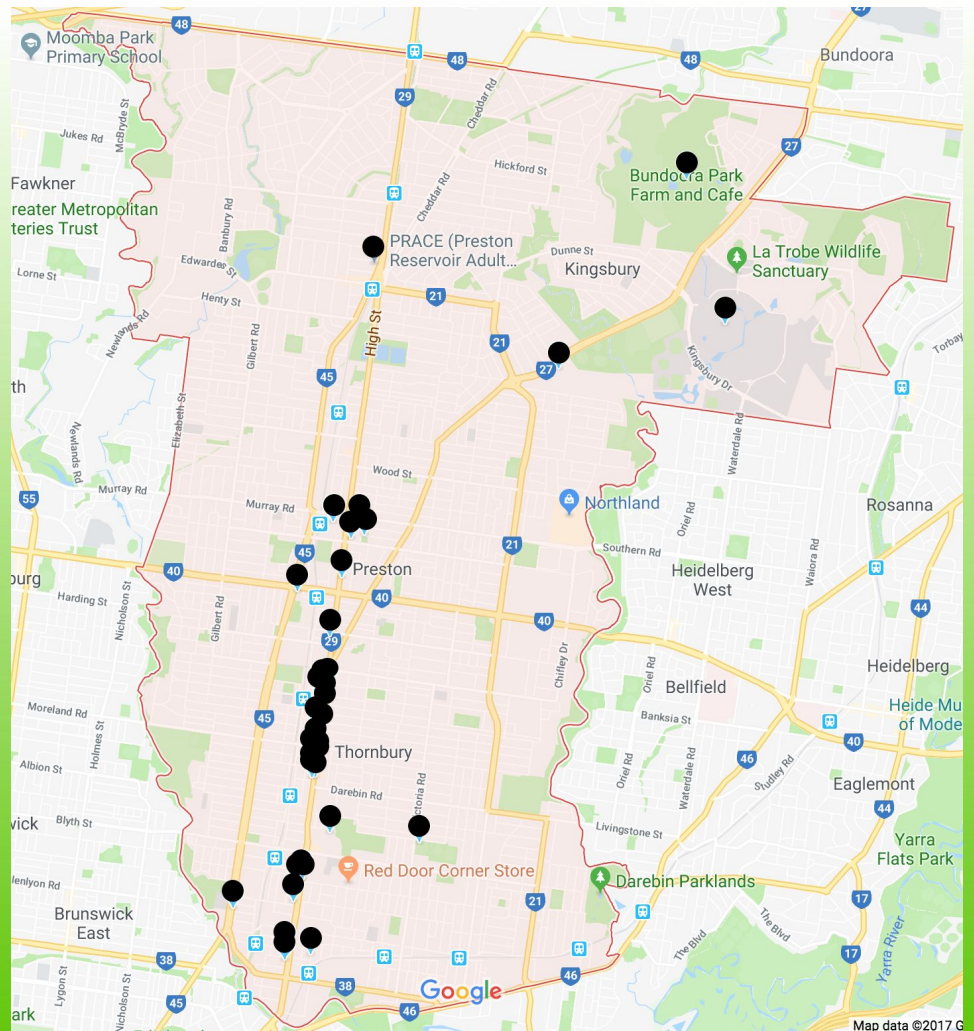
## Concern 1 (Most concerned)

## Concern 2

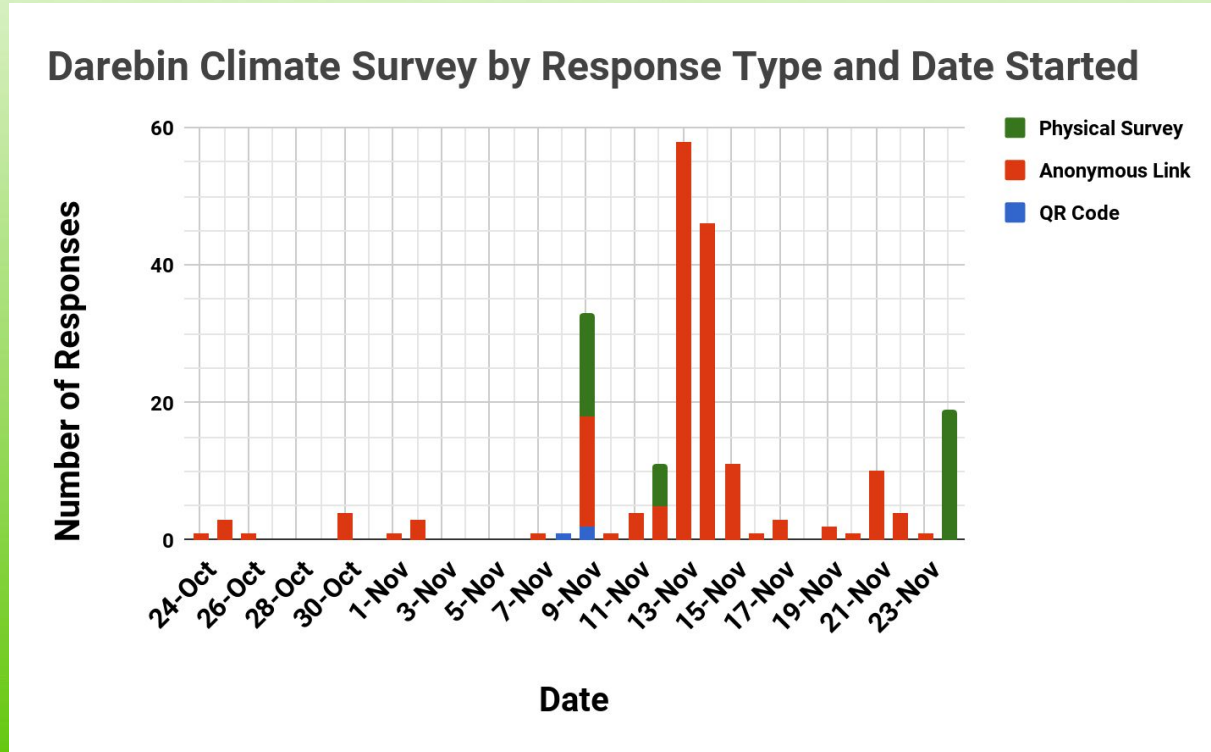


# Successful Attractors

- 52 locations allowed us to hang our Darebin Climate flyer
- Contacted 53 community groups via email or Facebook



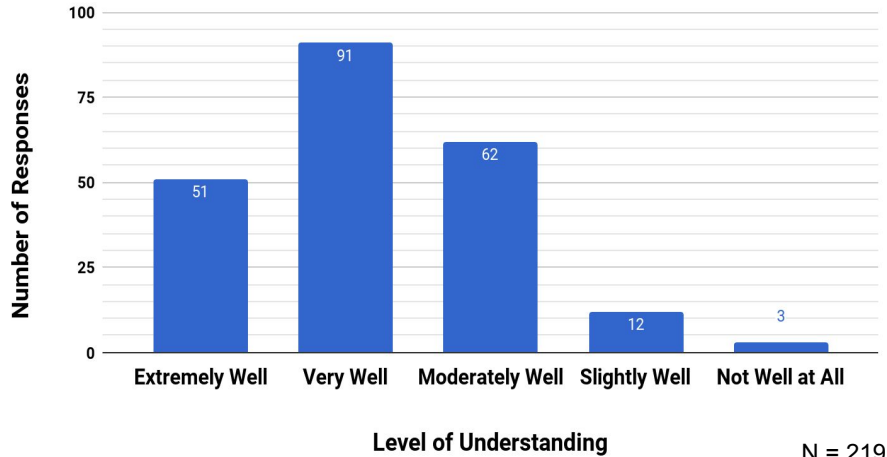
# Online outreach was the most efficient way to collect survey responses



# “How well do you feel that you understand climate change?”

Total: 219 responses

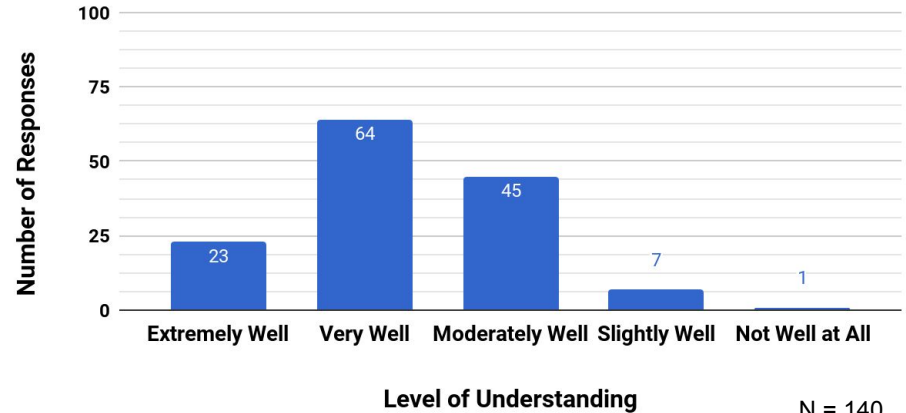
“How well do you feel that you understand climate change?”



N = 219

Darebin area: 140 responses

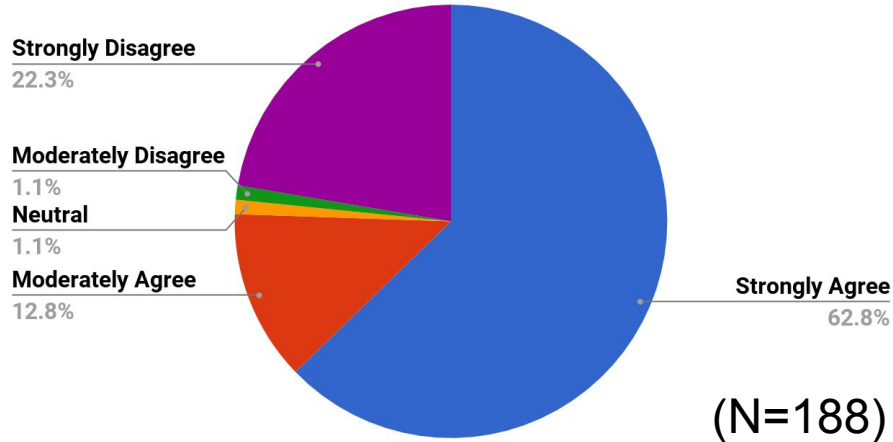
“How well do you feel that you understand climate change?” (Darebin Specific Data)



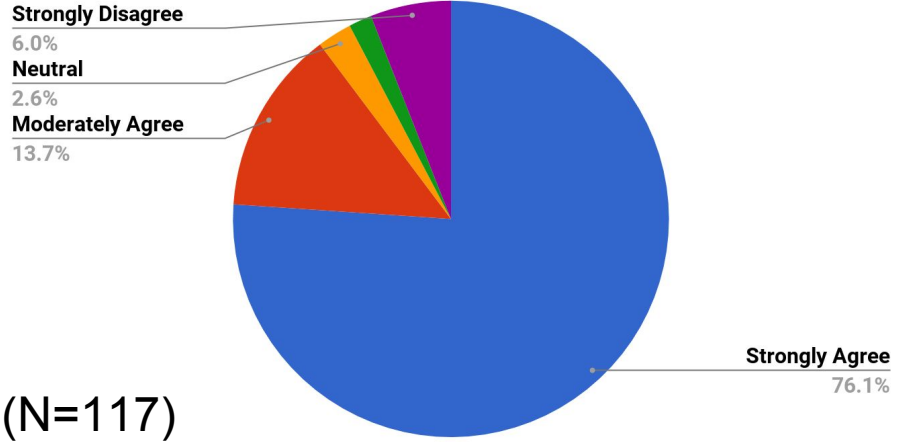
N = 140

# “Do you agree with the Darebin Council’s use of the term ‘Climate Emergency’?”

Total: 188 responses

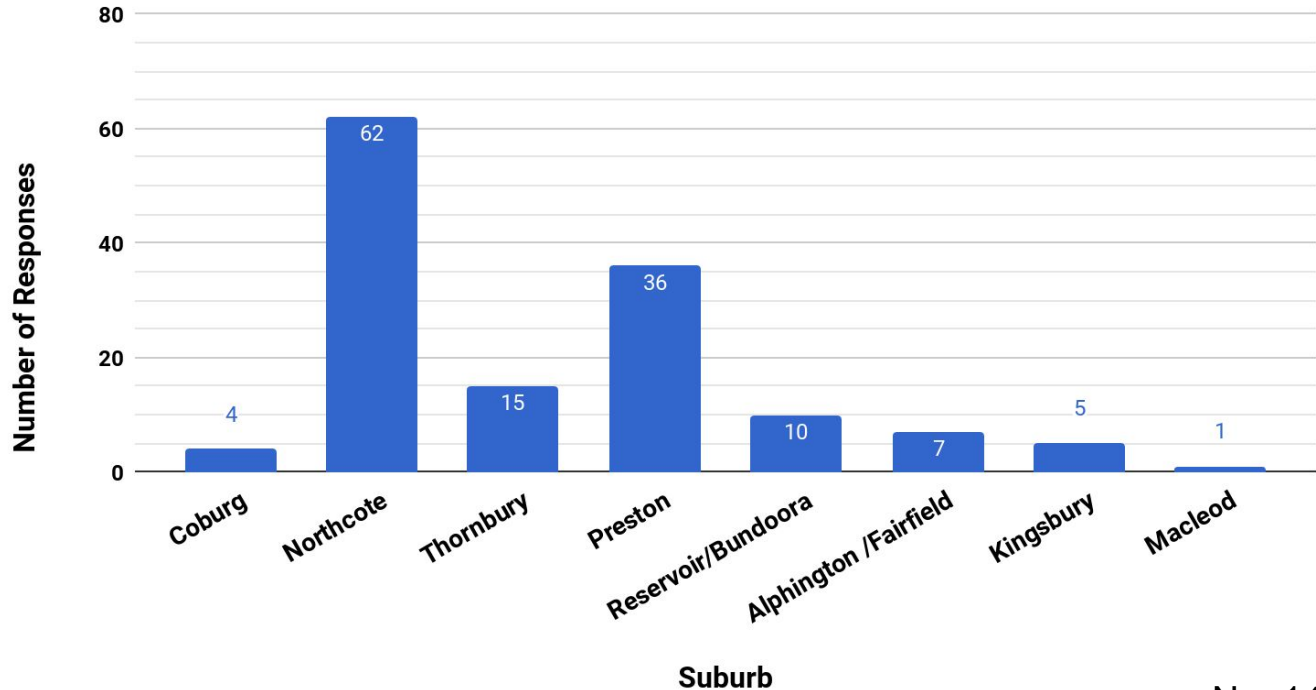


Darebin area: 117 responses



81% of our survey responses came from Northcote, Thornbury and Preston

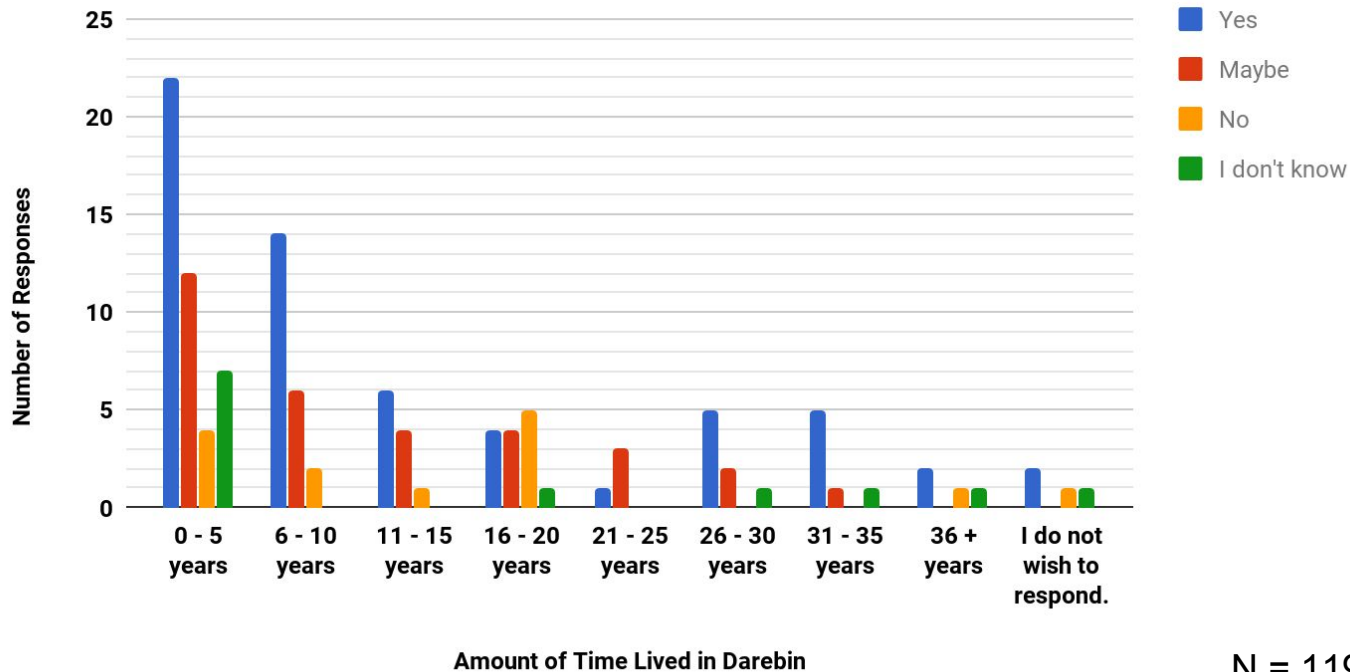
Number of Survey Responses per Suburb (Darebin Specific Data)



N = 140

61 respondents said they have observed climate change effects in Darebin (N=119)

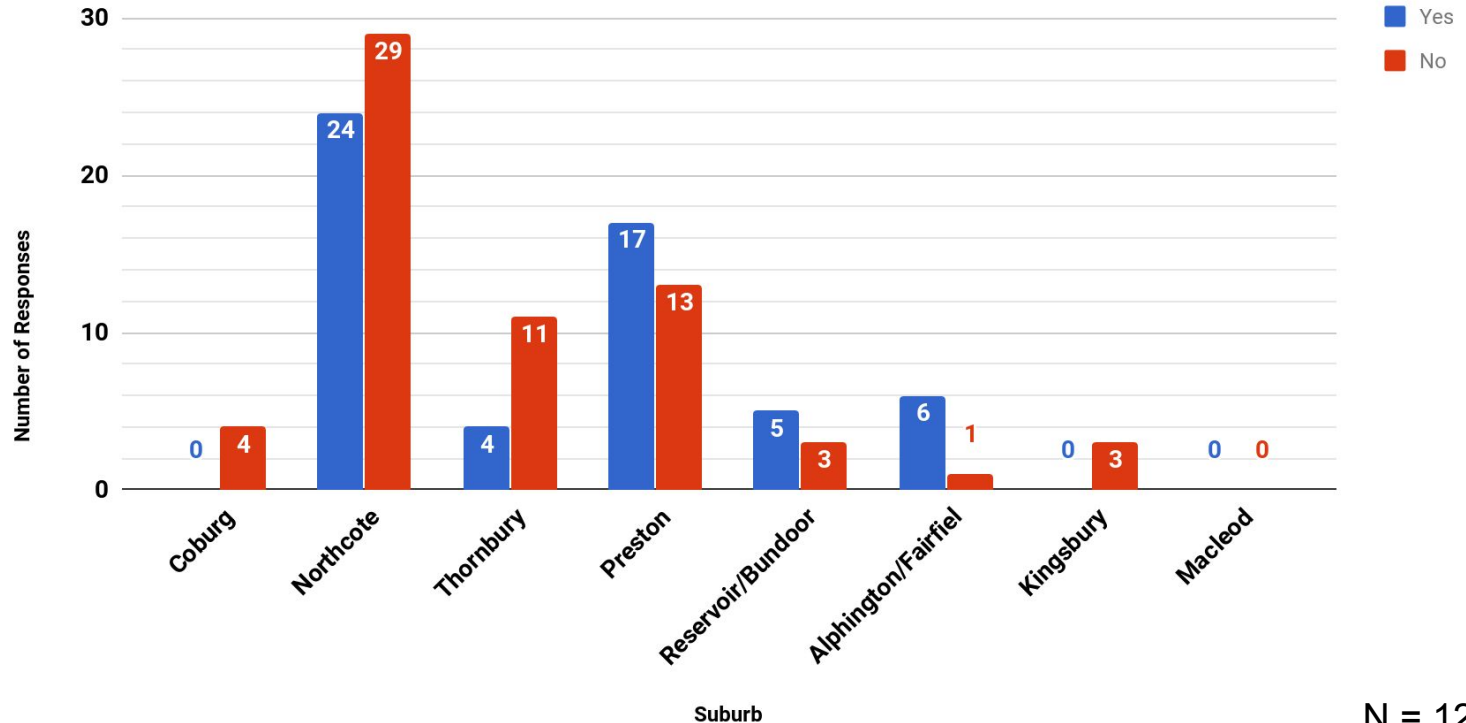
"Do you feel that you have observed climate change effects in the city of Darebin?" (Darebin Specific Data)



N = 119

# 47% of Darebin residents have heard of the Darebin Climate Emergency Plan

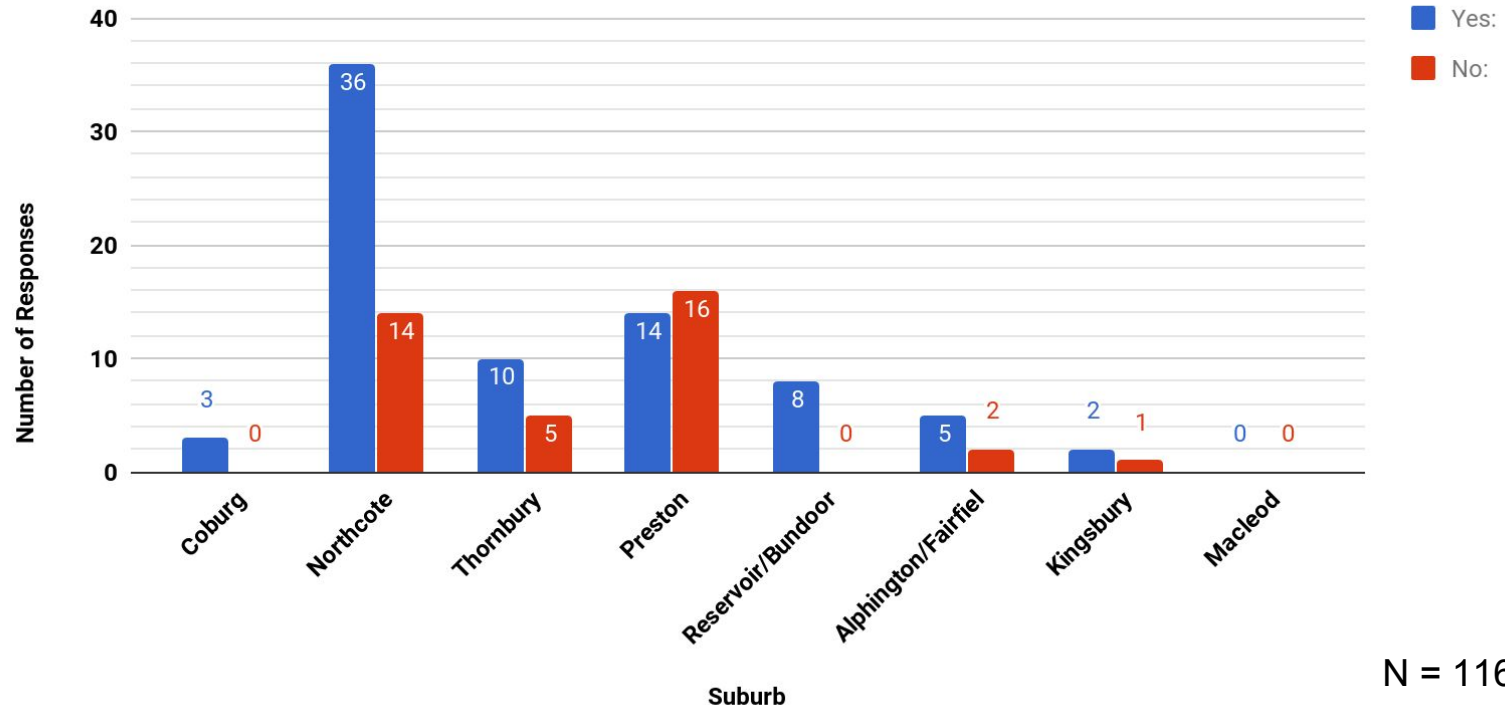
"Have you heard of the Darebin Climate Emergency Plan?" (Darebin Specific Data)



N = 120

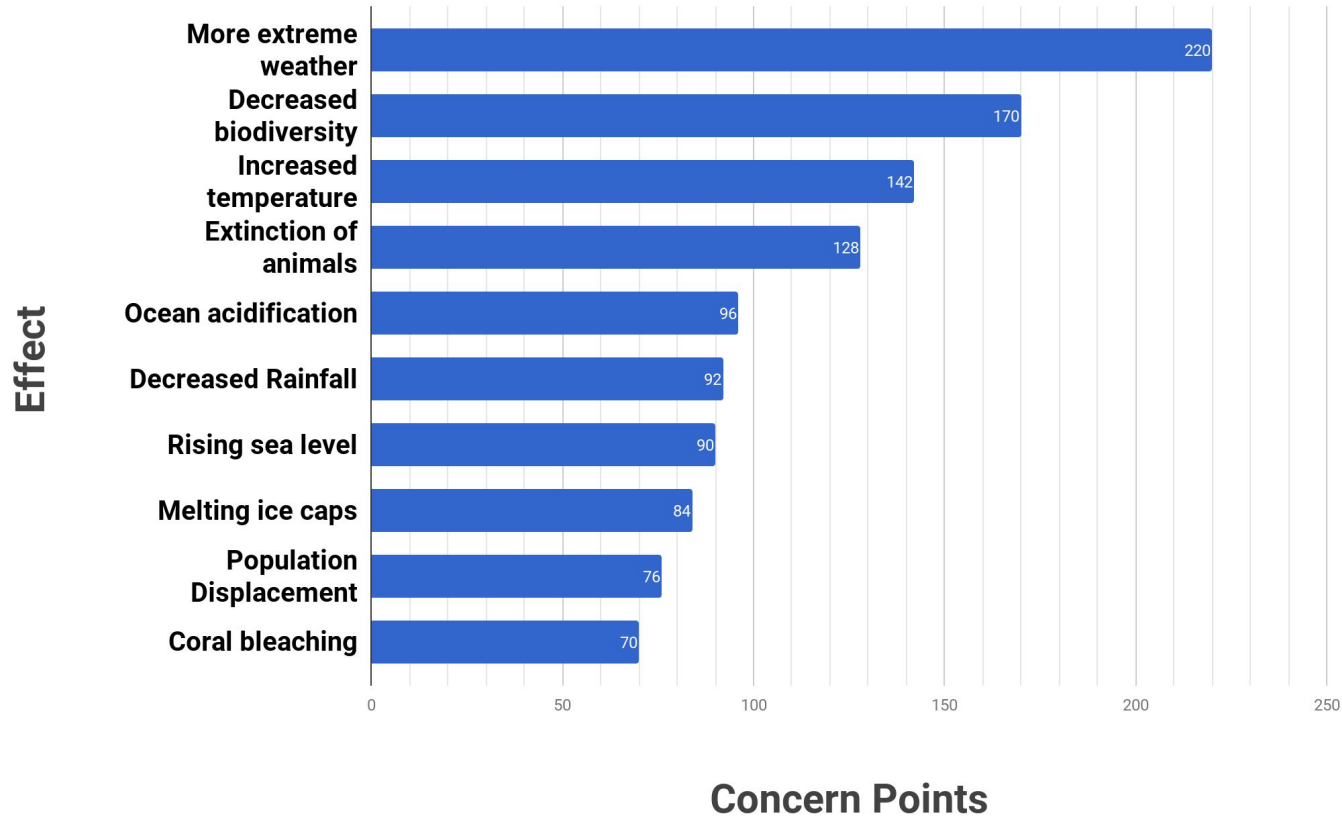
# 67% of Darebin residents want to learn more about the Climate Emergency Plan

"Do you want to learn more about the City of Darebin Climate Emergency Plan?"  
(Darebin Specific Data)



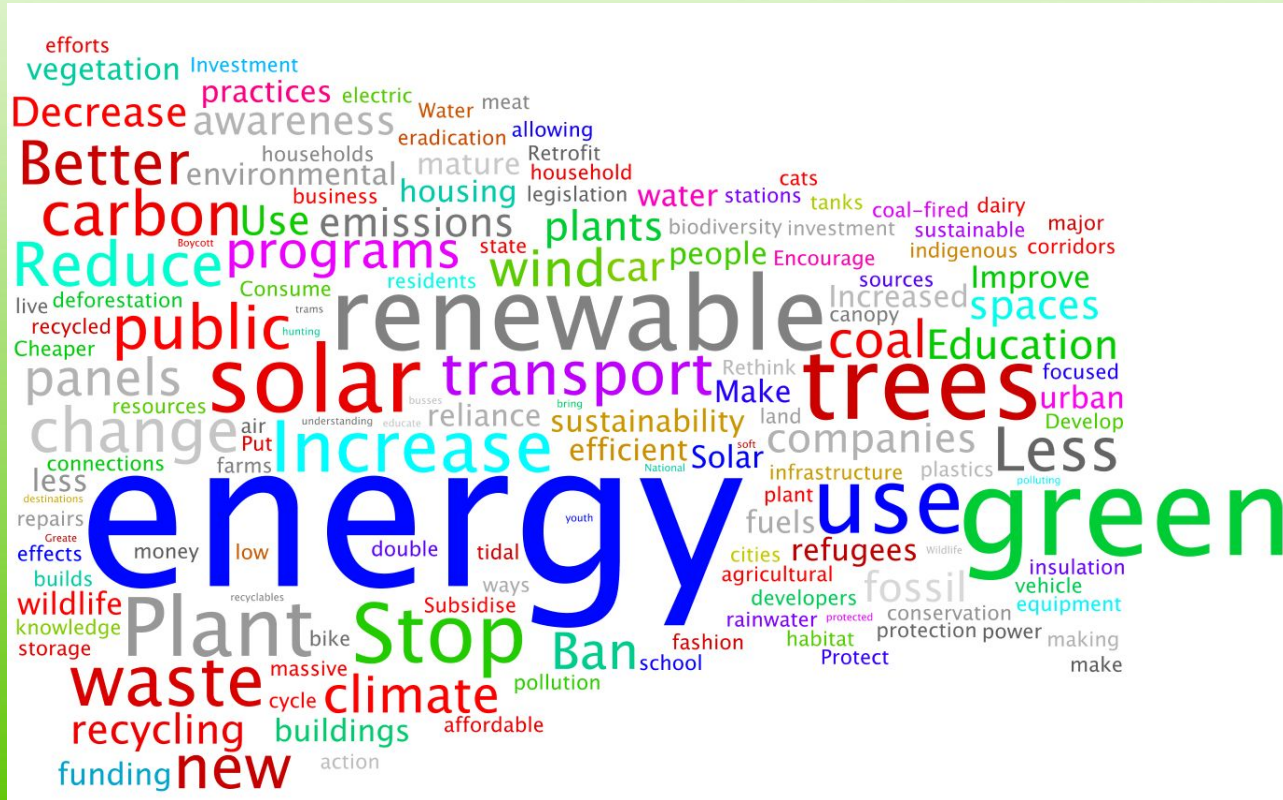


## Top 10 Effects of Greatest Concern



**Increased extreme weather** was the effect that received the most points.

**Renewable energy** was the most frequently mentioned solution for combating climate change.




# Promotion of the Climate Emergency Plan (Social Media)



**City of Darebin**  
@CityofDarebin


The City of Darebin is a local council in northern Melbourne, Australia. Privacy Statement [ow.ly/XStY4](http://ow.ly/XStY4)

📍 Victoria, Australia  
🌐 [darebin.vic.gov.au](http://darebin.vic.gov.au)  
📅 Joined June 2009



Darebin City Council  
@cityofdarebin

- Home
- Posts
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517 posts   1,588 followers   171 following

**DarebinCouncil** Featuring Darebin's diverse community, parks, events & more! Share your fave pics by tagging #DiscoverDarebin. Privacy [darebin.vic.gov.au/privacy](http://darebin.vic.gov.au/privacy) [www.darebin.vic.gov.au](http://www.darebin.vic.gov.au)

# Promotion of the Climate Emergency Plan (General News)

## Key Direction Five: Consumption and Waste Minimisation

The rapid depletion of earth's resources as well as our waste problem both contribute to unsustainable consumption. Waste sent to landfill is also a source of greenhouse gases. To combat unsustainable consumption the Council will help the community reduce waste through information, education, and infrastructure.

### What can I do?

- Recycle
- Purchase smaller amounts of food at a time so it does not go stale or rot
- Eat less carbon intensive foods (such as meat and dairy)



# Methodology for climate change data collection across Victoria

## This booklet includes...

1. Methods to contact constituents.
2. Assess constituent knowledge and positions on current and projected climate change impacts.
3. Ways to identify trends in constituent knowledge, positions, and solutions related to climate change.

# Act on Climate Instagram account

## #IActOnClimateChange

### January 2018 - AirCon Safe Spaces!

Mon	Tue	Wed	Thurs	Fri	Sat	Sun
1 Introduce the theme and photo contest!	2	3 Reminder of photo contest	4	5 Feature Friday	6 Reminder of collective meeting	7

ActOnClimateVic

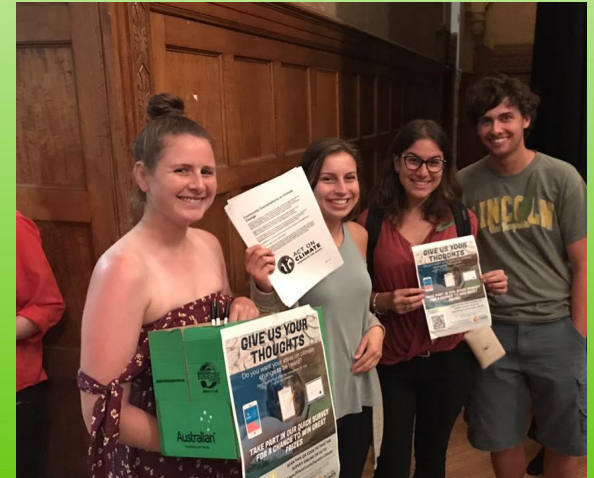
5 mins



♥ 219 likes

Happy first day of May! This month's theme is "Reduce, Reuse, Recycle." Post a picture of you practicing your favorite "R" and hashtag [#IActOnClimateChange](#) for your chance to win a free plate of food at the [FoE Co-op](#) in [Collingwood](#)!

# Successes and Challenges



# Thank you!

## Questions?



# References for Pictures

[https://commons.wikimedia.org/wiki/File:Map\\_of\\_USA\\_showing\\_state\\_names.png](https://commons.wikimedia.org/wiki/File:Map_of_USA_showing_state_names.png)

<https://foe.org/>

<https://upload.wikimedia.org/wikipedia/en/9/9a/DarebinCityCouncilLogo.svg>

<https://twitter.com/therealewbank>

<http://www.kingsburyps.vic.edu.au/index.php/en/kps/about-us>

<http://fairfieldps.vic.edu.au/>

<http://thornburyps.vic.edu.au/>

<http://www.reservoirps.vic.edu.au/>

<http://www.preston-ps.vic.edu.au/>

<https://www.instagram.com/darebincouncil/>

<https://twitter.com/cityofdarebin>

<https://www.youtube.com/user/DarebinCityCouncil>

<https://www.facebook.com/cityofdarebin/>

<https://en.instagram-brand.com/guidelines/general>

<https://twitter.com/prestonleader>