

We need your help!

Banyule City Council recognises the need for urgent action to reduce carbon emissions and combat climate change. We're committed to displaying leadership and supporting the community to reach carbon neutrality.

We're developing two plans to get there:

- The Corporate Emissions Reduction Plan: to reach our goal of carbon neutral operations by 2028, concentrating on emissions sources within Council's direct control.
- The Community Emissions Reduction Plan: to work towards a carbon neutral municipality, supporting the community through incentives, advocacy and education to enable action.

We need your help to develop Banyule's **Community Emissions Reduction Plan**

The Climate Action Resolution

In December 2018 Council passed a Climate Action resolution committing to strong, collaborative and urgent action to reduce emissions across Banyule.

We have worked with technical experts to identify the municipality's emission sources and future trends. This will help us identify which actions should be prioritised to work towards carbon neutral Banyule.

Climate change relates to the build-up of Greenhouse Gases (GHG) in the earth's atmosphere. The build-up of GHG traps heat from the sun and results in a gradual increase in earth's temperatures. A total of 99% of climate scientists agree that human influence has been the leading cause of climate change related global warming, through the production of GHG.

What is carbon neutrality?

Carbon neutrality means that there is net zero emissions arising from an organisation, product or service.

Carbon neutrality can be achieved by reducing energy consumption, improving energy efficiency and utilising renewable forms of energy.

While some emissions are unavoidable, an organisation can take action to offset emissions such as planting trees and renewable energy and energy efficiency projects.

We want your insights! We want to know what is stopping the community from lowering their emissions and how we can better support their efforts.

For more information, to complete the survey or register to attend a focus group go to:

[SHAPINGBANYULE.VIC.GOV.AU/CLIMATEACTION](https://shapingbanyule.vic.gov.au/climateaction)



What are greenhouse gas emissions (GHG)?

Climate change relates to the problem of too many Greenhouse Gases (GHG) in our atmosphere, which traps heat below the atmosphere, warming temperatures across earth.

It is now understood that since the industrial revolution, human activity has significantly increased the amount of these gases being released into the atmosphere, leading to increased warming. The main causes of GHG emissions are the burning of fossil fuels such as coal, gas, petrol and diesel, clearing of trees for development and increasing urbanisation.

We are already starting to feel the effects of this, as evidenced by increasing weather extremes, and the number, duration and severity of heatwaves (just to name a few effects).

Some of the things that households could do to lower emissions include:

- Changing over all lights in their house to LED.
- When upgrading appliances be sure to get high star rated alternatives (8-10 Stars).
- When upgrading heating and cooling look to highly efficient reverse cycle systems.
- When upgrading hot water services make sure to install electric heat pumps instead of the regular gas system.
- Install/upgrade insulation, including in the roof and floor.
- Install solar power on all homes.

Did you know:

On average LEDs consume 80% less energy than other lighting forms?

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