

# NET ZERO CLIMATE CHANGE RESPONSE PLAN 2021-30

## YEAR 2 PROGRESS REPORT 2023-24



### Progress towards our target of net zero emissions by 2025

Our corporate greenhouse emissions have reduced from 2016-22 by 50.5 per cent with the largest reduction in emissions coming from the use of electricity.

The remaining emissions come from our fleet vehicles, of which is incrementally being upgraded to electric or hybrid vehicles, gas assets which are being incrementally upgraded to electric equivalents subject to funding plus landfill waste emissions.

### Progress towards community's target of net zero emissions by 2035

The community has decreased emissions by 4 per cent since 2018-19. Additionally, roughly a third of residential properties have solar pv with projections expecting to increase over the coming years to complement the projected supply of renewables on the grid of 65 per cent by 2030 and 95 per cent by 2035.

### Renewable Energy

- Since 2008, we have installed over 2MW of solar on 28 City facilities.
- Funded the Electric Homes Program with delivery partner Geelong Sustainability in 2023-24 increasing solar uptake across the region.

### Advocacy

- Co-developed a new Barwon South West Climate Alliance to improve collaboration and advocacy for Geelong and the Barwon South West.
- Advocated for National Energy Market reform.
- Advocated to strengthen the national emissions reduction target.
- Advocated to remove barriers for solar pv on multi-unit dwellings.

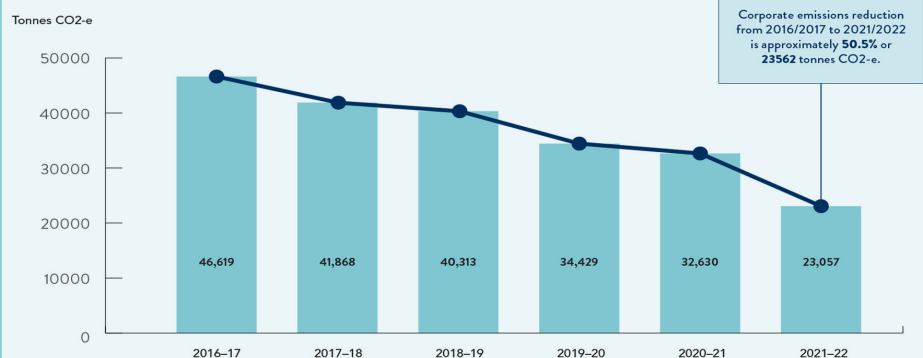
### Environment

- Conducted a gap study to identify priority urban greening sites and are on track to achieve 25 per cent tree canopy on public land.
- Have budgeted to plant 2,363 trees p/a, with hundreds more planted across community groups and new developments.

### Transportation

- We have 61 hybrids and 30 EVs in operation with a new order of 30 EVs for 2024-25 subject to funding.
- Fifteen public charging locations across the region with EV charging sessions doubling 2022-23.

### Operational CO2 - emissions at the City



### Community Health and Resilience

- Inclusion of an organisational strategic risk in relation to climate change to guide risk management across the organisation.
- Developing a cohesive strategy to implement greater greening of Geelong to reduce urban heat island impacts.
- Supporting Geelong Sustainability's Climate Safe Rooms project to find pathways to scale.

### Business and Industry

- The Net Zero Forum introduced businesses to an information session to work toward net zero emissions operationally.
- The Reelectrify Business Program has provided 20 energy assessments, a further 30 are planned.

### Buildings and Infrastructure

- Developing new innovative ESD provisions for planned urban growth areas including minimum provisions for new developments, minimum solar pv for single dwellings.
- Assessments of gas using equipment has been completed with a focus on buildings and assets that have the highest use of gas.

### Community Education

- Funded Geelong Sustainability to deliver Sustainable House Day, which saw over 1,000 people learn about improving a household's energy efficiency and climate resilience.
- Developed Our Climate Actions interactive website to showcase the community and our climate actions.