

NET ZERO

The Climate Response Plan 2021-2031

Year 1 Progress Report 2021/22

Progress towards Council's target of net zero emissions by 2030

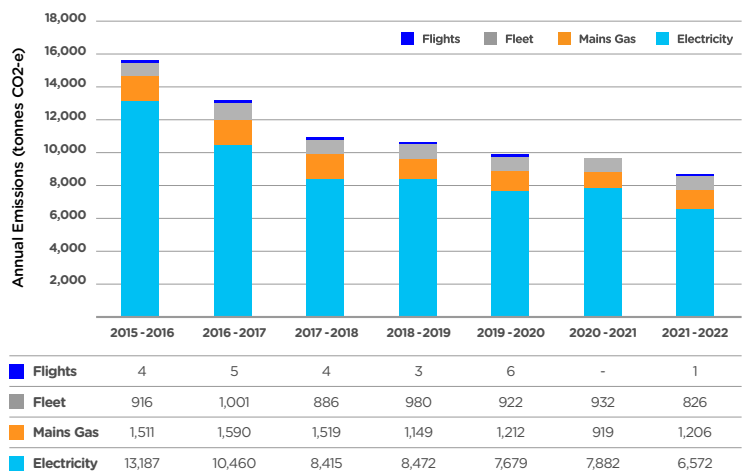
Council's corporate Greenhouse emissions have reduced by 44% since 2015-16 with the largest reduction from the use of electricity.

Emissions for the first year of the Climate Response Plan have reduced by 11.5% from the previous year to 8,605 tonnes of CO₂ equivalent. The disruption caused by the pandemic on emissions from Council's facilities is also evident in the data shown in this table.

Progress towards Community's target of net zero emissions by 2040

Community emissions data is not available annually and will be reported less frequently (i.e every 3 to 5 years) as it relies on third-party reporting cycles.

Annual Corporate Greenhouse Emissions 2015-2022
(in tonnes of CO₂ equivalent)



In the first 12 months of the Climate Response Plan we have:

<p>Renewable Energy</p> <ul style="list-style-type: none"> Installed 156Kw of rooftop solar across 11 facilities Powered all public streetlights with 100% renewable energy Worked with Solar Savers to help residents and businesses install rooftop solar 	<p>Transportation</p> <ul style="list-style-type: none"> Worked with providers to expand the Electric Vehicle charging stations network Encouraged private land holders to consider installing EV charging stations (e.g. shopping centres) Developed an EV transition plan to electrify Council's fleet 	<p>Environment</p> <ul style="list-style-type: none"> Developed the Biodiversity Resilience Plan Developed a holistic tree species selection model that looks at climate change, urban heat islands and habitat corridor connectivity Explored how we can help retain tree canopy cover on private land 	<p>Efficient buildings and infrastructure</p> <ul style="list-style-type: none"> Worked with other councils to introduce planning policy that elevates sustainability and encourage a move to net zero carbon development Implemented the Sustainable Buildings and Infrastructure Policy Upgraded streetlights to LED on major roads in Boronia, Dorset Square carpark, Knox Athletics and Kings Park
<p>Advocacy</p> <ul style="list-style-type: none"> Declared a Climate Emergency Joined the Cities Power Partnership Made a voluntary pledge to the State Government on our climate ambitions Participated in the <i>Planning for a Safe Climate</i> campaign 	<p>Business and Industry</p> <ul style="list-style-type: none"> Undertaken industry research to better understand how we can assist with emissions reduction Offered the Energy Savers program to help businesses improve energy efficiency Convened a buying group of large businesses to join a renewable energy Power Purchase Agreement 	<p>Community Health and Resilience</p> <ul style="list-style-type: none"> Identified where urban heat islands intersect with vulnerable populations to plan for urban cooling Delivered an annual campaign to help community prepare for heat health alert days Assessed the risks and climate vulnerability of Emergency Relief Centre buildings 	<p>Community Education</p> <ul style="list-style-type: none"> Delivered workshops and webinars Facilitated the Eastern Alliance for Sustainable Learning program for schools and kinders Provided an energy advisory service and workshops for residents Introduced My Energy and Water Saver Kits for loan at libraries