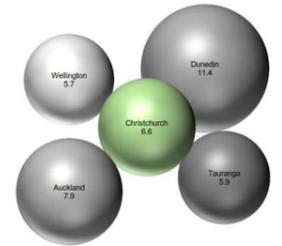


Climate Change Facts



68% of respondents felt very concerned about climate change and felt it was a real threat



In the 2016/2017 year, in Christchurch an estimated 6.6 tonnes CO<sub>2</sub>e/person was emitted



100% battery electric car sharing service launched. 75 cars at hubs across the city.



Healthier Homes Canterbury service commenced in September 2018

PRIORITY ACTIONS FROM THE STRATEGIC PRIORITY ACTION PLAN

- Develop and implement climate change mitigation and adaptation action plans as part of our commitment to the Global Covenant of Mayors for Climate and Energy.
- Add our voice to international collective action and set targets for reducing greenhouse gas emissions.
- Roll out the electric vehicle outreach programme.
- Engage with the business community to encourage action to reduce greenhouse gas emissions.
- Raise awareness with the public to help increase individual and household actions that make a difference to reduce greenhouse gas emissions.
- Set a clear policy pathway to a low greenhouse gas emission future.
- Embed climate change in Council decision-making procedures.
- Pilot innovative solutions to reduce greenhouse gas emissions from Council operations and encourage the uptake of successful solutions by other organisations in the city.

KEY ACHIEVEMENTS TO DATE

- ✓ A climate change programme is in place with approval to deliver an updated strategy followed by mitigation and adaptation plans for the Christchurch district
- ✓ All InfoCouncil reports that require a decision are required to consider climate change impacts
- ✓ Council's internal and external websites have been updated with content on climate change and the climate change programme of work to assist staff in considering climate issues in their work.
- ✓ The Libraries team have developed a climate change programme which was formally launched at Tūranga in February 2019 and included an expert panel discussion on climate change
- ✓ Council provided support to the Regional Climate Change working group in developing their draft 2019 programme
- ✓ The Global Covenant of Mayors for Climate and Energy Inventory badge was achieved in August 2018.
- ✓ New Council Procurement Policy to encourage Council suppliers to be energy efficient, reduce greenhouse gas emissions and to minimise solid waste.
- ✓ The EVworld South event and the Net Carbon Neutral Towns conference were held in Christchurch in November 2018.
- ✓ Opportunities are being explored for practical requirements for suppliers to Council to reduce their greenhouse gas emissions through the new Council Procurement Policy.
- ✓ The Canterbury Regional Council established its Healthy Homes Canterbury service in September 2018
- ✓ Council support for the Future Living Skills programme has helped increase the number of facilitators and ability for rollout across the city. Two courses were held in the latter half of 2018

ANY DECISIONS, OPPORTUNITIES OR RISKS TO FLAG

DECISION:

- Council adoption of a climate change strategy by December 2019 and the development of a climate change mitigation action plan and adaptation action plan by 2020.

OPPORTUNITY:

- Consultation with businesses and the public leads to a greenhouse gas emission reduction target being set for the city. Climate change mitigation and adaptation action plans are adopted that are focused on measurable improvements. The climate change mitigation action plan focuses on targeting opportunities to reduce greenhouse gas emissions from the sectors with the highest emissions profile in the Christchurch Community Carbon Footprint report.

RISKS:

- Council can measure, manage and reduce its greenhouse gas emissions for Council's activities. To significantly reduce Council's emissions will require capital investment. Funding decisions will impact on Council's ability to reduce its emissions.
- Council can advocate and work with Government, businesses and the public to encourage the reduction of greenhouse gas emissions in Christchurch, however this will rely on a city-wide approach to achieve the full benefits of reducing the city's Community Carbon Footprint.
- A net carbon neutral target for the city will involve off-setting in the future. The cost and ability to off-set the city's emissions in the future is unknown.

KEY MILESTONES THIS YEAR 2019

- Work with internal and external stakeholders to agree an updated climate change strategy and then a mitigation and an adaptation plan for our district with external strategy engagement due to start in late April 2019.
- Increase understanding and engagement regarding climate change within our Council with relevant educational content that can be shared in different contexts including larger forums and more specific team or project meetings.
- Increased internal focus on embedding climate change thinking into the next Long Term Plan, initially through direct involvement in the asset management plan updates.
- Roll-out of the battery electric vehicle outreach programme for businesses and the public (Take Charge Christchurch) - launch in April 2019.
- Three battery electric buses will be operating on the Airport to the CBD Bus Interchange route in June 2019.
- The internal Council Resource Efficiency and Greenhouse Gas Emission Programme (REGGE) will remain a high priority, supporting the Council's target to be net carbon neutral by 2030 for its activities
- The REGGE Dashboard will be completed by May 2019
- The Council's Eco-Design Advisor has assisted 1500 people so far this year with advice on healthy and efficient homes
- The 3 Waters Unit received \$95,000 of Central Government funding (1 billion trees programme) to plant 40,000 trees in Cranford Basin – the trees are to be donated by Trees For Canterbury
- The Council's Innovation and Sustainability Fund has supported 22 sustainability focused community projects this year including Project LiteFoot – that helps sports clubs reduce their carbon footprint.
- Re-development of some aspects of the Future Living Skills content and the creation of a set of materials that can be used to support courses

THE 2 KEY INDICATORS WE ARE TRACKING: Christchurch community carbon footprint

During the 2016/2017 June financial year, Christchurch emitted an estimated 2,485,335 tonnes of carbon dioxide equivalent (t CO<sub>2</sub>e) excluding forestry sequestration, this equates to 6.6 t CO<sub>2</sub>e per person. Forestry in Christchurch resulted in sequestration (carbon capture) of an estimated 362,679 t CO<sub>2</sub>e which reduces Christchurch's gross GHG emissions to 2,122,656 t CO<sub>2</sub>e. Transportation represents 53.1 per cent of these emissions, followed by stationary energy (22.7 per cent), Agriculture (10.5 per cent), Waste (9 per cent) and Industry (4.7 per cent).



Christchurch City Greenhouse gas emissions – information will be included once certified.

