

Reviewed Climate Emergency Response Plan (CERP)

Each pillar and the actions within it are set out with identified changes in red text and highlighted.

Text Changes to Original Document

Page	Change
9	<p>Additional sentence following first sentence:</p> <p>“The actions in this Plan are updated every two years.”</p>
11	<p>“The actions that sit under these Pillars are reviewed by Council every two years.”</p>
26	<p>Updating the CERP in 2023</p> <p>The CERP sets out a review process on actions to be conducted every two years, with a major review of the Plan after five years.</p> <p>This updated version of the Queenscliffe Climate Emergency Response Plan (CERP) is the result of consultation in 2023 carried out with Queenscliffe Climate Action Now (QCAN), the CERP Community Panel, and CERP community leaders representing relevant organisations committed to taking action within the borough.</p> <p>The updates reflect actions delivered from the original CERP, as well as changes in State and Federal politics pertaining to climate action.</p> <p>The process reviewed all eight pillars forty-nine actions in the CERP. Four review workshops looked at how the context in which the CERP is implemented has changed since its development and adoption in May 2021. Each workshop explored the eight pillars’ actions in detail to make suggested improvements. These changes were then reviewed by Councillors. Council's changes are reflected in the text of this document.</p>
38	<p>New section at top of page, titled: Australia’s Climate Emergency Response</p> <p>Queenscliffe’s action on climate change takes place within the context of a broader response at state and Federal levels of government.</p> <p>In 2022, the Federal Government passed the Climate Change Bill, which legislates the Commonwealth’s commitment to reduce emissions. The Bill set targets of a 43%</p>

	<p>reduction in greenhouse gas emissions below 2005 levels by 2030 and net zero by 2050.</p> <p>The Victorian Government increased its emissions reduction ambition in 2022, setting new targets of 75 to 80% reduction by 2035 and net zero by 2045. This is accompanied by a target of 95% of energy generation coming from renewables by 2035.</p>
38	<p>Examples of CERP Community Actions</p> <p>Point Lonsdale Bowls Club undertook an energy audit and installed a 25 kW solar system on its large roof space, proving a model for other sporting clubs. Barwon Community Health has also undertaken an energy audit on its facilities and identified improvements, and Cottage by the Sea has installed solar panels, an EV charging station and switched from gas to electricity for its hot water heating.</p>
39	<p>CERP Completed Actions</p> <p>Since the adoption of the original CERP in May 2021, the community, Queenscliffe Climate Action Now (QCAN) and the Borough of Queenscliffe (BOQ) have been busy getting on and delivering actions.</p> <p>Work so far has included:</p> <ul style="list-style-type: none"> • Working with the Barwon South West Community Power Hub to secure funding for a community battery feasibility study. • Installing a 25 kW solar system on the Point Lonsdale Bowls Club, which provides a model for other sporting clubs and buildings with large roof spaces to install solar. • Partnering with Geelong Sustainability to deliver a solar bulk buy, resulting in the highest per capita take up of solar in the region. • Community Solar Program commenced in 2023 delivered by QCAN. • Establishing Junior QCAN, a program for local primary school aged children to take action on climate change. • Council has provided support for Songtimes & Wadawurrung Cultural Awareness training for staff and the community. • Council has waived fees with planning applications for households seeking to install rooftop solar.

	<ul style="list-style-type: none"> • BOQ now sources its electricity from renewable sources through its participation in the Victorian Energy Collaboration (PPA), along with fifty-one other councils. • BOQ has installed two 50 kW charging stations for electric vehicles. • Energy audit and program of works (Heating and cooling upgrade, Battery and Solar) for Queenscliffe Neighbourhood House. • Council's Active Transport Strategy has been drafted for consideration of the community and future adoption by Council. • The Borough of Queenscliffe's Reflect Reconciliation Action Plan is underway. • A new Food and Organics (FOGO) waste collection was introduced in August 2022. • Council commenced the transition to a Zero emissions fleet. • BOQ has employed a Vegetation and Foreshore Officer to assist in delivering on CERP Environmental Regeneration Pillar actions focusing on vegetation management.
43	<p>2018/19 figures from Snapshot to remain.</p> <p>Made some changes to the text in red in the PDF:</p> <p>The 2018-2019 Council emissions profile was used instead of the 2020-2021 emissions profile because 2020-2021 emissions were significantly lower with the closure of Council facilities due to Covid19 and as a result these emissions are not representative of Councils normal operations.</p>
Pillar 1.	Wadawurrung Country, Cultural Heritage and Values
48	<p>Action 2: Cultural Heritage Awareness</p> <p>Council to arrange for cultural heritage and cultural safety training with Wadawurrung Traditional Owners for all councillors and staff.</p> <p>Community to work with Council and Traditional Owners to promote and coordinate Wadawurrung on-country cultural heritage sessions for community members and visitors.</p>

Pillar 2.	Renewable Energy
50	<p>Action 1: Council Supports Community Transition to Renewable Energy</p> <p>Council commits to setting Borough level renewable energy or emission reductionX targets to support the community to transition the Borough to a 100% renewable energy supply sufficient to meet the needs of the Borough community, by 2027 and phase out of gas. Includes the development of process targets for uptake of renewable energy as well as reduction in dependence on gas and a shift to all-electric buildings by households and businesses.</p> <p>Action 2: Development of Renewable Energy Process Targets (new suggested action)</p> <p>50 Develop process targets and record progress for the:</p> <ul style="list-style-type: none"> • uptake of renewable energy by households, businesses, and organisations • reduced dependence on gas through a shift to all-electric buildings by households, businesses, and organisations. <p>Impact: Residents, Business</p> <p>Lead: Community</p> <p>Timeframe: Short</p> <p>Costs: TBD</p>
51	<p>Action 3: Renewable Energy and Energy Efficiency Taskforce</p> <p>Council supports the development of a taskforce to monitor emerging technologies, research, promote and support programs across residential and commercial energy and efficiency projects. The taskforce will manage a community-led volunteer effort to educate and support the community in transition and behaviour change.</p> <p><i>(Second part of action moved to Pillar 5, Action 4).</i></p>

51	<p>Action 4: Rooftop Solar Rollout Plan</p> <p>Develop plan to Through a range of initiatives maximise the use of all available rooftop space in Queenscliff and Point Lonsdale for solar PV. Set progressive targets to achieve a coverage rate of viable rooftop capacity of 75% for residential and 90% for commercial/ community buildings by 2025.</p> <p>(Change lead responsibility icon to Community with Council to support)</p>
51	<p>Action 5: Renewable Energy Production from Council Buildings</p> <p>Ensure Council maximises opportunities for local renewable energy production in respect of its operations by installing solar PV and battery storage on all Council owned and managed buildings to potentially provide power for community.</p> <p>Timeframe: Short</p>
52	<p>Action 6: Facilitate Planning Applications for Solar</p> <p>Waive planning application fees for solar installations on residential buildings.</p> <p>Action 7: Solar, Battery and Heat Pump Bulk Buy Program</p> <p>Council to facilitate a Solar PV, Battery and Heat Pump Bulk Buy Program for both residential and commercial/community buildings. The program should include heat pump and solar hot water options. Consider collaboration with community groups in neighbouring shires.</p> <p>Council to support the community to deliver annual solar, battery and heat-pump hot water bulk buy/electrification programs for both residential and commercial/community buildings. These programs may be delivered in collaboration with community groups in neighbouring shires.</p> <p>(Change lead responsibility icon to Community with Council to support)</p>

52	<p>Action 8: Powercor Working Group and Pole Mounted Community Battery Trial (Moved)</p> <p>Establish local working group involving Council and community reps to liaise with Powercor to address grid connection and management issues related to solar PV and community battery opportunities. And partner with Powercor to trial the deployment of street level, on pole battery storage.</p> <p><i>(Split into two actions. Delete Pole Mounted... and becomes action below Action 9).</i></p>
53	<p>Action 9: Neighbourhood Battery Trial</p> <p>Partner with Powercor to trial the deployment of street level, on pole battery storage Partner with Powercor to trial the deployment of various neighbourhood or street level battery storage solutions including pole mounted batteries.</p> <p>Action 8: Support Community Procurement of Renewable Energy Coordinate and support the purchase of renewable energy by businesses and residents through retail partnerships and an independent review of retail options. (Moved to Mobilisation...Pillar 5)</p> <p>Action 10: Council Procurement of Renewable Energy</p>
53	<p>Ensure Council purchases 100% renewable electricity, generated by wind locally in Victoria, for all Council buildings, facilities and operations through a power purchase agreement. Transition existing gas connections to electricity (or an alternative renewable energy source) wherever possible by 2025.</p> <p>In Supporting change 46 Councils to 51</p>
54	<p>Action 11: Local Solar Farm, Community Battery, Microgrid Feasibility Study and Investment in Clean Energy</p> <p>Through a feasibility study, Canvas community interest to invest in a solar farm and/or community battery facility and/or micro grid project for areas of high solar and battery penetration. These projects would require state government funding support. In</p>

54	<p>addition, find community investment options in solar and/or wind farms in neighbouring shires.</p> <p>Action 12: Virtual Power Plant Rollout</p> <p>Explore pilot program opportunities for Virtual Power Plant establishment in the Borough in conjunction with neighbouring shires or national schemes.</p>
Pillar 3.	Sustainable Buildings
55	<p>Action 1: Energy Efficiency Audit and Education Program</p> <p>To improve energy efficiency and reduce energy use, Council will seek grant funding for a Residential Energy Efficiency Audit Program using the Victorian Energy Efficiency Scorecard or NatHERS energy efficiency rating system. The program would offer free subsidised audits and expert energy advice to all ratepayers, including local businesses.</p>
56	<p>Action 3: Energy Efficiency Rating Scheme</p> <p>Community to lead an effort to highlight the advantages of an energy efficiency rating (EER) score in partnership with local real estate agents and to encourage the publication of energy efficiency ratings for residential buildings at point of sale and point of rent. And advocate to the State Government for sustainable building changes.</p> <p>Action 4: Building Waste (New suggested Action)</p> <p>Council to collaborate with Sustainability Victoria and Recycling Victoria to encourage local builders to reduce waste produced during construction.</p> <p>Impact: Business</p> <p>Lead: Council</p> <p>Timeframe: Medium</p> <p>Costs: TBD</p>

Pillar 4.	Sustainable Transport
57	<p>Action 1: Active Transport Strategy</p> <p>Develop and implement an Active Transport Strategy to facilitate uptake of sustainable modes of transport, particularly walking, cycling and public transport, and the long-term reduction of private car use.</p>
58	<p>Action 3: Eliminate Council’s Transport Emissions</p> <p>Convert Council’s fleet to zero emissions vehicles and advocate for waste contractors to offset emissions from their operations.</p>
58	<p>Action 4: Electric Vehicle Infrastructure</p> <p>Council to lead the installation and promotion of public electric vehicle (including e-bikes and scooters) charging stations, powered by renewables.</p>
58	<p>Action 5: Electric Vehicle Community Transport</p> <p>Enhance public transport in the Borough based on small capacity electric vehicles that cover most streets in the Borough with destinations based on commonly visited sites. e.g. shops, medical centre, beach, between Queenscliff and Point Lonsdale.</p>
Pillar 5.	Mobilisation, Education and Collaboration
60	<p>Action 3: Community Mobilisation CERP Advocacy Strategy</p> <p>Council commits to working with community to develop and implement a CERP Advocacy Strategy to advocate to all levels of government to achieve zero net emissions by 2031 or earlier, specifically advocating across all eight pillars of the CERP, with a focus on Pillars 2, 3, 4, 5, 6 and 7.</p>

<p>60</p> <p>61</p>	<p>Action 4: Climate Emergency Response Plan Ambassadors Community Leaders Strategy</p> <p>Council to support the community to develop a best-practice Climate Emergency Response Plan Ambassadors Leaders Strategy to encourage community participation and leadership across the eight pillars of the CERP.</p> <p>Action 6: Support Community Procurement of Renewable Energy</p> <p><i>(Moved from Pillar 2. Renewable Energy. Action 8.)</i></p> <p>The Renewable Energy and Energy Efficiency Taskforce will develop and implement a community-led volunteer strategy to educate and support the community in the transition to a greater use of renewable energy and lower energy consumption.</p> <p>Includes the coordination and support of the purchase of renewable energy by businesses and residents through retail partnerships and an independent review of retail options.</p>
<p>Pillar 6.</p>	<p>Adaptation and Resilience</p>
<p>63</p> <p>63</p>	<p>Action 3: Monitoring, Evaluation and Reporting Framework</p> <p>Council to work in partnership with the community to develop a Monitoring, Evaluation and Reporting Framework to set baselines measurements to measure the reduction in greenhouse gas emissions and assess the ongoing performance of the Plan. Reporting progress to the community via a simple scorecard will be crucial to the Plan’s success.</p> <p>Action 5: Divestment Strategy</p> <p>Council to divest (including banking, superannuation and investments) from institutions that operate or invest in fossil fuel companies and, in partnership with other councils, advocate for increased divestment.</p>

64	<p>Action 6: Bushfire Mitigation Strategy</p> <p>Council to ensure its Municipal Emergency Management Plan 2019-2021 encompasses mitigation and adaptation strategies for preparing residents for the event of bushfire, in addition to the management of Council land. Strategy to work in partnership with the Wadawurrung.</p> <p>Action 8: Coastal Inundation and Sea Level Rise: Advocacy</p> <p>Council is already involved in a number of coastal strategy initiatives including the Victorian Coastal Management Strategy working group. Council to lead, with community support, an advocacy plan and strategy at a State and Federal level to ensure the Borough has a voice in broader coastal strategy development.</p> <p>Council has also recently partnered with City of Greater Geelong (CoGG) to deliver the Geelong Queenscliffe – Coastal Inundation and Catchment Flooding Adaptation Emergency Response Planning project (funded by Regional Partnerships). This project uses tools developed by CSIRO to model the effectiveness of engineering interventions and identifies assets at risk along known coastal “hotspots”.</p>
65	<p>Action 9: Erosion Strategy</p> <p>Council is participating in a DELWP DEECA project investigating impacts of erosion in the Borough. Council and the community will continue to advocate for State support of erosion hazard mapping for the Borough and to work with DELWP DEECA to fund engineering assessments of potential solutions.</p> <p>Action 10: Food Security</p> <p>Council conducts a review of local laws to overcome barriers to the development of The community establishes edible community gardens, with Council to provide support for the community’s local food production. Council to encourage possible formalisation of community swap and share of produce.</p> <p>(Change Timeframe to medium term action)</p>

66	<p>Action 12. Integrated Water Management (IWM) (New Suggested Action).</p> <p>Adaption, Influence * <i>Action underway and in planning</i></p> <p>Council is developing an IWM Plan in line with the Barwon Water IWM Forum’s Strategic Directions Statement. This collaborative and integrated approach to water management will enable a sustainable water future for the Queenscliffe region.</p> <p>Impacts: Council, residents, business</p> <p>Lead: Council</p> <p>Timeframe: Short</p> <p>Costs: TBD</p>
Pillar 7.	Consumption and Waste
67	<p>Action 1: Introduce Four Bin Waste and Recycling Collection System</p> <p>Council will introduce in consultation with the community, the State legislated four bin system to expand existing waste and recycling collection in the Borough (general waste, food and garden organics, co-mingled recycling, glass recycling) with a 100% recycling target for 2031. <i>To be accompanied by communications to restore confidence in recycling and advocacy to Victorian Government to ensure viability of recycling system.</i></p>
68	<p>Action 2: Eliminate Single Use Plastic</p> <p>Council to work <i>with and learn from other councils to develop a community partnership with the community</i> to eliminate single use plastics in the Borough <i>through the development of a Plastic Wise Program and Plastic Wise Events and Markets Policy,</i> with the ultimate aim of phasing out single use plastics in the community and across all Council operations, facilities and events.</p>

69	<p>Action 6: Business Recycling (New Suggested Action).</p> <p>Council to investigate opportunities to support a collaboration among businesses to increase recycling rates and reduce waste production with guidance from Sustainability Victoria.</p> <p>Impact: Business</p> <p>Lead: Council</p> <p>Timeframe: Medium</p> <p>Costs: TBD</p>
Pillar 8.	Environmental Regeneration
70	<p>Action 1: Canopy Coverage</p> <p>In consultation with qualified horticulturists and Swan Bay Environment Association, Council will work to ensure the best use of local indigenous plants to assist in creating the desired canopy coverage along major walking tracks (and other suitable places) to support the Integrated Active Transport Strategy, and to create cooler microclimates using direction provided from Council’s Urban Forest Action Plan.</p>
70	<p>Action 2: Carbon Drawdown</p> <p>Council to partner with Deakin’s Blue Carbon Lab and the Swan Bay Environment Association to ensure the current effect of sea grass carbon drawdown in Swan Bay is protected; assess the Borough’s coastlines for seaweed farming and ecosystem resilience; and to partner with Geelong Council to use developments such as The Point and Lakers Siding for tree planting drawdown sites.</p>

71	<p>Action 3: Weed Control and Revegetation</p> <p>Expand existing weed management program to incorporate integrated weed management methods. Work with landowners to remove and manage environmental and noxious weeds and plant indigenous plants (in keeping with vegetation types biodiversity and habitat requirements). Work with residents to promote the value of indigenous gardens. Work with local conservation groups such as the Borough Coast Carers, Swan Bay Environment Association and Bellarine Catchment Network to expand their work on weed removal and revegetation with indigenous plants in coastal reserves.</p>
73	<p>Second paragraph. Change to:</p> <p>“The Action Plan is reviewed by Council....”</p>