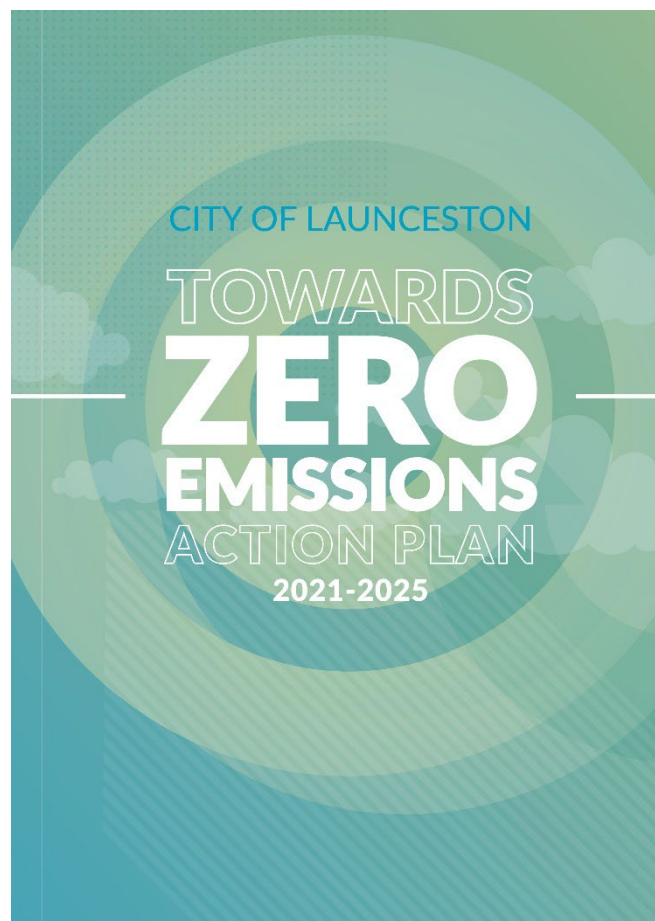


City of Launceston
**Towards Zero Emissions
Action Plan
2022/23 Progress Report
Completed July 2023**



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1. Introduction

In 2021, the City of Launceston released the *Towards Zero Emissions Action Plan* in response to Council's formal acknowledgement of a global climate emergency. The plan aims to achieve carbon neutrality for all operations and source 100% renewable energy for all Council owned buildings by 2025. The Towards Zero Emissions Action Plan sets out how the City of Launceston will achieve our targets by 2025 while playing our role to help meet the Paris Agreement 2015 objective to avoid a global average temperature rise of 2°C by 2050 and to pursue efforts to limit rising to 1.5°C above pre-industrial levels.

The City of Launceston Sustainability Team is responsible for coordinating the implementation of the Towards Zero Emissions Action Plan and reporting on progress. The Sustainability Team implements the Action Plan in collaboration with all internal teams at the City of Launceston, as well as relevant industry, business and community groups.

Each year, the City of Launceston will report on the progress towards the implementation of the Towards Zero Emissions Action Plan. This Progress Report presents the progress made from July 2021 to June 2023 and applies an action tracking framework for measuring results.

2. Summary of Progress

Progress of Actions

The Towards Zero Emissions Action Plan has 42 agreed actions across six key areas. The purpose of the Progress Report is to show progress against each of the actions contained in the Towards Zero Emissions Action Plan. The status of each action is shown as: In progress, Achieved, Ongoing, Behind and Discontinued.



Not yet commenced



In progress



Behind



Achieved



Ongoing



Discontinued

Since the launch of the Towards Zero Emissions Action Plan, seven actions have been achieved (including four ongoing) and all other actions are in progress or not yet commenced (as per planned timeframes). Two actions have been discontinued (Action 1.4 and 4.7).

As reported last year, the actions to be discontinued are due to the following reasons: could consider starting with what has been achieved and place discontinued actions at the end - start positive

- Action 1.4 *Register and report to the Clean Energy Regulator in line with the NGER Scheme - Report to CER for each FY* - A client account was set up with the CER, however, CER advised Council not to report under the NGER Scheme due to Council not being a registered constitutional corporation
- Action 4.7 *Develop a policy to offset air travel emissions* - Recommended best practice is to offset all of Council's emissions from one source e.g. when purchasing carbon offsets for our overall annual footprint. Airline offsets are thought to be unverified. Also, setting up one data point for offsets is much more efficient and enables less room for error, and enables Council to choose which offsets we purchase, rather than relying on the airlines' default option

The Towards Zero Emissions Action Plan has an additional 19 suggested actions under the Community Emissions key area that will be refined following consultation with the community (planned to commence late 2023). These actions do not have timeframes or performance indicators developed to date.

Emissions Reduction Progress

Based on the results of the 2022/23 draft carbon footprint (awaiting sign off from third party verifiers), the City of Launceston's overall emissions have increased by 23% to that of the previous year largely due to the increase in landfill gas associated emissions (the landfill represents 96% of Council's emissions). The landfill gas capture capacity was operating at approximately 50% throughout the year due to a delay in installing landfill gas capture infrastructure at the most recent commissioned landfill cell (infrastructure has now been installed and results will be captured in the next reporting period - refer to Action 2.1).

If excluding landfill emissions, a net decrease was reported against the baseline year (2018/19) of approximately 1,753 tCO₂e (-27%) and a net decrease from the previous year of approximately 478 tCO₂e (-9%).

At an emission source level, the most notable emissions reduction was fossil fuel gas with a reported reduction of 2,688 tCO₂e or 92% of the baseline and 607 tCO₂e or 72% of the previous year. This reduction directly correlates to transitioning the Launceston Aquatic Centre off fossil fuel gas to electric heat pumps and rooftop solar (refer to Action 3.1). While fossil fuel gas emissions decreased, an increase in demand for electricity at the Launceston Aquatic Centre resulted in Scope 2 emissions increasing from both baseline and the previous reporting year.

An emissions increase was reported for employee travel across all sources e.g. fleet, air and taxi travel. This is due to the increase in fleet size, and the increase in travel opportunities following the relaxation of COVID travel restrictions. The development of Council's Sustainable Fleet Guide (Action 4.3) and the fuel efficiency and electrification of Council's light vehicle fleet (Action 4.1) will likely see a reduction in fleet emissions from the next reporting year.

While reported as an increase, compost related emissions are ultimately abating landfill related emissions. The diversion of organic waste from landfill and the processing into compost avoids methane production. For every one tonne of organic waste sent to landfill, an equivalent two tonnes of CO₂e is emitted.

Several actions have a direct correlation to increasing organic waste diversion and increasing composting volumes, and all excluding one action (Action 2.3) are currently in progress. Therefore, an increase in composting related emissions is expected annually as the diversion of organic waste from the landfill increases. Actions related to organic waste diversion are as follows:

- *2.2 Promote commercial FOGO services for organisations generating large volumes of organic waste e.g. supermarkets, restaurants, hospitals, hotels, retirement homes, schools, Launceston airport*
- *2.3 Continue to expand kerbside FOGO collection services to cover entire Local Government Authority boundary (achieved)*
- *2.4 Advocate and assist other Councils utilising the Launceston landfill to implement a kerbside FOGO collection service*
- *2.5 Invest in expanding the composting facility to cater for increases in materials*
- *2.6 Upgrade Council's main buildings to include best practice waste collection systems, including FOGO. Action*

Progress on Meeting Targets

Following the Council's declaration of a global climate emergency in 2020, the City of Launceston committed to achieving carbon neutrality for all operations by 2025 and sourcing 100% renewable energy for all Council owned buildings by 2025. Additionally, as a member of the Cities Power Partnership (CPP), the City of Launceston adopted five pledges. The progress on each target and pledge is outlined below:

Target / Pledge	Achieved to date	Future plans
Achieve 100% carbon neutrality by 2025	<p>Due to the increasing emissions associated with the landfill, the City of Launceston will not achieve carbon neutrality by 2025 through emission abatement actions alone.</p> <p>A carbon offset options report has been completed and discussions are underway on the appropriate next steps.</p>	A decision will be made in 2024 on whether to proceed with the purchase of carbon offsets
Power all Council owned buildings by 100% renewable energy sources by 2025	<p>Council has made significant achievements in transitioning away from fossil fuelled gas and powering buildings with renewable energy sources (currently consisting of solar and hydro powered grid).</p> <p>Two buildings are powered by fossil fuelled gas - QVMAG Royal Park and Carr Villa Crematorium.</p>	Scoping and feasibility studies are being completed for buildings powered by fossil fuelled gas
Power Council operations by renewable energy, and set targets to increase the level of renewable power for Council operations over time	<p>Powering Council owned buildings with 100% renewable energy by 2025 is the target committed to for buildings (see above for progress)</p> <p>The following fleet targets have been set:</p> <ul style="list-style-type: none"> • Target 1 - 10% of new vehicles purchased for Council's light vehicle fleet has a fuel consumption rate of less than 6L/100km and a maximum tailpipe emission standard of 130g CO₂/km by 2025 (based on the manufacturer's standard) • Target 2 - ZEVs comprise 50% of light passenger vehicle fleet by 2030 • Target 3 - ZEVs comprise 100% of light (passenger and commercial) vehicle fleet by 2040 • Target 4 - ZEVs comprise 50% of heavy vehicles & plant by 2040 	If the above target to power all Council owned buildings by 100% renewable energy sources by 2025 is unachievable, new targets will be set.
Encourage sustainable transport use such as public transport, walking and cycling	In line with the Launceston Transport Strategy, Council is supporting the roll out of sustainable and active transport infrastructure	Council will continue supporting the roll out of sustainable and active transport infrastructure

through Council transport planning and design		
Support cycling through provision of adequate cycle lanes, bike parking and end-of-ride facilities	<p>In line with the Launceston Transport Strategy, Council is supporting the roll out of sustainable and active transport infrastructure.</p> <p>Council constructed an end of trip facility for staff which opened in 2023.</p>	Council will continue supporting the roll out of sustainable and active transport infrastructure
Lobby state and federal governments to increase sustainable transport options	<p>Lobbying completed for change in legislation to support e-scooters with roll out completed in 2022. Lobbying and support provided to State Government for the trial of ZEV bus fleet.</p> <p>The State government will offer e-mobility monetary rebate in late 2023 (e.g. e-scooters, e-bikes, EV etc.).</p>	Council will continue to lobby governments to increase sustainable transport options
Achieve 100% divestment from fossil fuel-aligned investments at the earliest possible date	Council has no direct investment in fossil fuel investments.	Council will investigate indirect investments through banking and super funds

3. Action Tracker

1. Leadership, Transparency and Tracking




This key area aims to achieve the following objectives:

- Monitor and track Council’s emissions profile and progress in reducing emissions
- Build state wide capacity for local government climate mitigation actions
- Embed climate action in all decision making
- Determine the effectiveness of emission reduction actions and identify opportunities for improvement.

The Sustainable Development Goals that this key area contributes to include:



Action	Timeframe	Cost	Commentary (2023)	Status
1.1 Calculate Council's annual emissions from operations from each financial year	Short term / ongoing	\$	2020FY,2021FY and 2022FY completed and independently verified by GHD, including summary report complete. 2023FY reporting in progress	Achieved / Ongoing
1.2 Improve data capture and quality across all emissions scopes	Short term / ongoing	\$	No additional emission sources added to annual reporting in 2023FY however the accuracy of the staff travel to and from work has improved	Achieved / Ongoing
1.3 Develop and implement a climate action program to support staff to undertake climate action as part of their own role	Moderate term	\$\$	Internal working group formed to develop a training package to address environmental risk and sustainability. The package includes education and information on climate action. Implementation is due to commence in early 2024	In progress
1.4 Register and report to the Clean Energy Regulator in line with the NGER Scheme - Report to CER for each FY	Short term / ongoing	\$	A client account was set up, however, CER advised that Council not to report under the NGER Scheme. This action has therefore been discontinued	Discontinued

<p>1.5a Develop a framework to track emission reduction actions and provide publicly-available updates on the progress of actions - develop framework</p>	<p>Short term / ongoing</p>	<p>\$</p>	<p>Framework developed in 2021</p>	 Achieved
<p>1.5b Develop a framework to track emission reduction actions and provide publicly-available updates on the progress of actions - report on progress</p>	<p>Short term / ongoing</p>	<p>\$</p>	<p>Progress tracking for actions to take place quarterly and reported annually in September. 2022FY completed and 2023FY in progress (this report)</p>	  Achieved / Ongoing

2. Waste Avoidance and Recovery

This key area aims to achieve the following objectives:







- Avoid and reduce waste sent to landfill
- Improve capacity and efficiencies in landfill gas capture
- Improve data capture and management to identify waste and emission reduction opportunities and track progress
- Identify and support further actions that reduce emissions.
- Transition out of landfilling by 2050.

The Sustainable Development Goals that this key area contributes to include:

Sustainable Development Goals



Action	Timeframe	Cost	Commentary (2022)	Status
2.1 Coordinate the increase gas capture capacity and efficiencies in the existing landfill gas extraction system	Short term / ongoing	\$	Infrastructure works to increase gas capture capacity on the landfill new cell are near completion with works expected to be completed in Q3 (year?)	In progress
2.2 Promote commercial FOGO services for organisations generating large volumes of organic waste e.g. supermarkets, restaurants, hospitals, hotels, retirement homes, schools, Launceston airport	Short to moderate term / ongoing	\$	Several commercial companies on-boarded including LGH, Harvest Markets, Lenah game meats schools, age care facilities and local events.	In progress
2.3 Continue to expand kerbside FOGO collection services to cover entire Local Government Authority boundary	Long term	\$\$	All of municipality made eligible for voluntary kerbside FOGO from July 1 2022	Achieved
2.4 Advocate and assist other Councils utilising the Launceston landfill to implement a kerbside FOGO collection service	Moderate to long term / ongoing	\$	Meander Valley Council and Northern Midlands Council implemented a kerbside FOGO collection service in 2023FY. Dorset, Georgetown and Break 'O Day Councils are yet to offer the service	In progress

2.5 Invest in expanding the composting facility to cater for increases in materials	Moderate term	\$\$\$\$	FOGO receiving area upgraded OPF and a compost trommel in 2022FY. Engaged external contractor to increase efficiency and staff training - engagement ongoing	 In progress
2.6 Upgrade Council's main buildings to include best practice waste collection systems, including FOGO	Long term	\$\$\$	Best practice waste collection is set to be rolled out at Town Hall in September 2023. Following its success, all main buildings will be upgraded to the same system	 In progress
2.7 Promote waste avoidance and resource efficiencies to employees through internal education and awareness programs	Short to moderate term / ongoing	\$	Education and awareness to commence prior to the roll out of best practice waste collection at each site. Further education will be delivered as part of Council's Environmental and Sustainability Training Package	 In progress
2.8 Establish a construction and demolition recovery facility	Long term	\$\$\$\$	Contractor engaged to undertake and finalise a C&D waste audit and feasibility report by the end of 2024FY	 In progress
2.9 Investigate opportunities to utilise low embodied emission materials for Council construction works, including the construction of assets, asset upgrades and maintenance works	Short term / ongoing	\$ - \$\$	Council is investigating the procurement of road surfacing products that incorporate otherwise landfill-bound materials (such as soft plastics, crumbed rubber, ground glass, road millings, reclaimed asphalt, and ink toners) and the reuse of existing road pavements. Council is continuing to explore LCA and embodied carbon calculation tools	 Achieved / Ongoing
2.10 Commence scoping a phasing out of landfill transition plan	Long term	\$\$	Due to commence January 2025	 Not yet commenced

3. Efficient Facilities



This key area aims to achieve the following objectives:






- Reduce energy and water consumption and increase efficiencies
- Maximise opportunities and switch to renewable energy sources, generation and storage
- Improve data capture and management to identify energy, water and emission reduction opportunities and track progress
- Apply ESD principles in planning, design, and fit outs
- Identify and support further actions that reduce emissions.


The Sustainable Development Goals and Cities Power Partnership pledge that this key area contributes to include:



15 Tasmanian Department of State Growth, 2021. renewabletasmania.tas.gov.au/our_renewable_energy_story/tasmanian_renewable_energy_action_plan

Action	Timeframe	Cost	Commentary (2022)	Status
3.1 Transition gas powered facilities to electrification	Long term / ongoing	\$\$\$\$\$	Launceston Leisure and Aquatic Centre (LAC) transitioned off gas to heat pumps and solar in 2022FY. UTAS stadium gas showers to be upgraded to electric; QVMAG gas boiler replacement to electric now has budget allocated for 2023/2024; working with stakeholders on the transition of Council's cremator off gas (no electric cremators currently exist in Australia)	 In progress
3.2 Undertake a desktop audit of Council's high energy and water consuming facilities to identify energy and water saving opportunities	Short term	\$	Desktop energy audit has commenced however a water audit is yet to commence	 In progress

<p>3.3 Adopt an energy management system (software) for monitoring and managing usage and consumption data that assists with regular emissions reporting</p>	<p>Short to moderate term</p>	<p>\$\$ - \$\$\$</p>	<p>Council is currently trialling an Energy Management Systems (EMS)</p>	 In progress
<p>3.4 Install a building management system (BMS) at Council's high energy consuming facilities</p>	<p>Moderate to long term</p>	<p>\$\$\$</p>	<p>BMS installed at LAC; QVMAG x 2; Town Hall & Annex; Princess Theatre; UTAS; and Macquarie House. QVMAG Royal Park and UTAS due to be upgraded in 2024FY</p>	 In progress
<p>3.5 Continue upgrading Council facilities to increase energy efficiencies e.g. efficient HVAC systems, adequate insulation and ventilation, window glazing, high efficiency LED lighting and de-lamping etc.</p>	<p>Moderate to long term / ongoing</p>	<p>\$\$</p>	<p>HVAC assessment in progress at Town Hall and completed at Launceston Aquatic Centre. Installation of smart meters at QVMAG and Town Hall in progress. QVMAG and UTAS stadium BMS to be upgraded</p>	 In progress
<p>3.6 Transition building, plant and equipment to electrification and renewable power where feasible, while investigating further opportunities for savings</p>	<p>Long term / ongoing</p>	<p>\$\$\$\$</p>	<p>Solar installed at QVMAG Royal Park, Town Hall/ Annexe and Princess Theatre in June 2022</p>	 In progress
<p>3.7 Develop and implement an Environmental Sustainable Buildings Policy for Council owned buildings e.g. all buildings built to a minimum rating system (Green Star, NABERS etc.), minimum renewable energy requirements, adequate building and window orientation, adequate insulation and ventilation, energy efficient lighting and appliances, rain capture systems, water efficient fittings, minimum recycled material content, maximum car park spaces, minimum greenspace allocation, vegetation increase/retainment etc.</p>	<p>Moderate to long term</p>	<p>\$\$-\$</p>	<p>Discussions underway on the scope of the potential Policy</p>	 In progress














<p>3.8 Conduct Council employee and lease holder training and behaviour change programs to ensure facilities and equipment are operated efficiently</p>	<p>Short to moderate term</p>	<p>\$</p>	<p>To commence in late 2023 as part of the environmental risk and sustainability internal working group</p>		<p>Not yet commenced</p>
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4. Zero Emissions Transport and Plant

This key area aims to achieve the following objectives:

- Avoid and reduce the use of fossil fuel transport and plant
- Maximise opportunities and switch to low to zero emissions fleet and plant
- Improve data capture and management to identify fuel and emission reduction opportunities and track progress
- Identify and support further actions that reduce emissions.

The Sustainable Development Goals and Cities Power Partnership pledge that this key area contributes to include:

Sustainable Development Goals				Cities Power Partnership					
									
Action	Timeframe	Cost	Commentary (2022)		Status				
4.1 Continue fuel efficiency and electrification adoption of Council's light vehicle fleet	Short term / ongoing	\$\$\$\$	50% of Council fleet vehicles meet the new vehicle fuel efficiency target of 6L/100km and a maximum tailpipe emission standard of 130g CO _{2e} /km. Our target is 100% by 2025. Opportunities for EV fleet transition are being pursued, including grant opportunities.		 In progress				
4.2 Progressively replace end of life petrol and diesel fuelled plant and equipment with electric and battery operated options, where available and when suitable for the task required	Long term / ongoing	\$\$\$\$	Various diesel powered equipment has been replaced with electric alternatives. Further applications are continuously being investigated.		 In progress				
4.3 Develop and implement a sustainable fleet guideline, including a fuel consumption rate of 6L/100km and a maximum tailpipe emission standard of 130g CO ₂ /km for all new light vehicles	Moderate term	\$\$\$\$	Due to commence in August 2023		 Not yet commenced				

<p>4.4 Investigate and trial alternative transport options for work travel e.g. introduction of e-bikes and e-scooters to Council's fleet</p>	<p>Short to moderate term</p>	<p>\$-\$\$</p>	<p>Micromobility working committee established and initial work completed on developing policy for staff to use micromobility devices for work travel</p>	 In progress
<p>4.5 Investigate and roll out new technology in renewable energy operated plant and equipment, where feasible e.g. renewable hydrogen powered trucks, electric street sweepers</p>	<p>Moderate to long term / ongoing</p>	<p>\$-\$\$\$</p>	<p>Electric truck purchased in 2023FY</p>	 In progress
<p>4.6 Construct an end-of-trip facility for Council employees at Town Hall to encourage an increased uptake of active transport to and from work. Promote the facility to the public to encourage other organisations to follow suit</p>	<p>Short to moderate term</p>	<p>\$\$\$</p>	<p>Facility opened in March 2023</p>	 Achieved
<p>4.7 Develop a policy to offset air travel emissions</p>	<p>Short term</p>	<p>\$ - \$\$</p>	<p>Action discontinued. Recommended best practice is to offset all of Council's emissions at one source e.g. when purchasing carbon offsets. Airline offsets are thought to be unverified and untrustworthy. Also having one data point for offsets is much more efficient and less room for error</p>	 Discontinued
<p>4.8 Set long term and interim targets for the increase in renewable energy powered fleet and plant equipment</p>	<p>Moderate to long term</p>	<p>\$</p>	<p>Targets now set for 2025. Interim targets are awaiting more complete data in Q3 of 2023 however there is potential that no interim target will be set due to the lack of market ready and affordable technology being available</p>	 In progress

5. Sustainable Supply Chain

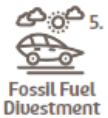
This key area aims to achieve the following objectives:



- Procure goods and services within a framework that considers emissions reductions targets
- Improve data capture and management to identify emission reduction opportunities and track progress
- Identify and support further actions for emissions reduction in Council’s supply chain.




The Sustainable Development Goals and Cities Power Partnership pledge that this key area contributes to include:



Cities Power Partnership



Action	Timeframe	Cost	Commentary (2022)	Status
5.1 Update Council's procurement policy and strategy to ensure goods and services purchased by Council meet criteria for environmental, social and governance responsibility	Short to moderate term	\$	An update to the Procurement Policy was not passed internally by Council. The potential of a future update is in discussion	 In progress
5.2 Undertake a snapshot audit of Council's supply chain to determine opportunities for emissions reductions and work with suppliers on developing and implementing emissions reduction actions	Moderate term	\$	Supplier list to target is in development. Council is exploring tools to undertake a scan of our supply chain using AI technology	 In progress

<p>5.3 Communicate with Council's supply chain on our goals to achieve carbon neutrality by 2025, include sustainable procurement awareness in Council's induction program for suppliers, and encourage transparency from suppliers on their emissions profile and the actions they are implementing to reduce emissions</p>	<p>Short term / ongoing</p>	<p>\$</p>	<p>Updated information on Council's sustainability targets and commitments has been included in tender information. Sustainability information has been developed for the contractor induction pack however not yet implemented</p>	 In progress
<p>5.4 Explore assigning sustainability weighting / evaluation criteria in tender evaluations to encourage the procurement of zero-low emissions goods and services</p>	<p>Short term</p>	<p>\$</p>	<p>Sustainability weighting has been included in several tenders since 2021 on a case-by-case basis. System for monitoring tender weightings yet to be established</p>	 In progress
<p>5.5 Continue the divestment from all direct fossil fuel aligned investments and further explore the divestment from indirect fossil fuel aligned activities e.g. banking and superannuation</p>	<p>Ongoing</p>	<p>\$ - \$\$</p>	<p>No direct investment in fossil fuel investments. Investigating Council's indirect investments through banking and super funds</p>	 In progress

6. Carbon Sequestration and Offsets



This key area aims to achieve the following objectives:




- Support the capture and storage of emissions
- Explore the capture and storage of emissions that provide co-benefits for the community and environment
- Improve data capture and management of carbon sequestration.

The Sustainable Development Goals and Cities Power Partnership pledge that this key area contributes to include:

Sustainable Development Goals



Action	Timeframe	Cost	Commentary (2022)	Status
6.1 Develop and implement an Urban Forestry Plan to retain and increase canopy cover across Council land	Moderate to long term	\$-\$\$	Stakeholder consultation complete and draft strategy and implementation plan due for completion at the end of 2023	 In progress
6.2 Assess vegetation management practices to optimise soil and plant health and carbon sequestration e.g. species selection and watering schedules adapted to future climate projections, the use of pesticides and fertilizers and the impact to soil and plant growth	Moderate term	\$	Due to commence in Q3 2023	 Not yet commenced

<p>6.3 Review all policy and strategy documentation relevant to flora to ensure the impacts of climate change have been considered in future planning and works e.g. species tolerant to increased temperatures, extended dry periods, and high intensity rainfall events, species with higher sequestration rates, species that provide greater shade</p>	<p>Moderate term</p>	<p>\$</p>	<p>Due to commence in Q3 2023</p>		<p>Not yet commenced</p>
<p>6.4 Investigate the technology available to assess Council's carbon sinks and sequestration capacity</p>	<p>Moderate term</p>	<p>\$\$</p>	<p>Investigations commenced for i-tree eco, ICT International or an inhouse built app</p>		<p>In progress</p>
<p>6.5 Investigate carbon offset options for Council to achieve carbon neutrality by 2025</p>	<p>Short term / ongoing</p>	<p>\$\$\$</p>	<p>Carbon offset options report complete and discussions underway on appropriate next steps.</p>		<p>In progress</p>

7. Community Emissions







This key area aims to achieve the following objectives:






- Build education and awareness of climate change impacts and mitigation at a local scale
- Support the community to reduce emissions
- Improve data capture and management to identify emission reduction opportunities and track progress.



The Sustainable Development Goals and Cities Power Partnership pledge that this key area contributes to include:



Action	Timeframe	Cost	Commentary (2022)	Status
7.1 Further develop the Towards Zero Emissions - Community Action Plan through further community and stakeholder engagement	Short to moderate term	-	Due to commence in late 2023	Not yet commenced
7.2 Complete an annual emissions audit for community emissions	Short term / ongoing	\$	2021FY complete and 2022FY audit in progress	Achieved / Ongoing
7.3 Set emission reduction targets for community emissions	Moderate term	-	Due to commence in 2024 following community consultation to develop action timeframes and details	Not yet commenced
7.4 Improve data capture and quality of community emissions	Short term / ongoing	\$	TasNetwork data has provided a significant increase in accuracy	In progress
7.5 Lobby State Government via the review of the Climate Change Act for a harmonised and standardised approach for Councils to develop a community emission inventory	Short to moderate term	\$	Participated in ReCFIT workshop and provided input into LGAT's submission	Achieved

<p>7.6 In partnership with key stakeholders, develop and promote communication tools to educate the community on climate change and climate mitigation actions that can be undertaken in homes and businesses to reduce emissions and improve the use of natural resources</p>	<p>Moderate term / ongoing</p>	<p>\$\$</p>	<p>Project completed in partnership with UTAS Climate Futures</p>		<p>Achieved</p>
<p>7.7 Promote any upcoming state and federal grant funding to the community to stimulate locally driven emissions reduction actions</p>	<p>Short term / ongoing</p>	<p>\$</p>	<p>Ongoing. Grants promoted at the two Sustainable Business Forum events</p>		<p>In progress</p>
<p>7.8 Promote commercial sector accomplishments in emissions reductions</p>	<p>Moderate to long term</p>	<p>\$</p>	<p>Businesses promoted at the 2021 Sustainable Living Festival, Sustainable Business Awards and 2022 Sustainable Business Forum events. Businesses will be promoted again at the 2024 Sustainable Living Festival</p>		<p>Achieved / Ongoing</p>
<p>7.9 Support schools and businesses in the delivery of emissions reduction initiatives e.g. ClimateClever</p>	<p>Short to moderate term</p>	<p>\$</p>	<p>Council supported several schools and businesses to use ClimateClever (emission calculation and management app). Further emissions reduction work will commence in 2024 as part of the Community Action Plan</p>		<p>In progress</p>
<p>7.10 In line with the Launceston Transport Strategy, support the roll out of sustainable and active transport infrastructure by industry and state government to increase zero emissions mobility uptake in the community</p>	<p>Short to long term</p>	<p>-</p>	<p>Council has offered the State government support for zero emission bus trials in Launceston. Council supported the roll out of e-scooters across Launceston</p>		<p>Not yet commenced</p>
<p>7.11 In line with the Launceston Transport Strategy, develop and implement a public car-parking strategy that promotes sustainable transport modes over driving</p>	<p>Short to moderate term</p>	<p>-</p>	<p>The Launceston Transport Strategy four year work plan includes Parking Implementation Plans in central Launceston, South Launceston and Invermay</p>		<p>In progress</p>

<p>7.12 In line with the Launceston Transport Strategy, develop and implement a parking monitoring and optimisation plan to support improved traffic flow around the CBD and reduce driving distances e.g. dynamic signage, wayfinding and car park monitoring</p>	<p>Short to moderate term</p>	<p>-</p>	<p>Due to commence in 2024FY</p>		<p>Not yet commenced</p>
<p>7.13 In line with the Launceston Transport Strategy, provide the resources for the community to independently establish, monitor and implement their own travel plans</p>	<p>Short to moderate term</p>	<p>-</p>	<p>Due to commence in 2024FY</p>		<p>Not yet commenced</p>
<p>7.14 Lobby State and Federal Governments to increase sustainable transport outcomes including the introduction of rigorous minimum vehicle emissions standards; incentives for low and zero emission vehicles; change in legislation to support e-scooters; and the provision of funding for sustainable transport infrastructure</p>	<p>Short to moderate term</p>	<p>-</p>	<p>Lobbying completed for change in legislation to support e-scooters with roll out completed in 2022. The State government will offer e-mobility monetary rebate in late 2023 (e.g. e-scooters, e-bikes, EV etc.)</p>		<p>In progress</p>
<p>7.15 Lobby State Government to transition to a zero-emission bus fleet</p>	<p>Short to moderate term</p>	<p>-</p>	<p>Council has lobbied and offered support for zero emission bus trials in Launceston. No information is available on the trial commencement date</p>		<p>In progress</p>
<p>7.16 Develop guidance documentation for applying Environmental Sustainable Development (ESD) principles in the planning and design of buildings</p>	<p>Moderate term</p>	<p>-</p>	<p>Due to commence in 2024</p>		<p>Not yet commenced</p>

<p>7.17 Pilot an annual tree provision for Launceston residents, to increase canopy cover, sequester carbon and provide community participation in climate action</p>	<p>Short to moderate term</p>	<p>-</p>	<p>Plants have been ordered and will be available to the community in 2024/25</p>	 In progress
<p>7.18 Lobby State and Federal Governments to increase resource optimisation and recovery and circular economy opportunities including the introduction of a state waste levy and container refund scheme; include circular economy principles in Government purchasing policies; mandating a product packaging and labelling scheme to promote the use of recycled materials and product recyclability; and prioritising a response and solution to the national recycling crisis</p>	<p>Short to moderate term</p>	<p>-</p>	<p>Due to commence in 2024 as part of community consultation to develop action timeframes and details. Lobbying completed for State waste levy and container refund scheme</p>	 In progress

List of Acronyms and Abbreviations

BMS	Building Management System
CER	Clean Energy Regulator
ELT	Executive Leadership Team
EMS	Energy Management Systems
ESD	Environmental Sustainable Design/ Development
EV	Electric Vehicle
FOGO	Food Organics and Garden Organics
FY	Financial Year
HVAC	Heating, Ventilation, and Air Conditioning
LAC	Leisure and Aquatic Centre
NABERS	National Australian Built Environment Rating System
NGER	The National Greenhouse and Energy Reporting
QVMAG	The Queen Victorian Museum and Art Gallery
UTAS	The University of Tasmania
TBC	To Be Confirmed
T&D	Transmission and Distribution Losses