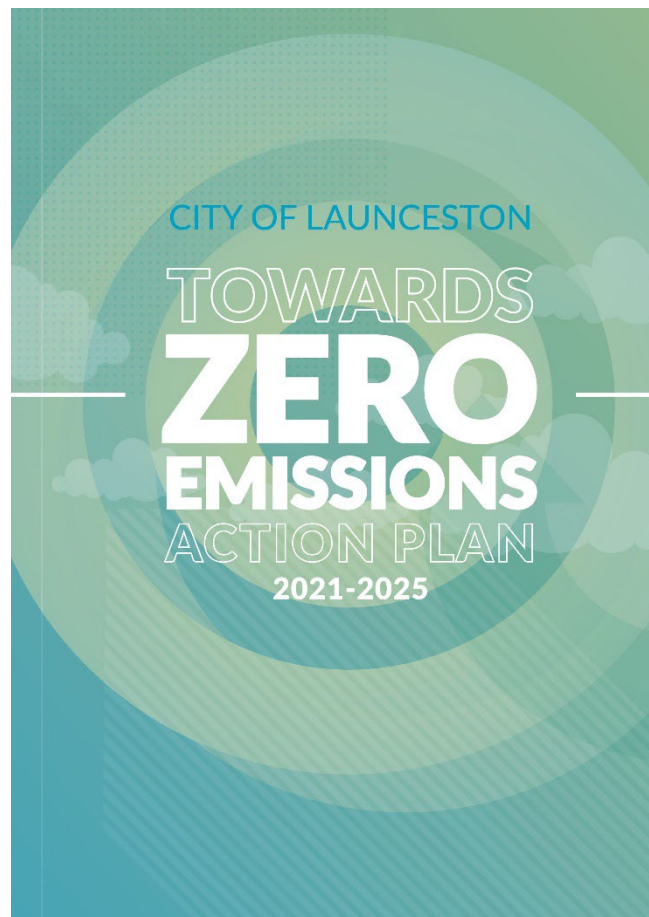


City of Launceston Towards Zero Emissions Action Plan 2023/24 Progress Report



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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 2024 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).

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*

As reported in previous years, the actions to be discontinued are due to the following reasons:

- *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.

Progress on Meeting Targets

Following the Council's declaration of a global climate emergency in 2019, 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
Target: Achieve 100% carbon neutrality by 2025	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. A carbon offset options report was completed in 2023 and outlines the process, risks and costs associated in purchasing offsets.	A decision has been made to not proceed with the purchase of carbon offsets due to the lack of integrity and transparency of the carbon offset market and the annual costs associated in purchasing offsets. Council believes money would be better spent in direct carbon abatement projects.
Target: Power all Council owned buildings by 100% renewable energy sources by 2025	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). Three buildings remain powered by fossil fuelled gas - QVMAG Royal Park, UTAS Stadium and Carr Villa Crematorium. While QVMAG Royal Park and UTAS Stadium will transition off gas, the electrification will not occur prior to 2025. Limited options are available to transition the Carr Villa Crematorium off gas as no crematoriums currently operate on alternative energy sources in Australia.	Scoping and feasibility studies are being completed for QVMAG Royal Park and UTAS Stadium. Council will continue to explore alternatives for non-gas powered crematoriums.
Pledge: Power Council operations by renewable energy, and set targets to increase the level of renewable power for Council operations over time	Powering Council owned buildings with 100% renewable energy by 2025 is the target committed to for buildings (see above for progress) The following fleet targets have been set: - 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	New targets will be set in 2025 for buildings

	Target 4 - ZEVs comprise 50% of heavy vehicles & plant by 2040	
Pledge: Encourage sustainable transport use such as public transport, walking and cycling through Council transport planning and design	In line with the Launceston Transport Strategy, Council is supporting the roll out of sustainable and active transport infrastructure. Council upgraded 26 bus stops in 2023 and plan to upgrade another 40 in 2024. Council constructed an end of trip facility for staff which opened in 2023 and installed 20 hoop bike stands in 2024.	Council will continue supporting the roll out of sustainable and active transport infrastructure
Pledge: Support cycling through provision of adequate cycle lanes, bike parking and end-of-ride facilities	In line with the Launceston Transport Strategy, Council is supporting the roll out of sustainable and active transport infrastructure. Council constructed an end of trip facility for staff which opened in 2023 and installed 20 hoop bike stands in 2024.	Forster Street Bike Path is due for construction in late 2024 while the Mowbray Levee to Heritage Forest project is still awaiting funding. Council will continue supporting the roll out of sustainable and active transport infrastructure.
Pledge: Lobby state and federal governments to increase sustainable transport options	Pledge Achieved 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 in Launceston. The State government rolled out an e-mobility monetary rebate in late 2023 (e.g. e-scooters, e-bikes, EV etc.).	Council will continue to lobby governments to increase sustainable transport options
Pledge: Achieve 100% divestment from fossil fuel-aligned investments at the earliest possible date	Pledge Achieved Council has no direct investment in fossil fuel investments.	Council will continue to investigate indirect investments alternatives in 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	Status
1.1 Calculate Council's annual emissions from operations from each financial year	Short term / ongoing	\$	2020FY, 2021FY, 2022FY and 2023FY completed and independently verified by GHD, including summary report complete. 2024FY reporting in progress	 Achieved / Ongoing
1.2 Improve data capture and quality across all emissions scopes	Short term / ongoing	\$	Data availability from our supply chain is being investigated for new emission sources added to annual reporting in 2024FY	 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 and encourages staff to develop further measures to reduce emissions relevant to their role. An e-learning module commenced in mid 2024 and workshops will be rolled out in later 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
1.5a Develop a framework to track emission reduction actions and provide publicly-available updates on the progress of actions - develop framework	Short term / ongoing	\$	Framework developed in 2021	 Achieved
1.5b Develop a framework to track emission reduction actions and provide publicly-available updates on the progress of actions - report on progress	Short term / ongoing	\$	Progress tracking for actions to take place quarterly and reported annually in September. 2022FY completed and 2023FY in progress (this report)	 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	Status
2.1 Coordinate the increase gas capture capacity and efficiencies in the existing landfill gas extraction system	Short term / ongoing	\$	Works completed to increase gas capture capacity and a reduction in landfill gas has been reported	 Achieved
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, Pepper Silos	 Achieved
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 is aiming to implement kerbside FOGO in 2025/26. Georgetown and Break 'O Day Councils are yet to offer the service	 Achieved

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 was rolled out at Town Hall in September 2023. An internal waste audit will be undertaken across all main buildings in Spring 2024 to determine the appropriate waste collection system for each site	 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 was delivered at Town Hall prior to the introduction of FOGO. Further education and awareness will commence at other sites prior to the roll out of best practice waste collection.	 In progress
2.8 Establish a construction and demolition recovery facility	Long term	\$\$\$\$	A C&D waste audit has been completed and the feasibility report is due late 2024.	 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:



Action	Timeframe	Cost	Commentary	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 2025/2026; 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 and water audit has been completed	 Achieved

3.3 Adopt an energy management system (software) for monitoring and managing usage and consumption data that assists with regular emissions reporting	Short to moderate term	\$\$ - \$\$\$	Council is utilising a data and analytics program (Energy Detective) to identify trends and patterns in energy consumption and costs.	 Achieved
3.4 Install a building management system (BMS) at Council's high energy consuming facilities	Moderate to long term	\$\$\$	Following the installation of a BMS at QVMAG Royal Park, a total of 7 sites now have a BMS: LAC; QVMAG Inveresk and Royal Park; Town Hall & Annex; Princess Theatre; UTAS; and Macquarie House.	 Achieved
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.	Moderate to long term / ongoing	\$\$	HVAC assessment in progress at Town Hall and completed at LAC. Installation of smart meters at QVMAG and Town Hall in progress. QVMAG and UTAS stadium BMS to be upgraded Princess Theatre Light Upgrade	 In progress
3.6 Transition building, plant and equipment to electrification and renewable power where feasible, while investigating further opportunities for savings	Long term / ongoing	\$\$\$\$	Electrification of our buildings is well underway with three sites remaining on gas (QVMAG Royal Park, Carr Villa Crematorium and UTAS Stadium showers). Plant and equipment is continually being replaced with battery-powered alternatives and roof top solar PV is now installed at 17 Council owned sites.	 In progress

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.	Moderate to long term	\$-\$\$	Discussions underway on the scope of the new policy. The development of the policy will commence in Aug 2024.	 In progress
3.8 Conduct Council employee and lease holder training and behaviour change programs to ensure facilities and equipment are operated efficiently	Short to moderate term	\$	Two sites have been identified that may benefit in educating lease holders in the optimal operation of Council assets. Training will commence in late 2024. No others sites were identified as needing training.	 In progress

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		
 7.  9.  11.  12.  13.  16.  17.				 1.  2.  3.		
Action	Timeframe	Cost	Commentary	Status		
4.1 Continue fuel efficiency and electrification adoption of Council's light vehicle fleet	Short term / ongoing	\$\$\$\$	Under the 2023 Sustainable Fleet Guide, all light passenger vehicles procured from 2025 onwards must have a maximum fuel use of 6L/100km (based on the manufacturer's standard) and meet a tailpipe emission standard of 130g CO ₂ /km. The Sustainable Fleet Guide also sets out two further targets for light vehicles: ZEVs comprise 50% of light passenger vehicle fleet by 2030; and ZEVs comprise 100% of light (passenger and commercial) vehicle fleet by 2040. Council purchased its third electric light vehicle in 2024 and is expecting to ramp up fleet electrification from 2025.	 Achieved		
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	\$\$\$\$	The Sustainable Fleet Guide was developed in 2023. All light passenger vehicles procured from 2025 onwards must have a maximum fuel use of 6L/100km (based on the manufacturer's standard) and meet a tailpipe emission standard of 130g CO ₂ /km.	 Achieved
4.4 Investigate and trial alternative transport options for work travel e.g. introduction of e-bikes and e-scooters to Council's fleet	Short to moderate term	\$-\$	Micromobility working committee established and policy for staff to use micromobility devices for work travel developed. An e-scooter and e-bike were introduced to the Town Hall fleet as a trial.	 Achieved
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	Moderate to long term / ongoing	\$-\$	Electric truck purchased in 2023FY. Various diesel powered equipment has been replaced with electric alternatives. New technology in minor and major plant and equipment is being explored continuously by Fleet Manager.	 In progress
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	Short to moderate term	\$\$\$	Facility opened in March 2023	 Achieved
4.7 Develop a policy to offset air travel emissions	Short term	\$ - \$	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	 Discontinued
4.8 Set long term and interim targets for the increase in renewable energy powered fleet and plant equipment	Moderate to long term	\$	Light vehicle targets are now set for 2025, 2030 and 2040. The lack of market ready and affordable technology has delayed the setting of targets for heavy plant and vehicles.	 Achieved

Targets will be explored again in 2026.	
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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:



Action	Timeframe	Cost	Commentary	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 is underway and due to be completed in late 2024	 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	\$	Council has met with several suppliers to understand emissions associated with procured goods and services. Centralising orders and reducing the frequency of goods received by Council is one example of emissions reduction actions identified to date	 In progress

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	Short term / ongoing	\$	Updated information on Council's sustainability targets and commitments has been included in tender information and during meetings with existing suppliers	 Achieved
5.4 Explore assigning sustainability weighting / evaluation criteria in tender evaluations to encourage the procurement of zero-low emissions goods and services	Short term	\$	Sustainability weighting has been included in several tenders since 2021 on a case-by-case basis.	 Achieved
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	Ongoing	\$ - \$\$	No direct investment in fossil fuel investments. Council has investigated indirect investments through banking and super funds and will continue to explore banking and superannuation institutes that support more sustainably considered investments	 Achieved

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	Status
6.1 Develop and implement an Urban Forestry Plan to retain and increase canopy cover across Council land	Moderate to long term	\$-\$	The Urban Greening Strategy (UGS) was endorsed in late 2023 with implementation commencing in 2024	 Achieved
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

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	Moderate term	\$	Policy review to be undertaken as part of the UGS implementation. Review to commence in 2024/25	 Not yet commenced
6.4 Investigate the technology available to assess Council's carbon sinks and sequestration capacity	Moderate term	\$\$	Investigations commenced for i-tree eco, ICT International or an in-house built app. The draft <i>Accounting for Carbon Removals From Tree Plantings Guideline</i> will also be explored.	 In progress
6.5 Investigate carbon offset options for Council to achieve carbon neutrality by 2025	Short term / ongoing	\$\$\$	Carbon offset options report complete and discussions underway on appropriate next steps.	 Achieved

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:

Sustainable Development Goals				Cities Power Partnership
 3.  6.  7.  12.  13.  15.  16.  17.				 2. Sustainable Transport  3. Renewables
Action	Timeframe	Cost	Commentary	Status
7.1 Further develop the Towards Zero Emissions - Community Action Plan through further community and stakeholder engagement	Short to moderate term	-	Stakeholder engagement has been completed for the Community Emissions Action Plan. The plan is now in development and due for completion in late 2024	 In progress
7.2 Complete an annual emissions audit for community emissions	Short term / ongoing	\$	2021FY complete 2022FY complete 2023FY complete	 Achieved / Ongoing
7.3 Set emission reduction targets for community emissions	Moderate term	-	Science Derived Targets have been developed and will be published as part of the Community Emissions Plan	 Achieved / Ongoing
7.4 Improve data capture and quality of community emissions	Short term / ongoing	\$	TasNetwork data has provided a significant increase in accuracy. Data and methodology is under review and will be finalised in late 2024	 Achieved / Ongoing

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
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	Moderate term / ongoing	\$\$	Project completed in partnership with UTAS Climate Futures	 Achieved
7.7 Promote any upcoming state and federal grant funding to the community to stimulate locally driven emissions reduction actions	Short term / ongoing	\$	Several climate and sustainability grants promoted by CoL	 Achieved / Ongoing
7.8 Promote commercial sector accomplishments in emissions reductions	Moderate to long term	\$	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	 Achieved / Ongoing
7.9 Support schools and businesses in the delivery of emissions reduction initiatives e.g. ClimateClever	Short to moderate term	\$	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	 Achieved / Ongoing
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	Short to long term	-	Council has offered the State government support for zero emission bus trials in Launceston, supported the roll out of e-scooters across Launceston, installed 20 hoop bike stands and upgraded 26 bus stops in 2023 and plan to upgrade another 40 in 2024.	 In progress

7.11 In line with the Launceston Transport Strategy, develop and implement a public car-parking strategy that promotes sustainable transport modes over driving	Short to moderate term	-	The Launceston Transport Strategy four year work plan includes the development of Parking Implementation Plans for central Launceston, South Launceston and Invermay. Central Launceston and South Launceston plans are in implementation stage and Invermay is yet to be developed.	 In progress
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	Short to moderate term	-	Electronic car park occupancy signs have been installed in multi-storey car parks and on the arterial routes into the city.	 Achieved
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	Short to moderate term	-	Due to commence in 2024FY	 Not yet commenced
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	Short to moderate term	-	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.)	 Achieved
7.15 Lobby State Government to transition to a zero-emission bus fleet	Short to moderate term	-	Council lobbied and supported the zero emission bus trials in Launceston which commenced in 2024.	 Achieved

7.16 Develop guidance documentation for applying Environmental Sustainable Development (ESD) principles in the planning and design of buildings	Moderate term	-	An ESD Policy is in development and due for completion in late 2024	 In progress
7.17 Pilot an annual tree provision for Launceston residents, to increase canopy cover, sequester carbon and provide community participation in climate action	Short to moderate term	-	Native plant giveaways were held in 2024 as part of the Sustainable Living Festival and the Torrens St Youth Festival	 Achieved / Ongoing
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	Short to moderate term	-	Lobbying completed for State waste levy and container refund scheme.	 Achieved

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
ZEV	Zero Emissions Vehicle