



City of
Melville



CLIMATE ACTION

ANNUAL PROGRESS REPORT

2024 - 2025



Acknowledgement of Country

We acknowledge the Bibbulmun people as the Traditional Owners of the land on which our City stands today and pay respect to Elders past and present.

Nyungar Statement

City of Melville nagolik Bibbulmen Nyungar ally-maga milgebar gardukung naga boordjar-il narnga allidja yugow yeye wer ali kaanya Whadjack Nyungar wer netingar quadja wer burdik. Marie Taylor, Whaduck Balardong Nyungar Birdiyia.

Marie Taylor
Whaduck Balardong Nyungar Birdiyia

Acknowledgement of the Climate Emergency

We acknowledge the climate emergency and our commitment to achieving carbon neutrality as an organisation by 2030 and net zero emissions across the City by 2050.

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Cover: City of Melville Mayor Katy Mair, Chief Executive Officer Gail Bowman and community members at the EcoHub (right to left)

Introduction

Our [Council Plan for the Future \(2024-2034\)](#) is our highest-level strategic planning document, built upon five outcome areas, with 'a clean, green and sustainable City for current and future generations' being a key focus area for the community and the City.

The City's Corporate and Community Climate Action Plans directly address our Council Plan objectives below and help us to realise our community's aspiration of a clean and green City:

- **2.1** Protect and enhance our natural environment, ecosystems and biodiversity.
- **2.2** Sustainable use of resources and adoption of a circular economy approach, optimising waste reduction and resource recovery.
- **2.3** Increase the urban forest tree canopy on City managed land.
- **2.5** Mitigate and adapt to climate change impacts.
- **2.6** Transition the organisation to carbon neutrality by 2030 and facilitate community progress to net zero emissions by 2050.

In June 2021 the City of Melville Council declared a climate emergency and set ambitious targets for City operations to be carbon neutral by 2030 and to support our community to reach net zero emissions within our geographical area by 2050. Informed by the community and led by Council we continued to prioritise climate change initiatives and projects to ensure our climate action efforts within the organisation and in partnership with the community are effective, efficient and sustainable.

The Corporate Climate Action Plan (Corporate CAP) 2023–2028 outlines opportunities for reducing greenhouse gas emissions, adapting and mitigating, building resilience, and minimising the impact of climate change on our organisation. Our Corporate CAP approach is based on a science-based methodology that prioritises emission reductions in the areas that will have the most significant impact and focuses on cost effective solutions to combat climate change.

The Community Climate Action Plan (Community CAP) 2024-2030 vision is that "We are a climate resilient community living in harmony with biodiversity and creating a positive future for all." It highlights the actions we will take to protect and enhance our environment and to support and accelerate progress in the community on our collaborative journey to net zero emissions.

The Climate Action Plans work in parallel to ensure the City's operations and the services we deliver are reflective of our commitment to a clean, green and sustainable city. Every City staff member has a pivotal role in ensuring our Corporate CAP's success and achieving our goal of carbon neutrality by 2030. As we advance the Community CAP, we acknowledge that progress towards net zero by 2050 will require the active participation of our community, and for us to work collaboratively to achieve sustained and effective climate action.

This report details our key achievements, progress and focus areas throughout the 2024-2025 financial year. For more information about the Corporate CAP, please visit www.melvillecity.com.au/corporatecap and to view the Community CAP, please visit www.melvillecity.com.au/communitycap.



The City's Role in Climate Action

To achieve our vision of a vibrant, sustainable, inclusive Melville, the City undertakes a variety of roles as a local government, focusing on our diverse communities' aspirations and priorities, while also responding to the changing needs of our community.

Our Roles



Advocate – we promote the interests of our community to other decision-making organisations, such as State and Federal Government.



Facilitator – we bring together and encourage others to achieve goals.



Funder – we provide funding to others to provide services and facilities.



Monitor – we gather information and check progress over time.



Partner – we work collaboratively with others to deliver services and facilities.



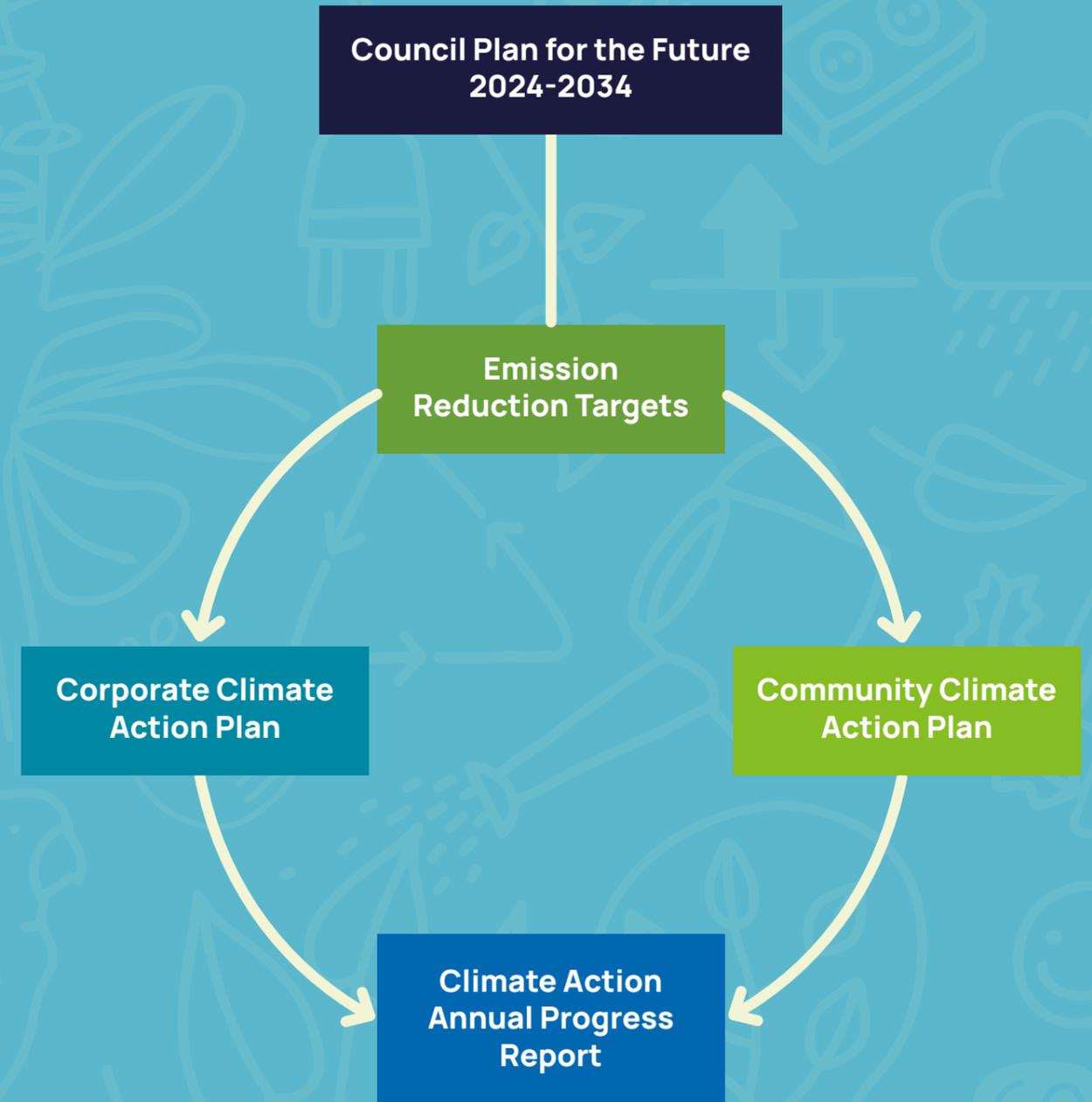
Provider – we are responsible for service and facility delivery.



Corporate and Community Climate Action Plans (CAPs)

The City's Corporate CAP and Community CAP's are built upon the same principles of climate action and work together to enable the organisation to reach carbon neutrality by 2030 and to facilitate community progress to net zero by 2050. It is important to note that although these plans have differing themes, focus areas and objectives, they share the same outcome of a clean, green and sustainable City for current and future generations.

The illustration below demonstrates the corporate alignment of the Climate Action Plans with our Council Plan.



Corporate Climate Action Plan

In working towards the City's ambitious emissions reduction target to be a carbon neutral organisation by 2030 we are focused on delivering the ten themes (listed below) and their associated 110 actions to help adapt and mitigate the effects of climate change now and in the future.

KEY THEMES AND OUTCOMES



Advocacy

Proactively advocate for policies and strategies that enhance climate resilience, biodiversity protection, and sustainable asset management



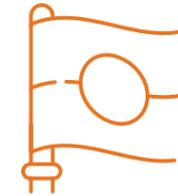
Finance

Develop and maintain robust financial mechanisms that support, incentivise, and accelerate climate action initiatives within City operations



Built Environment

Renew and enhance City infrastructure and buildings to incorporate sustainability, energy efficiency, and climate adaptation features



First Nations

Integrate First Nations' cultural practices and engagement to safeguard culturally significant sites from climate impacts



Community Focus

Engage and empower the community in climate action, fostering a collective approach to emissions reduction and sustainable living practices. (Please note this theme has now been incorporated into the endorsed Community Climate Action Plan)



Habitat Protection

Enhance and protect biodiversity and ecosystem resilience through proactive management and implementation of nature-based solutions



Education & Awareness

Cultivate a climate-conscious organisational culture through comprehensive training, partnerships, and communication strategies



Policies & Planning

Embed climate change considerations into all City policies, plans, and decision-making processes, ensuring a comprehensive approach to climate resilience



Emissions Reduction

Significantly decrease the City's ongoing carbon footprint by implementing innovative technologies and sustainable practices across all operational areas



Transport

Transition to a low-emission transportation system for City operations, prioritising active transport, infrastructure and efficient fleet management

Community Climate Action Plan

The Community Climate Action Plan (Community CAP) vision is that “we are a climate resilient community, living in harmony with biodiversity and creating a positive future for all”.

KEY THEMES AND OUTCOMES

The Community CAP captures the 57 actions across 7 themes that the City will undertake, representing our commitment to environmental stewardship, sustainability and building resilience within our community, facilitating collaborative progress towards net zero by 2050.

THEME 1



Climate Leadership

Demonstrating climate change leadership through initiatives and strategic partnerships

THEME 2



Resilience

Building a resilient community and infrastructure capable of withstanding the impacts of climate change

THEME 3



Energy

Transitioning to more sustainable energy sources to reduce greenhouse gas emissions

THEME 4



Transport

Promoting sustainable forms of transport, including low-carbon solutions and infrastructure to reduce the environmental impact of mobility

THEME 5



Food

Promoting climate sensitive food choices to enhance environmental, social and economic resilience

THEME 6



Waste

Implementing comprehensive waste strategies to reduce landfill waste, and participating in the circular economy

THEME 7



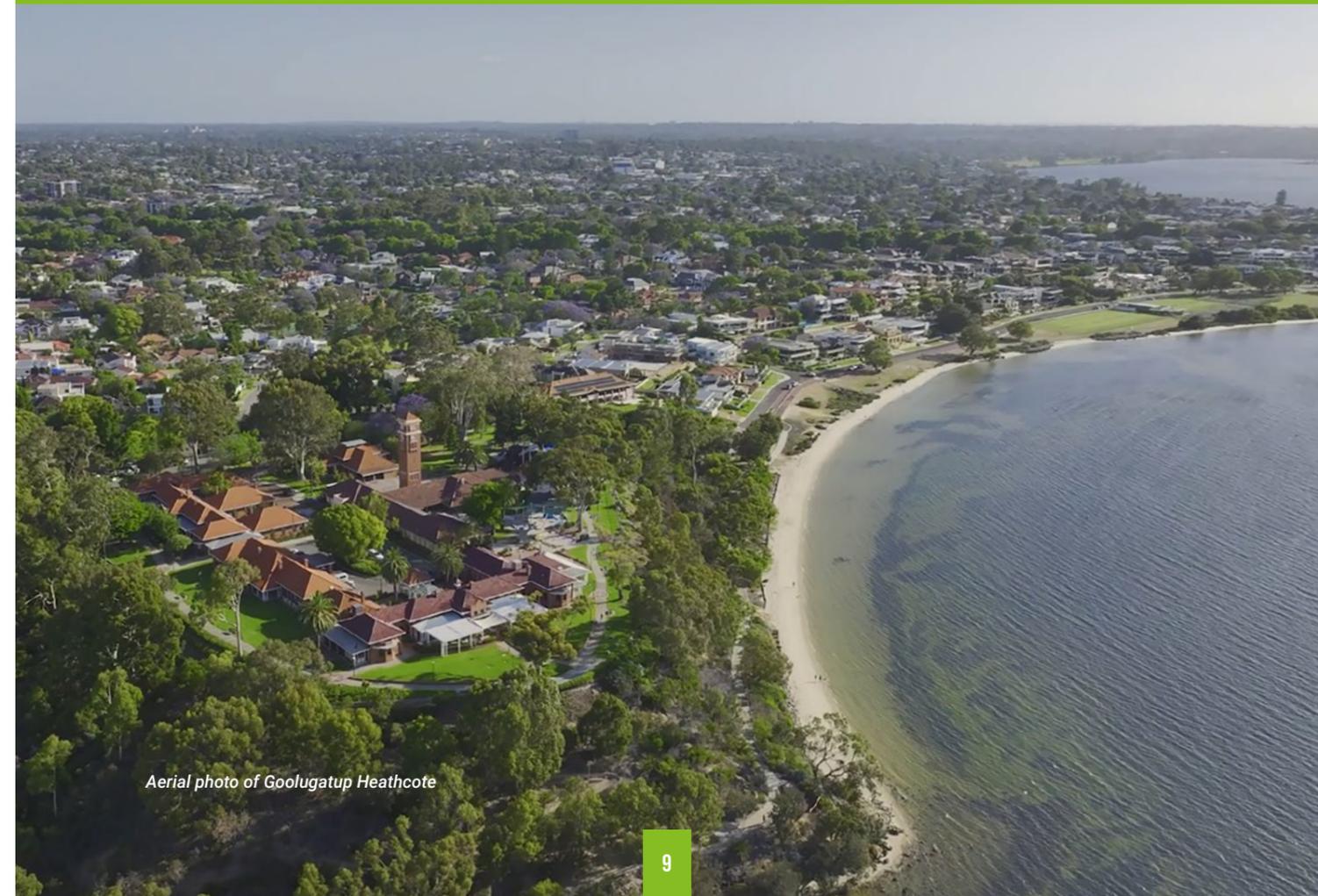
Greening

Collaborating with the community to increase biodiversity within both natural and urban ‘green spaces’

Risks

With the frequency and magnitude of climate change events around the globe increasing, it has never been more important to facilitate and act on climate change initiatives that ensure resilient, sustainable communities now and into the future. The high-level risks and drivers for why climate change activities are vital have been identified through the Corporate and Community CAP's and are listed below:

1. Decline in economic activity due to climate related events.
2. Disruption to services and damage of infrastructure and property due to climate related events including storms, flooding and fire.
3. Increasing marine and estuarine water temperatures negatively impacting marine, riverine and wetland ecosystem health.
4. Sea levels are rising, increasing erosion and impacting infrastructure along the foreshore, particularly during storm tides.
5. Significant impacts on the region's native fauna and flora.
6. Reduction in average rainfall, increases the frequency and severity of droughts impacting ecosystems.
7. Health impacts related to widespread bushfire smoke exacerbating air pollution.
8. High average and extreme temperatures, further amplified by the urban heat island effect.



Aerial photo of Goolugatup Heathcote

Corporate CAP Progress

Advocacy

Proactively advocate for funding, policies and strategies that enhance climate mitigation initiatives, biodiversity protection, and sustainable asset management.



KEY ACHIEVEMENTS

To ensure the City proactively seeks out advocacy opportunities that provide enhanced climate resilience, biodiversity protection and sustainable asset management, the City established our advocacy priorities to optimise resource allocation and ensure organisational alignment on climate action through our Advocacy Strategy.

The City of Melville continued to lead the way with sustainable waste management and in July 2024 our Elected Member representatives successfully moved a motion at the National General Assembly of Local Government in Canberra that urged the Australian Government to take urgent action to implement mandatory product stewardship schemes for priority materials, such as electronic waste, tyres, mattresses and consumer packaging.

Building and maintaining key relationships with State Government, Ministers and Local Members saw several meetings take place, with ongoing future meetings planned, to highlight our current initiatives and achievements, outline barriers that limit the effectiveness of delivery and explore opportunities to strengthen outcomes and partnerships in support of the City's climate and sustainability objectives.

The City was thrilled to receive more than \$518,000 in funding from the Federal Government¹ to increase renewable energy generation, reduce reliance on grid electricity and cut carbon emissions. This funding will go towards various projects across the Civic Centre, Operations Centre and at the Point Walter Reserve, abating ~118 tCO₂e of carbon emissions each year.

City staff also attended several WALGA climate advocacy sessions, and the City's sustainability team presented our Climate Vulnerabilities, Risk and Opportunities report findings to the Local Emergency Management Committee.

¹The funding was awarded through the Federal Government's Department of Climate Change, Energy, the Environment and Water and their Community Energy Upgrades Fund Program Round 1.

City of Melville Mayor Katy Mair and Member for Tangney Sam Lim celebrated the City's successful Community Energy Upgrades Fund grant application¹



Built Environment

Renew and enhance City infrastructure and buildings to incorporate sustainability, energy efficiency, and climate adaptation features.



KEY ACHIEVEMENTS

Work continued at our award winning LeisureFit Centre in Booragoon to ensure that this well-loved centre was not only fit for purpose but also housed sophisticated and energy efficient equipment and systems. This year we replaced more gas-powered equipment with energy efficient electric alternatives, implemented better monitoring and usage controls for the HVAC system, replaced all lighting with LEDs, and installed water efficient fittings with automatic turn off functions. During the 2024-2025 financial year we also commenced a Master Plan to investigate upgrading the remaining parts of the centre, including replacing the swimming pool gas boiler to an electric heat pump which will completely electrify the centre.

The City's engineering team investigated opportunities to use energy efficient, climate friendly alternatives for their business-as-usual activities and completed various eco-friendly projects this year including:

- The City's engineering team won a highly commended award from the prestigious Institute of Public Works Engineering Australasia (IPWEA) WA for their clever 'giant bladder' system, diverting stormwater that would previously have been wasted to practical use throughout the City. This diverted water is reused in road construction, tree watering, road sweeping and drain cleaning, helping to further reduce the City's reliance on groundwater use.
- Completed drainage infiltration works at various locations to capture stormwater run-off, to then infiltrate this excess water back into the ground at the source to reduce flood risks in these areas.
- Implementing Water Sensitive Urban Design (WSUD) principles to all projects where practical, with WSUD projects completed on The Strand and the Murdoch Drive shared path projects, as well as permeable paving used in the Ogilvie Road Streetscape Upgrade project.
- Used low-emission materials when resurfacing Davy Street and Preston Point Road, and recycled asphalt for road works on Farrington Road.
- Currently trialling Coolseal Albedo (a heat reflecting asphalt treatment) in Kardinya to extend the asphalt's lifespan and decrease maintenance frequency, and potentially reduce urban heat island effect and reduce surface road temperatures by between 4-15°C.
- Adopted a "pipe relining" method to increase flow capacity within drainage systems, avoiding the need for deep excavation works, long disruptions and increased carbon emissions.
- Roads, Paths and Stormwater Drainage Asset Management Plans have been updated to now include a section on climate change adaptation to ensure climate resilient City infrastructure.



Built Environment

Zero Carbon Action Plans were developed by expert consultants for the Civic Centre, LeisureFit Melville and Booragoon Centres, and the Shirley Strickland Pavilion that recommended actions which will reduce each facilities' carbon emissions through electrification and energy efficiency upgrades. The City is committed to achieving a Green Star Performance rating for these facilities which will benchmark them against international standards and identify opportunities for improving the building's operation in terms of resource efficiency (e.g. water and energy) and cost-effectiveness. These improvements will be investigated and their cost-benefits evaluated in the future.

To build climate change resilience and lower emissions for all City owned buildings we are developing a city-wide Strategic Asset Management Plan, with several individual, site specific asset management plans in progress too. The City continued to develop a Building Asset Management Framework which will define specifications for sustainable fixtures and fittings to reduce consumption and energy throughout City-owned buildings. In-line with these plans, we completed several initiatives and projects to help protect City facilities from the impacts of climate change, including the update and refining of renewal plans for all City buildings and lighting infrastructure.

Established in early-2024, our new Social Procurement Committee oversees social and sustainable procurement. With our procurement policy requirement of a 20% minimum weighting for local, socially responsible and sustainable businesses to be included in all major procurement evaluations, the City's procurement practices are aligning with our sustainability outcomes.



Accepting engineering award at the annual IPWEA ceremony. City of Melville CEO Gail Bowman, Manager Engineering Kimberly Brosztl, Mayor Katy Mair, Open Space Design Coordinator Janine Ahola, Civil Design Coordinator Strini Govender, Construction Supervisor Joshua Lappan and Project Engineer Saba Kirupanather (left to right)

Education and Awareness

Cultivate a climate-conscious organisational culture through comprehensive training, partnerships, and communication strategies.



KEY ACHIEVEMENTS

To put Melville on the map to become renowned for climate innovation and environmentally sustainable excellence, the Piney Lakes Environmental Education Centre (PLEEC) was rebranded and renamed to the City of Melville EcoHub. The EcoHub name and branding takes inspiration from its intertwined nature with the local environment, where it will continue to be a hub where the community can connect, learn, share and take local and meaningful action towards achieving an ecologically sustainable future.

The City celebrated the newly branded EcoHub with a joint celebration to launch our Community CAP in December 2024. Since launching the Community CAP, we have reviewed our program delivery and consolidated education resources to increase alignment to community climate action outcomes and better support our community's needs moving forward.

From 1 July 2024 to 31 June 2025 the City's EcoHub team delivered **260** sustainability and waste education programs, with more than **7,600** attendees including our second Eco Action Expo and 'Switch Your Thinking' campaigns. Since the Community CAP was endorsed 175 new/ updated campaigns, events and workshops were developed, reaching more than 5,550 community members. Find out more about our EcoHub activities, events and workshops in the Community CAP Progress section on page 25.

The City's first Climate Action Tracker (CAT) was launched. This tracker enables the City to internally track progress against all climate actions efficiently. We also established an internal Climate Action Governance Advisory Group (CAGAG) to provide Executive oversight on the effectiveness and progress of activities to address climate change mitigation and resilience in-line with the Corporate and Community CAPs.

We engaged in regular knowledge sharing and capacity building workshops with Switch Your Thinking, Cities Power Partnership, Climate Emergency Australia and presented our carbon accounting progress to other local governments.

Investing in our staff and ensuring we stay informed of emerging climate action and mitigation strategies we completed various training courses, including some of our Executive Leaders who completed Climate Emergency Australia training on governing in a climate emergency. A variety of staff also completed Green Star Foundation and advanced courses, and other City staff also participated in a Circular Economy Kickstarter Workshop to incorporate circular economy principles in their day-to-day work.

Our partnerships are imperative to ensure we are able to reach carbon neutral, and this year we continued our long-standing partnership with Murdoch University to explore opportunities and share information around energy efficiency and decarbonisation, and broader community related sustainability projects that focus on climate change resilience.

We retained our score of A minus for our Carbon Disclosure Project (CDP) submission, accredited by CDP, a global non-profit that runs the world's only independent environmental disclosure system, covering key areas such as climate change, water security and urban tree canopy. This continued achievement reflects our consistent commitment to climate action and environmentally sustainable leadership.





Emissions Reduction

Significantly decrease the City's ongoing carbon footprint by implementing innovative technologies and sustainable practices across all operational areas.



KEY ACHIEVEMENTS

Since establishing service area annual carbon budgets in 2023-2024 financial year, a key focus for this year was implementing a new carbon emissions accounting system. This platform which was commissioned in June 2025, will automate and streamline the accurate tracking of our direct emissions and help build the City's indirect emissions inventory.

The City completed a feasibility study of various City facilities with existing smart demand management technologies to identify and implement opportunities for improvement, with early investigation works underway to upgrade these Building Management Systems. Additionally, we are also creating Capacity Demand Management Plans for City owned buildings to reduce energy consumption where possible, particularly during peak periods, in addition to emission reductions this has also led to increased cost savings associated with both reduced consumption and capacity charges.

We continued to investigate local offsets such as renewable energy, storage and bio-sequestration (removing carbon dioxide from the air and storing the carbon in plant material) on City land within our supply chain. We are working with the Perth South West Group and the City of Armadale to develop a broader strategy and approach for the Perth Metro region.

Our smart LED floodlight replacement program saw Webber, Winnacott, Beasley, and Bill Ellson Reserves make the switch to smart LED floodlighting, with Tompkins Park and Marmion Reserve floodlights replacements due to be completed towards the end of 2025.

With our focus on implementing circular economy waste management approaches, we achieved a 66.2% diversion from landfill across all streams of waste including residential and commercial collections, bulk verge services, and public drop-off days.

Discussions continued with our waste recovery partner and the City is investigating disposing future general waste at the Kwinana energy from waste facility, where the red lidded waste which currently ends up in landfill could be turned into renewable energy in the future.

Additionally we continued to promote the benefits of the FOGO bin to food businesses and the 3-bin FOGO system continued to be rolled out across high-density developments and various City buildings. Read more about our resource recovery efforts on page 25 under the Community CAP Progress section.

We retained our gold waterwise council status from Water Corporation and instigated increased water efficiency through our new stormwater harvesting system, innovative collaboration with Curtin University's eDNA Frontiers program in collecting data to better understand the WA wetlands' health and improved water management design (hydrozone principles) throughout our natural areas, parks and reserves.

Finance

Develop and maintain robust financial mechanisms that support, incentivise, and accelerate climate action initiatives within City operations.



KEY ACHIEVEMENTS

In-line with our objective to better integrate carbon emission data with our financial systems to capture scope 3 emissions for systematic and transparent carbon accounting, in August 2024 we mandated the entry of an emissions category and source labelling through our procurement system. These additional fields help our City staff calculate scope 3 emissions who use a spend-based method incorporating carbon emission factors.

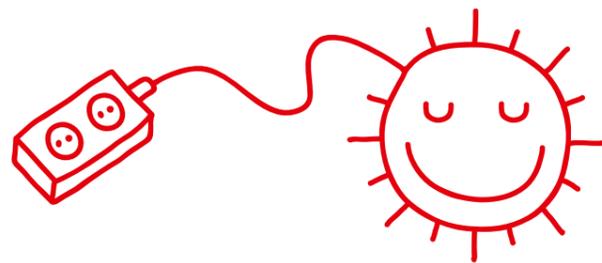
The City continued to explore and apply for grant opportunities to support our climate change mitigation and adaptation projects and were successful in securing grant funding for the following projects:

- Community Energy Upgrades Fund (CEUF) Round 1 for a total of \$518,110 in grant funding
- We received two grants from the WA Charge Up Workplace Grant Program (\$17,306) and Federal Government¹ funding of \$199,529 to support our fleet's transition to electric vehicles (EVs).

We also submitted an application for the WA Charge Up Grant Round 3 for additional Fleet EV Chargers and will know the outcome during the following financial year.

The City's diversified investment portfolio continued to contain at least 20% of green, ethical investment products, with ongoing discussions with banking institutions to ensure alignment and preference for green, ethical investment products.

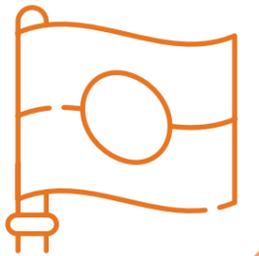
Key staff attended training and education sessions to stay up-to-date with emerging information coming out of the Climate Related Financial Disclosures Taskforce. More information concerning this will be provided in due course.



¹ This Project received funding from the Australian Renewable Energy Agency (ARENA) as part of ARENA's Driving the Nation Program, coordinated by WALGA who also secured grant funding from the WA State Government.

First Nations

Integrate First Nations' cultural practices and engagement to safeguard culturally significant sites from climate impacts.



KEY ACHIEVEMENTS

The City launched its new Stretch Reconciliation Action Plan (RAP) 2025-2028, reaffirming its commitment to embedding reconciliation in everyday operations. Building on more than a decade of reconciliation efforts, the City continues to work towards a future where the living cultures of Aboriginal and Torres Strait Islander peoples are valued, and the history and experiences of First Nations peoples is acknowledged.

Our continued commitment to integrate First Nations' cultural practices and safeguard significant sites from climate change impacts saw the City engage and collaborate with First Nations' groups on a variety of projects this year, including but not limited to the First Nations Ranger Program and other key projects such as the Goolugatup Heathcote (Lowerlands), Dyoondalup Point Walter Bike Track, Esplanade Public Open Space and Melville Beach Road.

We continued to safeguard culturally significant sites against climate change impacts, with ongoing annual programs developed and guided by our Natural Areas team in collaboration with the First Nations team, undertaking effective stakeholder consultation and seeking approval from the Whadjuk Aboriginal Corporation (WAC) and Department of Planning, Lands & Heritage (DPLH) prior to any works commencing.

Work continued to integrate First Nations land management practices into existing land management strategies to reduce vulnerability to bushfires and protect native species.

City of Melville staff, Councillor Soo Hong and CEO Gail Bowman in shirts featuring artwork by First Nations artist Lesha Wyatt with Aunty Marie Taylor



Habitat Protection

Enhance and protect biodiversity and ecosystem resilience through proactive management and implementation of nature-based solutions.



KEY ACHIEVEMENTS

We took proactive steps in mitigating urban heat island effects and protecting our native flora and fauna through the review and endorsement of our Urban Forest Strategy Review in October 2024. With our urban forest tree canopy currently sitting at only 12.5% on City owned land, we are committed to increasing our urban forest tree canopy to 15% over the next decade.

City staff and contractors planted more than 6,000 trees, more than 23,000 seedlings and 8,045 mature stock native plants in our natural areas, streetscapes and parks. We will also be initiating trials for the planting of water sensitive tree species as part of the winter planting program.

This year we developed several planting and renewal plans for urban greening parks, gardens, and public domains that take into consideration climate change impacts of increased rainfall (flooding), storms and drought, favouring species adaptable to climate change. Projects completed include Dyoondalup Bike Park, Ogilvie Road Streetscape Upgrade, Bob Gordon Reserve, and the ongoing gully infill program.

To assist with resilient ecosystems in our natural areas and protect our native flora and fauna we continued to implement best practice methodologies in monitoring, and weed and pest management, through our ongoing annual program and our long-standing partnership with Murdoch University maintains the Conservation Action Plan for Black Cockatoos. The Natural Areas team completed the Piney Lakes revegetation project that will create additional Carnaby Cockatoo food habitat and installed 2 watering troughs and captured data for the assessment of suitable locations to plant native flora for future roosting and food sources for the Black Cockatoos.



Community members, Jeff Bird Manager Natural Areas and Parks and City staff planting new Tuart trees in Bicton

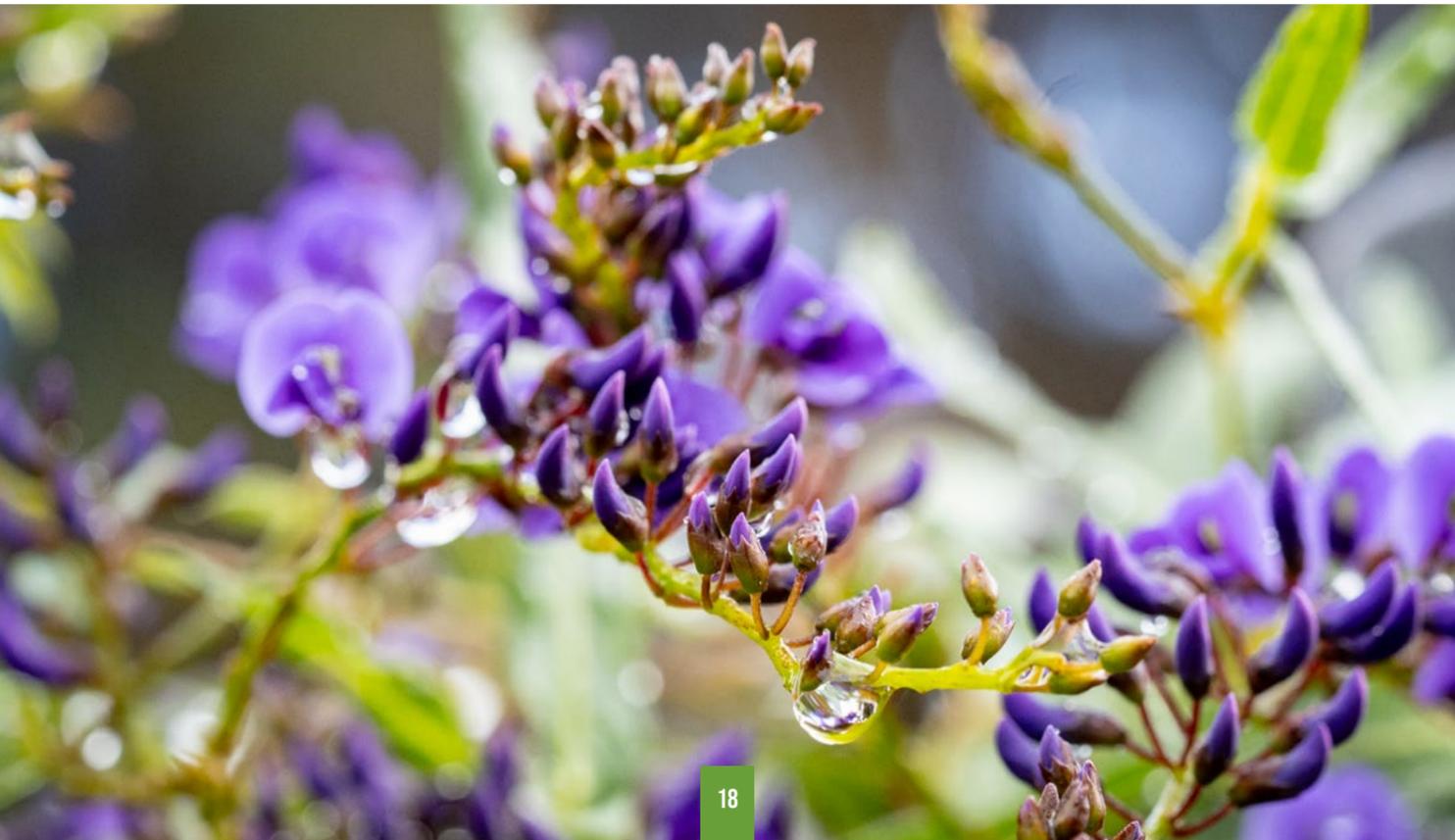
We completed environmental monitoring at Frederick Baldwin Lake, with findings integrated into the management of the lake and other similar ecosystems in the City. We enhanced the buffer of vegetation along the newly installed footpath around Frederick Baldwin Lake and are pleased to report that there have been no major outbreaks of botulism recorded this year.

Our adaptive management practices, conservation and restoration of wetland areas continued to enhance resilient ecosystems and included additional street sweeping completed around Booragoon, Blue Gum and Piney Lakes wetland areas to reduce waste and nutrient run off into these valuable ecosystems.

Nature-based solutions to flooding and riverine erosion were implemented at Melville Beach Road, Blackwall Reach and Waylen Bay and the renewal of the Foreshore Restoration Strategy has commenced, with the Foreshore Management Plan review expected to be completed in August 2025. We are also updating Natural Area Reserve Management plans for Wireless Hill, Booragoon and Blue Gum and are currently reviewing the overarching City-wide Natural Areas Asset Management Plan.

Carbon sequestration plays a crucial role in limiting climate change by reducing the amount of carbon dioxide in the atmosphere. We have completed research into sequestration projects completed by other organisations and are using these findings to inform the opportunities we can implement. Our new tree management software is currently being populated to form the basis of future sequestration projects across the City through expanding our existing urban forest.

We continued to review and reassess risks in our Bushfire Risk Management Plan to consider climate change impacts and received grant funding of ~\$13,000 through the Department of Fire and Emergency Services (DFES) as part of their Mitigation Action Funding to undertake fuel reduction works at the Piney Lakes Reserve Firebreak. To minimise bushfire risks we have carried out fuel load management works across all City natural areas, with activities reported to DFES through their Bushfire Risk Management System (BRMS).



Policies & Planning

Embed climate change considerations into all City policies, plans, and decision-making processes, ensuring a comprehensive approach to climate resilience.



KEY ACHIEVEMENTS

This year we took several positive steps into embedding climate change considerations into City policies, plans and our decision-making processes. We continued to be informed of the latest climate change science with staff attending various training, workshops and conferences including the annual Climate Emergency Australia virtually.

Policies and Plans Reviewed

- Created the City's first climate risk maps outlining climate-related hazards and risks to aid staff in sustainable planning and completion of activities.
- Launched a sustainable events checklist for staff to implement as we work towards zero waste events.
- Creation of a new Heat Stress Policy and Heat and Ultraviolet Radiation work instruction to help protect staff working in the heat through responsible management of risks and responses associated with heat-related illness and ultraviolet radiation.
- Presented the impact of climate change on our emergency preparation, response and recovery efforts, sharing the Climate Vulnerability, Risk and Opportunities report findings with the Local Emergency Management Committee.
- Climate change risks have been included in strategic and operational risk registers and the City's Business Continuity Plan has been revised to ensure uninterrupted service provision during extreme climate change events.
- The City's Local Planning Scheme 6 review continued with sustainability being a key theme.
- Climate leadership is now an integral part of the employee value proposition at the City of Melville and is included in job adverts, interview questions, our onboarding and in-boarding programs and individual and team performance KPIs.

Policies and Plans under review

- Progressed the City's first Sustainable Events Policy.
- Preliminary work was undertaken on the Environmentally Sustainable Design Policy.
- The City's Bushfire Risk Management Plan and Natural Areas Asset Management Plan are under review.



City's Go Electric Day celebrating the launch of new Fleet EVs

Transport

Transition to a low-emission transportation system for City operations, prioritising active transport, infrastructure and efficient fleet management.



KEY ACHIEVEMENTS

Fleet

With our strategic focus on reducing emissions and achieving carbon neutrality by 2030, the City's fleet transition saw an addition of six electric vehicles (EVs). To further guide this transition, an independent consultant was appointed to produce the City's Fleet Asset Management Plan to outline a strategic and economically viable approach for increasing the diversity of our low emission fleet and plant assets. It will assess the operational, financial, and environmental benefits of transitioning to electric or low emission vehicles, identify infrastructure and resource requirements such as on-site renewable energy generation, and provide a phased implementation strategy to ensure a smooth and effective shift toward a sustainable fleet.

To further reduce emissions and help us reach carbon neutral by 2030, we are now tracking and analysing GPS data from our waste trucks to establish long-term data for modelling optimum and efficient routes for our waste fleet to reduce our carbon footprint and emissions.

Focusing on reducing our staff's contribution to carbon emissions in commuting to and from work, our new ways of working project saw staff strongly support hybrid working arrangements, meaning fewer trips to and from work. Elected Members are also able to remotely attend Council Meetings to ensure they remain connected and engaged while also reducing their transport-related carbon emissions.

This year we continued to support staff with smart riders, electric bicycles and EV fleet cars for work-related travel. We also promoted the Long-Term Cycle Network and Pedestrian Access Ways as a means of active and sustainable transport to the community and transported 2,689 residents requiring transport through our Community Bus Service.

Emissions Update

The City's annual scope 1 and 2 carbon emissions are continually being tracked to provide an indication of our progress towards our carbon neutral target. During the 2024-2025 financial year, the City's emissions were 5,454 tCO₂e, a decrease of 270 tCO₂e from last year. This reduction was achieved through a reduction in the use of gas and fuel through energy efficiency upgrades and our fleet transition to EVs. The City's emissions account for approximately 0.6% of the current total community emissions of approximately 910,576 tCO₂e.

Scope 1 are emissions which occur directly at the source of use and from assets owned and controlled by the City, some examples include: Petrol and diesel used for the City's fleet and small and large plant, gas heating pumps and refrigerants used in air conditioning or heat pump systems.

Scope 2 are emissions from grid supplied electricity purchased and used by the City.

Scope 3 are emissions from City-initiated activities but occurring from sources the City do not own or directly control, for example the emissions produced by City suppliers and subcontractors in supplying goods or services.

Scope 1 and Scope 2 Emissions (tCO₂e)

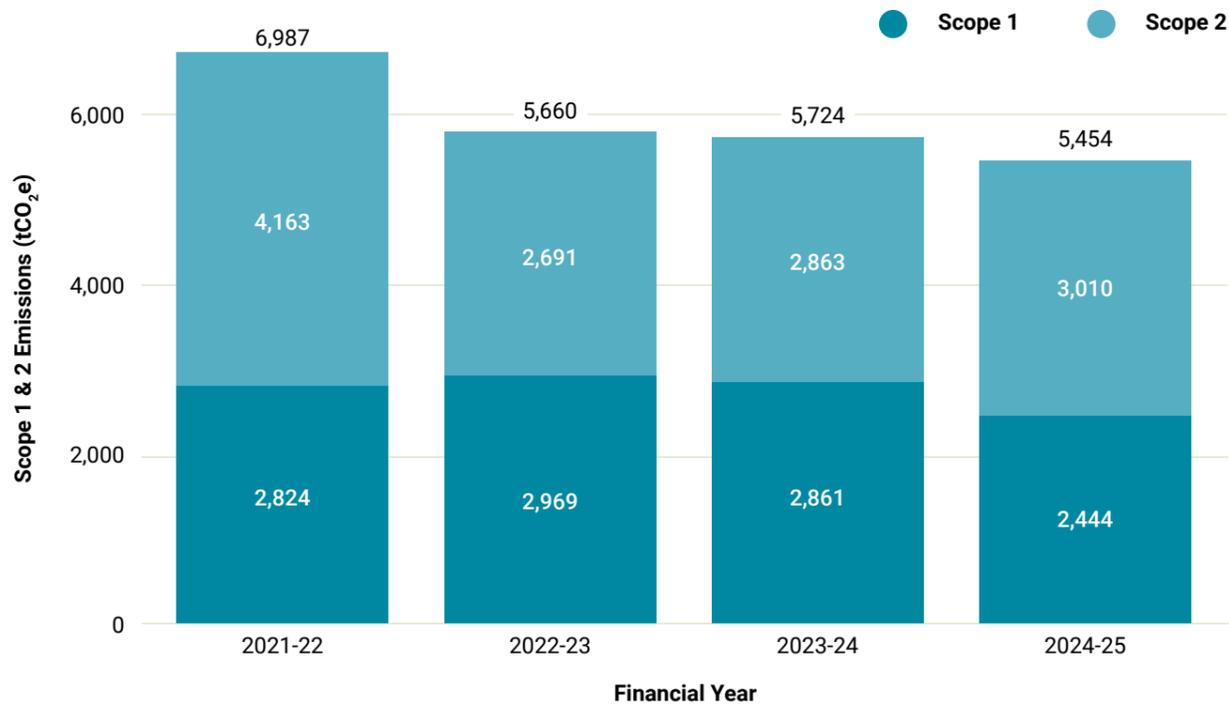


Figure 1: The City's scope 1 and 2 emissions showing progress over the last four financial years

City Energy Usage

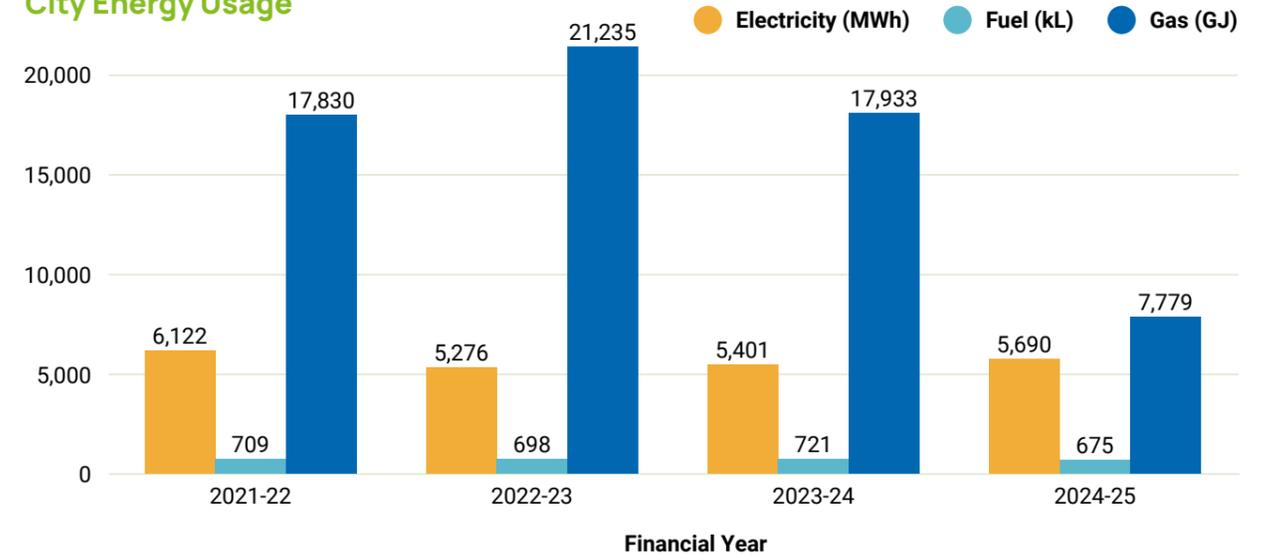


Figure 2: Break down of energy usage across the organisation over the last four financial years

A reduction in gas consumption across the City's facilities between the 2023-2024 to 2024-2025 financial years is primarily due to the temporary closure of gas-heated swimming facilities at LeisureFit Booragoon during refurbishment, and the transition from gas to electric heating at the Civic Centre. Fuel consumption also declined as part of the City's fleet transition, with petrol vehicles being replaced by electric vehicles. These electrification initiatives have contributed to an increase in electricity use, reflecting the City's shift towards more sustainable energy sources.

Looking Ahead – 2025-2026 Corporate CAP Priorities

Key priorities include:

- Continue to review the City's scope 3 inventory and select scope 3 boundaries.
- Continue the implementation of grant-funded projects involving additional Fleet EV Chargers, renewable energy solutions and energy efficiency upgrades that will reduce emissions and energy costs.
- Continue ongoing collaboration with our advocacy and grants specialist team for advocacy and grant funding opportunities aligning with our key areas of focus and will attend the State Government and National General Assembly in Canberra in November 2025.
- Launch The Adaptation Game (TAG), a board game for staff and the community to improve their understanding of climate change risks in the Melville area and how to respond and adapt to future climate scenarios. The game builds confidence and capacity, encourages collaboration and knowledge sharing, so players feel they are prepared for the impacts of climate change now and into the future.
- Investigate lifecycle emissions to potentially replace the Sustainability Values Test within our business case templates.
- Establish a new Portfolio Management Office (PMO) to provide greater oversight and governance for all proposed and planned City projects and programs.



City of Melville Mayor Katy Mair, CEO Gail Bowman, City staff and community members planting at the EcoHub

Community CAP Progress

The City's first Community Climate Action Plan (CAP) was shaped by extensive stakeholder engagement including input from the Community Climate Action Reference Group (CARG), and draws upon findings from the City's 2023 Climate Vulnerability, Risks and Opportunity Assessment report. The Community CAP identifies 57 actions, across 7 key themes, and provides a comprehensive climate action roadmap, outlining how the City is supporting our community, and facilitating progress to net zero by 2050. The Community CAP was endorsed by Council in October 2024 and launched to the community in December 2024.

In addition to identifying clear actions to be undertaken by the City, the Community CAP also identifies opportunities to accelerate action within the community, highlighting how residents, businesses and community groups can also take meaningful action to reduce emissions. A collaborative approach is essential to build resilience and adaptive capacity to climate change, on our collective journey to net zero emissions by 2050.

The City of Melville's 2023 Community Scorecard and Wellbeing survey demonstrated that residents score our climate action efforts positively, with specific areas of focus identified, to help achieve our community's aspiration of a clean, green, sustainable City.

MARKYT® Community Scorecard and Wellbeing Survey Results 2023



79% of residents positively rated our efforts to adopt and promote sustainable practices to address climate change



86% residents positively rated our conservation and environmental management



87% residents positively rated our efforts to maintain and enhance the river and foreshore

*Data source: MARKYT® Community Scorecard and Wellbeing Survey Results 2023.

Climate Change Leadership

Demonstrating climate change leadership through initiatives and strategic partnerships.



KEY ACHIEVEMENTS

- Advocate for and demonstrate climate leadership.
- Identify ongoing roles and responsibilities for community collaboration.
- Support community-led climate action.

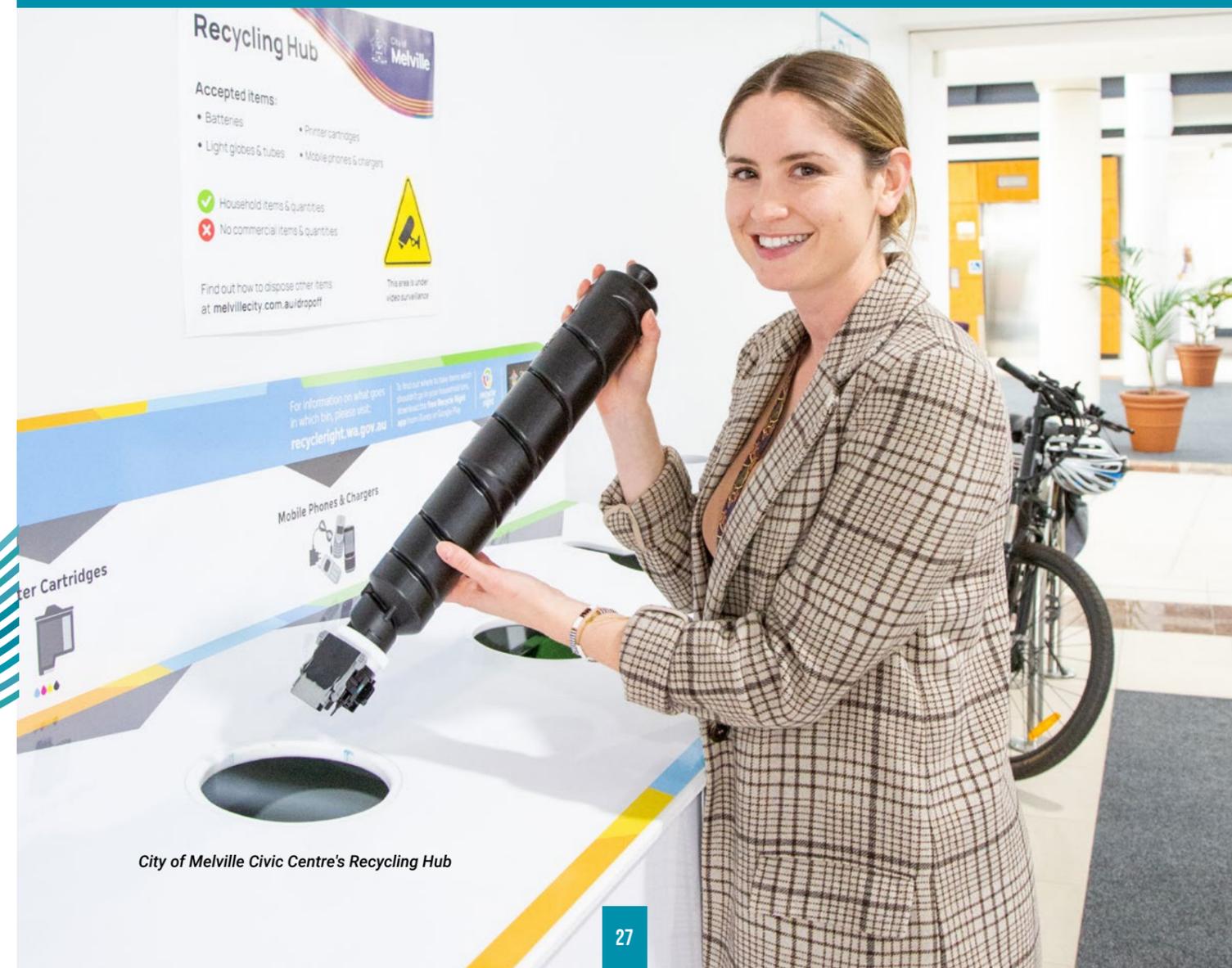
Effective climate action is a shared responsibility, and we acknowledge that our community is one of our greatest assets. In reviewing the framework through which the City can best support the community to reach net zero emissions by 2050, a Climate Action Advisory Group (CAAG) was established. The purpose of the CAAG is to provide advice to the community, and to help drive grass-roots action, community capacity building, and positive behaviour change within the climate action sector.

We continued to maintain and strengthen our working relationships with Carbon Positive Australia, Murdoch University, Melville City Climate Action Network (MCCAN), Bottle Top Hill, Piney Lakes Community Garden and the City's 'Friends of' groups. Meaningful and ongoing engagement with these important community and industry representatives helped determine synergies, enhance offerings and identify future opportunities for collaboration. Our Sustainable Melville Grant funding saw \$14,721 funding allocated to complete a variety of community-led projects and events, with a focus on sustainable living, local food production and promoting and protecting local biodiversity.

The City's EcoHub provided a welcoming and flexible space for our active community to connect, collaborate and learn about how to take action towards a more sustainable future. Our community facility continued to model examples of best practice sustainable living, demonstrating gardening for biodiversity, waste avoidance principles and local food production, with recently installed raised garden beds now home to seasonal produce and dwarf citrus trees. We also developed a dedicated community nursery space to further enable participatory learning opportunities for our diverse community and to enhance integration with our existing early learning, nature play area.

In conjunction with the development of the Community CAP, the EcoHub's annual events program planning reflected a refined emphasis on enabling connection, enhancing knowledge and awareness, and inspiring and empowering our community to take climate action. Under the Community CAP themes, several new and updated campaigns, events and workshops were developed. Following the Community CAP endorsement, a total of 175 programs were delivered, reaching more than 5,550 community members. Collectively, EcoHub's community events program focused on encouraging positive behaviour change within our community, promoting local and meaningful action towards sustainability, reconciliation and pro-environmental outcomes.

Attendance and community feedback indicated this refined program focus was exceptionally well received. Our early learning and inter-generational programs have continued to thrive, with a 132% increase in attendance from last financial year necessitating an increase to three sessions per week to accommodate this demand. The EcoHub also held its first full year of school holiday programs, hosting 39 events and reaching more than 1,000 attendees, and proudly delivered the second annual Eco Action Expo event, which attracted more than 800 attendees and stallholders. Additional to our internal programs, the EcoHub has seen a 35% uplift in external bookings, welcoming new connections with organisations such as Australian Youth Climate Coalition, Keep Australia Beautiful, United Plant, and Dream it Forward (Alike WA), firmly establishing the EcoHub as a desirable location and key resource, and the City of Melville as an industry leader in facilitating community climate action.



City of Melville Civic Centre's Recycling Hub

Resilience

Building a resilient community and infrastructure capable of withstanding the impacts of climate change.



KEY ACHIEVEMENTS

- Partner with Governments and external agencies to improve communication and emergency response during extreme events.
- Climate change risk education and support, with a focus on vulnerable and at-risk residents.

Enhancing community awareness, understanding of and our community's collective ability to respond to extreme events is an important first step in developing community resilience in the face of ongoing climate change. The City proactively engaged in collaborative extreme event forward planning sessions with Government Agencies and Emergency Service Departments to enhance our ability, and to help build community capacity to effectively respond to extreme events.

Working with the Department of Communities, the Cities of Cockburn and Fremantle, and the Town of East Fremantle, the City of Melville's Local Emergency Management Committee endorsed a Local Emergency Relief and Support Plan which clearly outlines our communication protocols, identifies evacuation centers and lists important contacts in the event of an emergency evacuation, ensuring we are prepared for emergency situations.

We reviewed education resources for at-risk residents and First Nations communities in preparing for extreme climate events such as storms, floods, and heatwaves, and developed accessible and inclusive educational hazard awareness resources, which will be made available to the community in the lead up to high-risk seasons. We refined the City's Crisis Communications Plan to ensure our community is well informed on relevant emergency updates and able to respond effectively.

The First Nations Advisory Group process was endorsed by Council, with the view to establish an Advisory Group. This Group will help guide future engagement with First Nations communities, facilitating culturally sensitive consultation, enabling the City and First Nations communities to understand the impacts of climate change on First Nations people, Culture and Connection to Country.

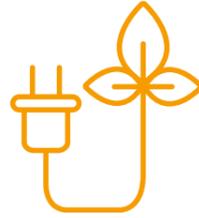
To further assist the community's understanding and preparations for the effects of climate change, we began developing The Adaptation Game playfully named TAG. This hyper-localised, scenario-based board game allows players to create their own place-based storylines that humanise the concept of disaster planning and climate change, such that players can identify meaningful, practical, and actionable ways to build resilience within their homes and communities. This exciting project will be launched during the following financial year.

National Reconciliation Week
Planting on Country at
Attadale Reserve



Energy

Transitioning to more sustainable energy sources to reduce greenhouse gas emissions.



KEY ACHIEVEMENTS

- Energy kits enable the community to undertake home or business energy assessments.
- Encourage ESD and green building design through education, communication and planning.
- Western Power's community renewable energy and storage programs.

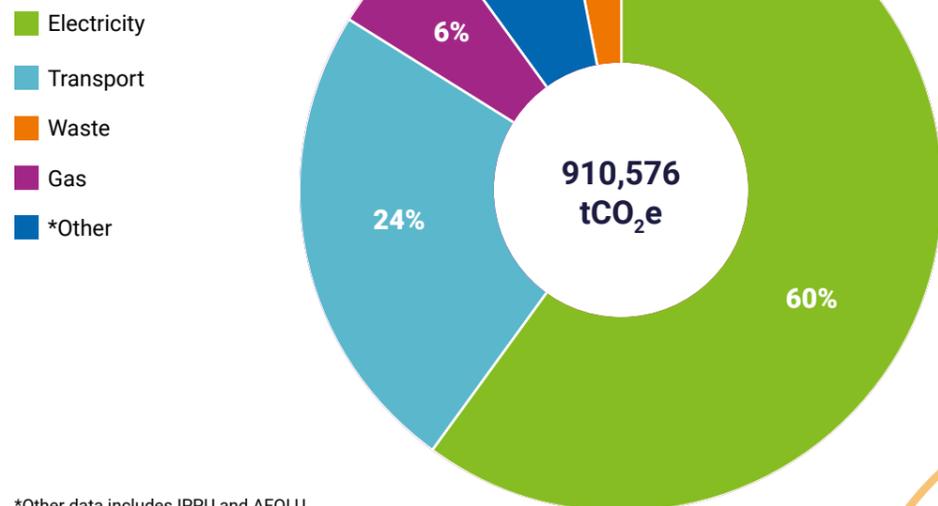
The community's emissions profile below provides a great snapshot of our collective emissions, including all residential, commercial and industrial activities for 2024-2025 financial year, which amounted to 910,576 tCO₂e.

The City of Melville's community emissions profile is derived from a combination of utility-provided data (electricity, water and gas), Resource Recovery Group waste data, and the Snapshot Climate Tool developed by Ironbark Consulting providing transport, fugitive, Industrial Processes and Product Use (IPPU), and Agriculture, Forestry, and Other Land Use (AFOLU) waste data.

The top three emissions sources are:



Figure 2: City of Melville Community Emissions FY2024-2025



*Other data includes IPPU and AFOLU.



The highest sub-sector of the community contributing to these emissions is electricity from commercial uses (32%), followed by electricity for residential use (29%), then emissions from road transport (24%) and residential gas use (3%).

To encourage green building design and energy efficient guidelines for new homes we partnered with Switch Your Thinking, who have released a 20-page brochure on Building an Energy Efficient Home. These helpful guidelines are aimed at developers and homeowners alike, to build green, energy efficient, climate resilient homes for the future. Working with Switch Your Thinking through the Energy Efficiency Pilot Program, our community was able to access DIY Home Energy Audit kits from City libraries. Residents, renters and local businesses can borrow these kits to measure their energy and water usage efficiency in their homes or businesses.

We delivered and provided in-kind support for educational events, workshops and practical initiatives focused on promoting sustainable practices, renewable energy solutions, and encouraging positive behaviour change towards low emissions living. EcoHub proudly hosted Melville City Climate Action Network (MCCAN)'s inaugural Electrify Melville City Expo, a community-led event promoting the benefits of electrification.

As we continue to explore options to install community accessible renewable energy and storage solutions, Western Power is collaborating with local governments to install community batteries across the Perth metropolitan area with support from the Australian Renewable Energy Agency (ARENA). Western Power is undertaking community engagement for two potential sites in the City for community batteries which would be funded through the Federal Governments ARENA grants program. Further information and the results of this engagement will be released in due course.

Transport

Promoting sustainable forms of transport, including low-carbon solutions and infrastructure to reduce the environmental impact of mobility.



KEY ACHIEVEMENTS

- Community education on active and public transport options.
- Embed climate change resilience into road and pathway maintenance.
- Support electric mobility uptake in the community.

A comprehensive Walk and Ride Plan that encourages and enables people to be able to shift to more sustainable transport options such as walking, riding and using public transport has been developed. This provides a framework to evaluate our existing infrastructure and highlights key actions to facilitate community uptake of active transport. Considering and mitigating common barriers to positive behaviour change is critical when developing and implementing projects that promote sustainable transport options.

Our ongoing focus on the installation and renewal of bus shelters to provide all-season protection to users continues as part of our business-as-usual activities. Additionally, the City has achieved disability compliance at numerous bus shelter sites, and as part of our Tree Expansion Program is proactively planting trees at bus stops throughout the city to provide shade, reduce urban heat island effect and increase urban forest tree canopy. These are just a few actions the City is undertaking to address the common barriers to community uptake of active transport.

Embedding climate change adaptation considerations into road and pathway infrastructure planning and construction saw two major projects completed. The recently delivered Ogilvie Road Streetscape Upgrade ensures improved aquifer recharge for the area through the use of permeable paving and under road soaks. Going forward, permeable paving options will now be used in all applicable projects.

The City has also supported the increasing use of electric vehicles within the community by installing three new public-facing Electric Vehicle (EV) charging stations. These were installed with grant funding from the Australian Renewable Energy Agency (ARENA) as part of ARENA's Driving the Nation Program in collaboration with the WA State Government and WA Local Government Association (WALGA). The EV charging stations went live early-January 2025, and we have recorded a steady usage rate across all three sites at the Civic Centre, Melville and Booragoon LeisureFit centres.



Riseley Street road mural by local artist Joanna Brown



Food

Promoting climate-sensitive food choices to enhance environmental, social and economic resilience.



KEY ACHIEVEMENTS

- Food education programs for climate sensitive food choices and waste reduction.
- Promote and encourage local food production.

Following the Community CAP launch, new community education programs focusing on climate sensitive food choices and minimising food waste have been developed. New workshops and resources promoting the benefits of seasonal produce-based cooking and gardening have been well received, appealing to a diverse cross-section of the community. Tailoring these learning opportunities in an age-appropriate manner and targeting specific cohorts has seen active engagement across all ages, from toddlers, school children, youth and adults alike.

A new feature was added to our monthly eNewsletter in collaboration with the Piney Lakes Community Garden – highlighting what produce can be planted and harvested each month, and a seasonal recipe to make from home grown produce.

We also actively focused on promoting local food production to reduce our community's carbon footprint and to help build resilience in the face of climate change. EcoHub hosted a number of new gardening workshops, emphasising sustainable gardening practices to encourage growing food at home in a cost-effective and waterwise manner. Community feedback after these events indicated a significant appetite for these sessions, which will help inform future partnerships and programing of our food-focused events and workshops.

Community members in the Piney Lakes Community Garden during the Eco Action Expo



Waste

Implementing comprehensive waste strategies to reduce landfill waste and participating in the circular economy.



KEY ACHIEVEMENTS

- Community education for waste reduction and avoidance.
- Advocate for waste reduction leadership from the State and Federal Government.

The City's general waste reduction and avoidance programs highlight opportunities for both celebration and potential improvement. The FOGO (Food Organics, Garden Organics) program continues to be a highly successful waste recovery and circular economy initiative, turning an average of 21,000 tonnes of organic waste each year into compost for commercial and community resale, and is used by the City as a soil improver during tree planting within City verges, parks and reserves.

Our recycling volumes sit at 8,679 tonnes, with a contamination rate of 18.6%, slightly higher than previous years, but still among the best rates in the State.

The City's pre-booked verge collection service continues to be highly utilised by the community throughout all months of the year. This service complements circular economy principles and is accompanied by rehome, repurpose, and gifting outcomes. To ensure the pre-booked verge collection service meets our community's needs, the City undertook a survey and focus group to help enhance service delivery. Results from this engagement recommended improvements to communication and more information concerning where verge waste goes and how much is recovered. This information has been built into our FAQ's section on the pre-booked verge collections webpage.

Our e-waste drop off days in July 2024 and January 2025 saw more than 1,000 vehicles dropping over 20 tonnes of e-waste and 30 tonnes of hazardous waste. In response to the growing e-waste volumes, the City increased residents' e-waste disposal limits via the pre-booked verge collection system, promoted the free Household Hazardous Waste (State funded) scheme available all year in nearby local government areas and added an additional yearly e-waste drop-off event in December.

Community and volunteer-led waste avoidance initiatives such as monthly Bottle Top Hill events, Repair Labs, and Social Textiles continued to be popular among our community and demand for waste-focused rebates and subsidies continued, with the City providing 54 compost rebates, 23 worm cafe subsidies, 24 cloth nappy rebates and 68 reusable menstrual product rebates. Community education campaigns and targeted initiatives and resources to promote circular economy principles saw several events take place at the EcoHub, including but not limited to, Loose Parts Play, Clothes Swaps, 'Buy Nothing' events and markets, clean up kits and a community-led Bunting Library. Several school visits were completed to deliver sustainable waste management initiatives to young people and educate them on practical ways they can minimise waste while increasing their recycling and reusing efforts.

Greening

Collaborating with the community to increase biodiversity within both natural and urban green spaces.



KEY ACHIEVEMENTS

- Targeted tree planting efforts in low canopy cover communities.
- Community education, promoting urban greening and the preservation of native biodiversity.
- Support community-led re-vegetation efforts.
- Maintain and enhance biodiversity corridors for the preservation of the City's flora and fauna.

Greening our City continues to be a key focus area to both adapt and mitigate climate change impacts. Residents, businesses and those who visit our City place a high level of importance on increasing our urban forest canopy, protecting and enhancing our natural areas and preserving native flora and fauna. The City's Urban Forest Strategy review was endorsed by Council in October 2024, with a focus on prioritising greening initiatives and increasing planting efforts in areas with the lowest tree canopy cover.

Our Verge Tree Request program saw 571 residents request a free verge tree, resulting in 690 trees planted along City verges while our Expansion Program planted 1,400 trees throughout parks and verges in 2025. Together these programs have added 2,090 trees, helping to increase canopy cover, reduce urban heat island effect and support local biodiversity. We also gave away 8,500 free native plants to 445 residents and local schools in our annual native plant giveaway.

The EcoHub's environmental education programs continued to be in strong demand, with community members of all ages and abilities participating in a variety of events, workshops, citizen science campaigns, and experiential learning opportunities.

We partnered with Perth Natural Resources Management sector (NRM) to support their ReWild Perth Project and worked with volunteers and the Youth Steering Group to deliver a black cockatoo habitat restoration series. We supported 31 Friends Groups and 23 schools in greening our natural areas, with training, information, provision of plants, site selection support and promotion of community planting days, which equated to more than 10,800 volunteer hours dedicated to greening our City.

We continued to monitor, mitigate and adapt to changing environmental conditions and threats through proactive natural area management, and tailored education and communication campaigns. The City responded to emerging bio-security issues, such as the Polyphagous Shot Hole Borer and the Queensland Fruit Fly, and implemented nature-based solutions and adaptive management practices to ensure the ongoing protection of our natural assets in the face of ongoing climate change.

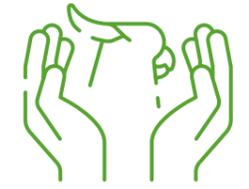
Snapshot of EcoHub's Greening Programs.



10 x early learning nature-based story time and bushwalks – 246 attendees



8 x Gardening for biodiversity workshops – 211 attendees



5 x Encouraging positive interactions events (e.g. wildlife first aid) – 146 attendees



11 x Connection to nature (e.g. guided walks, animal interactions) – 223 attendees



4 x First Nations knowledge – 60 attendees



5 x Volunteering and Citizen Science landcare sessions – 78 attendees

City of Melville Councillor Karen Wheatland (centre) with Climate Action Reference Group (CARG) members and City staff at the dual launch of the EcoHub and Community Climate Action Plan



Looking Ahead - 2025-2026 Community CAP Priorities

KEY PRIORITIES

- Develop community resilience through connection and capacity building programs, such as the Neighbourhood Village Project, and the expansion and community roll-out of TAG.
- Continue to review and improve our emergency management and disaster response capabilities to ensure we are supporting our community when they need it the most.
- Review infrastructure and resources, identifying opportunities to enhance efficiency, build resilience and facilitate positive behaviour change within the community.
- Explore new rebates, subsidies and initiatives that focus on increasing our community's adaptive capacity to future climate change scenarios.



Mural on EcoHub's rainwater tank



City staff at EcoHub



Community members
at the Eco Action Expo

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