

13.1.1 SUSTAINABILITY IN ACTION 2024/25 REPORT

Author:	Sinead Bullock
Author's Declaration of Interest:	Nil
Previous Ref:	OCM 14 February 2023 (Resolution 5) OCM 22 October 2024 (Resolution 269) OCM 10 June 2025 (Resolution 138)
Appendix:	1. Sustainability in Action 2024/25 Report [13.1.1.1 - 26 pages]

PURPOSE OF REPORT

For Council to note the Sustainability Action Plan 2024/25 Report, attached as Appendix 1 of this report. This is the second annual progress report on 'Sustainability in Action 2023'.

BACKGROUND

Council adopted its first Sustainability Action Plan in February 2023. The purpose of the Plan is to minimise the City's environmental impact and to maintain and enhance existing environmental assets, to support a vibrant and sustainable community for the enjoyment of future generations. The Plan includes actions the City will take to progress towards a sustainable future and commits the City to report on the success of these actions and the City's corporate emissions on an annual basis.

Council also adopted its first Emissions Reduction Strategy (ERS) in October 2024. The purpose of the Strategy is to analyse the City's corporate emissions profile and identify opportunities to reduce emissions, with a focus on the most emissions intensive activities. An update on the City's emissions profile and ERS recommendations are included in the attached report.

DISCUSSION

The original Sustainability Action Plan includes statistics for the 2020/21 financial year, where available, as well as actions that address corporate and community outcomes under six key sustainability areas: Biodiversity, Energy, Infrastructure, Transport, Waste and Water. The Plan also includes key achievements, case studies, and future plans or next steps.

The attached Report provides an update to the statistics as of 2024/25 and key achievements or progress against the Plan's actions in the 2024/25 financial year.

Some notable achievements in the Report include a commitment to phase two of WALGA's sustainable energy supply project which means all the City's major energy consuming sites source renewable energy through a three-year aggregate purchase arrangement that has proven to be more cost effective than an independent contract. The City introduced electric vehicles into its fleet and installed fast charging stations at two facilities, with charging available to the public. Council committed to a 30% tree canopy target on land owned and managed by the City and after years of preparation, the City started delivering residual waste to Kwinana Energy Recovery rather than landfill. The facility converts waste into energy which is then utilised by the electricity network.

The City's net corporate emissions have decreased significantly from 6,200 tonnes CO₂ equivalent when the Plan was published with 2020/21 data, to 4,000 tonnes CO₂ equivalent in the 2024/25 Report (-35%).

FINANCIAL IMPLICATIONS

Nil.

STATUTORY IMPLICATIONS

Not applicable.

VOTING REQUIREMENTS

Simple Majority required.

STAFF RECOMMENDATION AND COUNCIL RESOLUTION

OCM 2026/136 Moved Cr Peter Abetz Seconded Cr Serena Williamson

That Council notes the Sustainability Action Plan 2024/25 Report, attached as Appendix 1 of this report.

Carried 11 / 0

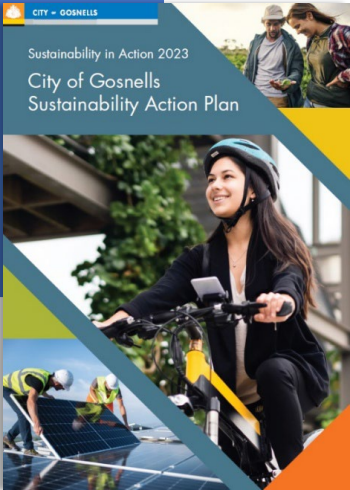
FOR: *Cr Peter Abetz, Cr Kylie Dalton, Cr Saiful Islam, Cr Diane Lloyd, Cr Dillon Mason, Cr Malik Sajjad, Cr Balli Singh, Cr Leah Szczyglak, Cr Serena Williamson, Cr Emma Zhang and Mayor Teresa Lynes*

AGAINST: *Nil*

Sustainability in Action 2024/25 Report

Introduction
The City’s first Sustainability Action Plan was endorsed by Council in February 2023 and included statistics for the 2021/22 financial year, where available.

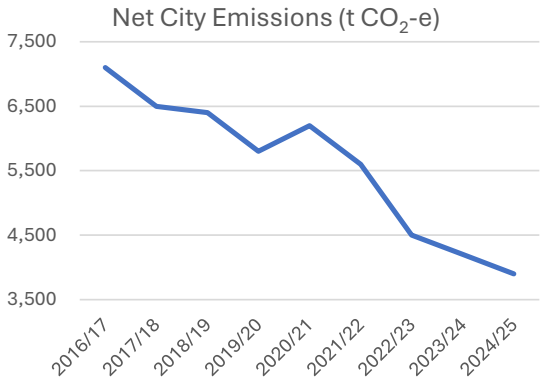
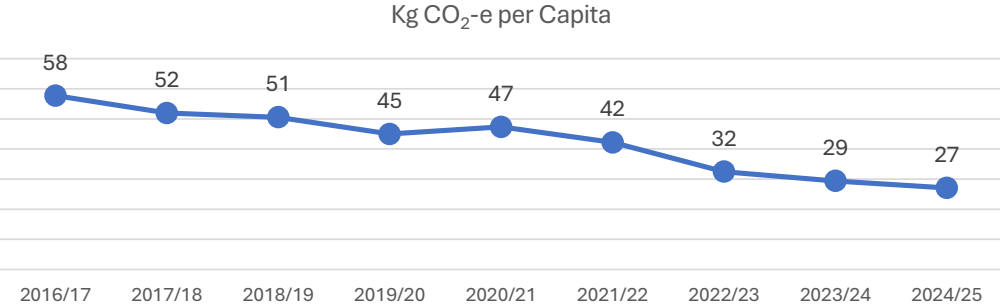
This report details actions taken in the 2024/25 financial year, as well as the associated statistics for the same period.



Corporate Emissions

When the Sustainability Action Plan was first published, the City’s estimated resident population was 131,000 (ABS ERP 2021). The latest population estimate is 144,000 and the population forecast for 2030 is 149,000.

Despite a growing population and greater service level demands, the City’s total net emissions have decreased from over 7,000 t CO₂-e in 2016/17, to 4,000 t CO₂-e in 2024/25 (-44%). On a per capita basis, that equates to 58 Kg CO₂-e per resident in 2016/17, compared to 27 Kg CO₂-e in 2024/25 (-53%).



Financial Year	Net Emissions (t CO ₂ -e)	Year on Year Change
2016/17	7,100	
2017/18	6,500	-9%
2018/19	6,400	-1%
2019/20	5,800	-9%
2020/21	6,200	7%
2021/22	5,600	-10%
2022/23	4,500	-19%
2023/24	4,200	-7%
2024/25	4,000	-5%

Emissions Reduction Strategy

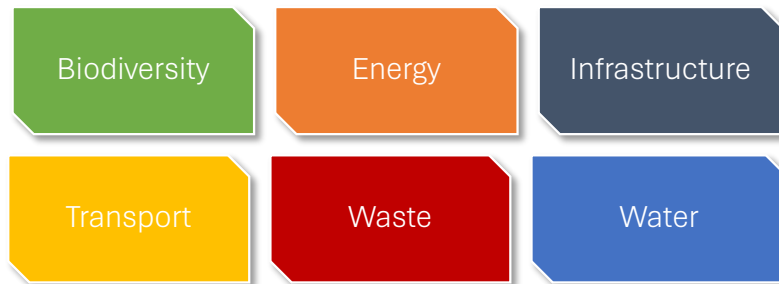
To further explore emissions from City activities, the City produced its first Emissions Reduction Strategy (ERS) in October 2024. The first-year report on the Emissions Reduction Strategy forms part of the Sustainability Action Plan reporting and is attached.

An emissions profile is a record or inventory of greenhouse gasses being released into the air by various sources and activities. The City’s corporate emissions profile details the emissions that result from City operations and are displayed in the ERS Report by scope, source, and asset.

The City’s net emissions do not include emissions resulting from Western Power streetlighting because the assets are not owned or controlled by the City. Consumption of electricity by Western Power streetlighting in the City of Gosnells equates to about 50% of the City’s total electricity consumption.

Sustainability in Action

The actions identified in the Sustainability Action Plan are split into key sustainability areas:



Achievements

Below are some of the achievements from 2024/25.

2024	August	National Tree Day celebrated with community planting at Tom Bateman
	September	Electric cars are added to the City’s complying vehicles list
October		The City starts sending residual waste to Kwinana Energy Recovery
		Smart Drainage program recognised with a National Award for Local Government
November		Council adopts the City’s first Emissions Reducation Strategy
		Sustainable Garden competition winners announced
2025		Electric vehicle charging stations installed at the Civic Centre and Mills Park
	March	Council sets a 30% tree canopy target on City owned and managed land
April		Mary Carroll Park and wetland re-opened following extensive upgrades
		The City commits to phase two of the Renewable Energy Supply project
May		Community Waste Drop-Off Day for household hazardous waste
		Plants for Locals is held at Wilkinson Homestead Museum
June		The City received re-endorsement of its Gold Waterwise Council status
		Give Our Bushland a Boost community planting at Cardington Way Reserve

Sustainability in our Libraries

The City’s libraries also hosted a range of sustainability events for adults and children in 2024/25:

- Scrapyard Trolls with REmida
- Einsteins Australia - Mini Terrariums
- Eco Faeries - Magic of Nature/Eco Heroes
- Kids Nature Club – Mini Beasts/Precious Pollinators
- Upcycled Denim Patch Painting
- Mike and Milli’s Sustainability Show
- Leaves Printing Workshop
- Garden Ecology
- Gardening with Microbes
- Cleaning with Chemistry
- Is an Electric Vehicle Right for You?
- Upcycled Greenhouses
- Beginners’ Guide to Preserving
- Declutter, Donate, and Dispose Responsibly
- Composting, Worm Farms, and Bokashi
- Basket-Weaving Workshop
- Rag Wreath-Making
- Honeycomb Christmas Baubles
- “Less Waste” Christmas
- Second-Hand Success
- Nature-Oriented Home Design



BIODIVERSITY

Corporate

SUBJECT	DETAILS	UPDATE
Bird Waterers	The City will continue to install bird waterers to supply a clean water source for birds all year round.	Following the success of Mills Park, the City installed a new bird waterer at Mary Carroll Park in 2024/25. The ‘cockitrough’ provides a fresh source of water high off the ground for better protection from predators and people. Threatened red-tailed black cockatoos were recorded using the Mary Carroll Park waterer and another waterer was installed at William Lane Park.
Grants	The City will continue to apply for and lobby for grants from State and Federal Governments to support tree planting, urban canopy development and biodiversity focussed revegetation programs.	The City was successful in its application to the Urban Greening Grant fund for two projects in Maddington, Yule Brook College Biodiversity and Habitat at Harmony Fields.
<p><i>Two hundred advanced trees were planted in the verge and surrounds of Yule Brook College and students helped to plant over 2,500 native tube stock plants to create a biodiversity corridor in the school verge. At Harmony Fields, the aim was to plant a mix of trees and shrubs to increase canopy cover, reduce the urban heat island effect and provide habitat for locally native fauna, including threatened black cockatoo species. The project resulted in the planting of 140 advanced trees almost 50,000 tube stock plants.</i></p> <p>[Monitoring - Image 1]</p>		
Bushfire Mitigation	The City, in partnership with the Department of Fire and Emergency Services, will continue to implement fire mitigation strategies to reduce the fire risk within the district.	In 2024/25, the City received Mitigation Activity Fund support of \$125,000 to complete 19 risk reduction treatments.
Canopy	The City will monitor urban canopy and tree planting to understand canopy changes and guide strategic planning.	Following a four-year gap, State Government released new data in late June 2025. The City will process this data in 2025/26.
Green Space Planning	The City will continue to implement hydro zoning and eco zoning to reduce the amount of irrigated turf and increase the areas of mulched tree planting.	The City's Green Space Planning project at Bracadale Park was completed in 2024/25 and Dunnell Park commenced.
Greening Gosnells Strategy	The City will implement the Greening Gosnells Strategy, which aims to identify locations devoid of canopy, reduce the urban heat island effect and improve amenity for residents.	The year two progress report on Greening Gosnells was received by Council.
Habitat Restoration	The City will continue to work on restoration projects that enhance habitats and prevent any further riverbank or sediment loss.	The Southern and Canning River Confluence Foreshore Rehabilitation project continued in 2024/25.

Public Open Space (POS) Strategy	The City will continue to implement the Public Open Space Strategy to enhance the effectiveness of POS.	Wilpon Park was extended and landscaped and a house was demolished to extend Brushbox Park. Works commenced to install an underground drainage storage system at Limbee Park prior to development of the open space.
Street Tree Policy	The City will continue to implement the Street Tree Policy objectives, to guide planning and maintenance of street trees.	In 2024/25 the City received over 300 resident requests to remove trees, 80 tree removals were opposed.
Trees and Urban Canopy Policy	The City will continue to implement the Trees and Urban Canopy Policy objective of expanding tree canopy on City land.	Council committed to a 30% tree canopy target by 2040 on City managed land in 2024/25. The City planted over 3,000 advanced trees in 2024 and 2,600 in 2025.

BIODIVERSITY

Community

SUBJECT	DETAILS	UPDATE
Bushfire Mitigation	The City will continue to issue Annual Fire Hazard Reduction Notices and conduct firebreak and fire hazard inspections.	In 2024/25, the City completed 24,115 inspections, resulting in 374 cautions and 43 infringements.
NEW ACTION! Community Education	The City will help the community learn more about the local environment and support residents to improve biodiversity in their own backyards.	The City and Switch Your Thinking hosted a variety of workshops, such as: Garden ecology, Gardening with soil microbes, Composting and worm farms, Reducing water use through healthy soils, Habitat project show and tell, Wildlife friendly gardens, and the Eco Walks and Talks series - taking residents through guided, educational nature experiences.
<p><i>The City hosted a Sustainable Garden competition in 2024/25, with prize money provided by event sponsor The Retic and Landscape Shop in Southern River. Resident Sarah Clarke won the competition with a "pollinator haven", demonstrating that native and low water plants can create a habitat for wildlife in small verge spaces.</i></p> <p>[Monitoring - Image 2]</p>		
Plant Giveaway	The City will hold an annual plant giveaway.	Plants for Locals was held in May 2025 at the Gosnells Museum, Wilkinson Homestead. Residents were given a total of 10,000 native plants, free of charge.
Bushfire Mitigation	The City will continue to enforce the Bush Fires Act 1954, in relation to preventing and responding to bushfires, and the City of Gosnells Public Health Local Law 2017, which prescribes the offences related to the burning of rubbish, refuse or other material.	In 2024/25, the City issued 16 cautions and 1 infringement.

<p>Community Planting Days</p> <p>The City will continue to host and support community planting events.</p>	<p>With the support of Armadale Gosnells Landcare Group and volunteers, National Tree Day in 2024 resulted in 10,000 native seedlings being planted at Tom Bateman Reserve. Give our Bushland a Boost was hosted at Cardington Way Reserve in 2025 with 5,000 native seedlings planted.</p>
<p>Free Verge Trees</p> <p>The City will continue to run its annual program of promoting, providing and planting free verge trees in response to resident requests.</p>	<p>The City promoted the 2025 free tree program through its media channels, encouraging residents to apply for street trees. The number of inbound customer requests resulting in verge tree planting has increased over the years - from 290 in 2021 to 420 in 2025.</p>
<p>Key Community Environmental Support Groups</p> <p>The City will continue to work with the South East Regional Centre for Urban Landcare (SERCUL), an independent Natural Resource Management body.</p>	<p>SERCUL is a key partner in the \$10 million Cleaning up the Canning initiative and directly responsible for delivering on Weed Control and Revegetation in the catchment as well as coordinating the Sediment and Litter Control and Prevention Project.</p>
<p>Tree Sponsorship</p> <p>The City will explore the viability of introducing a tree sponsorship program.</p>	<p>The Community Forest at John Okey Davis Park is now an ongoing project with applications open year-round and planting occurring every winter.</p>

Monitoring

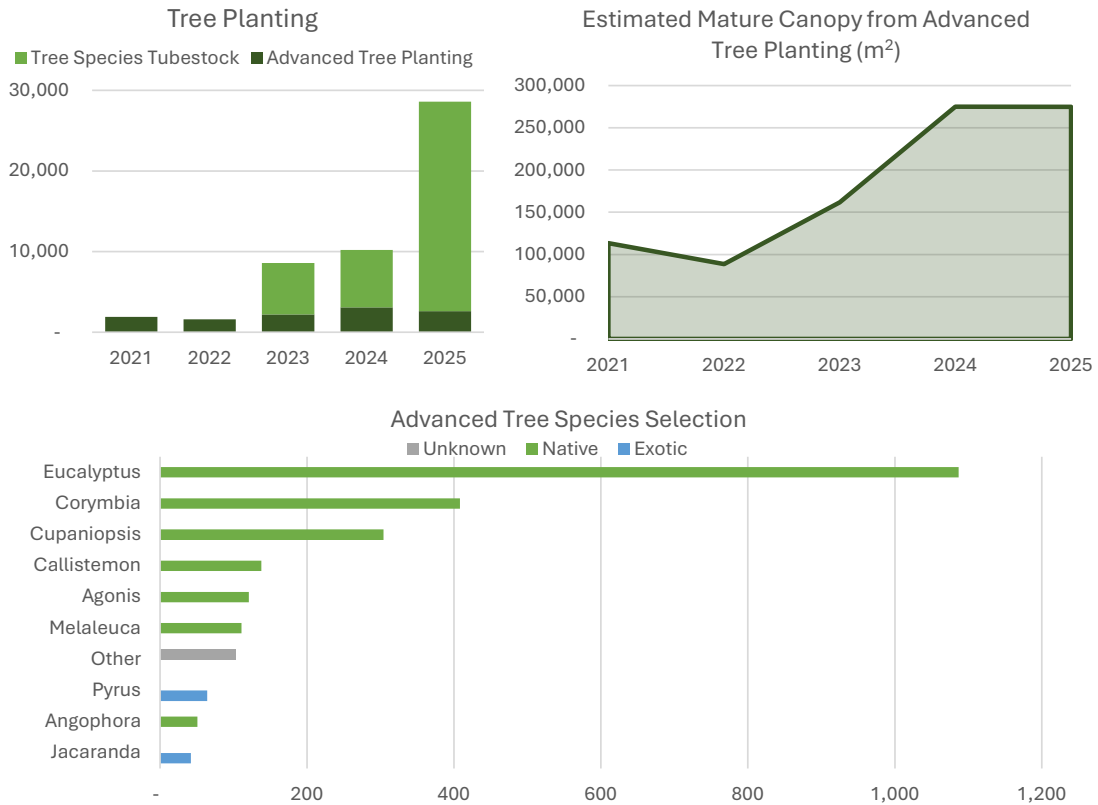


Image 1 - Urban Greening Grant project at Yule Brook College



Image 2 - Sarah Clarke's competition winning Sustainable Garden



ENERGY
Corporate

SUBJECT	DETAILS	UPDATE
Energy Audits	The City will continue to undertake energy audits of its facilities.	Switch Your Thinking completed energy audits on City leased community sporting facilities, with a focus on energy and operational use and the impact of user behaviour.
Energy Saving Infrastructure	The City will continue to seek viable opportunities to retrofit energy saving measures in its facilities such as LED lighting and motion sensors.	A significant project to upgrade the sports lighting at Sutherlands Park to LED commenced in 2024/25. The City applied to the Community Energy Upgrade Fund to replace the gas hot water system at Leisure World with a solar alternative, demonstrating that a \$110,000 investment (50% of total project costs) would result in a reduction of 375 tCO ₂ -e per year. Reducing reliance on gas would also save the facility an estimated \$80,000 per year in utility bills. The application was not supported.
Electric Vehicles	The City will explore cost effective opportunities to introduce electric vehicles into the fleet.	As a result of the Australian Renewable Energy Agency funding for charging infrastructure, the City was able to introduce eight electric vehicles into the light fleet in 2024/25.
<p><i>The City's complying light vehicle list includes the MG4 Excite and the MG4 Essence, as well as hybrid models (the Hyundai Tucson and Toyota Corolla) for sites without charging infrastructure. The MG's have a 51 and a 64kWh battery respectively with a range of about 350 to 435 km and they can fully charge within 45 minutes to an hour at the City's charging stations.</i></p> <p>[Monitoring – Image 1]</p>		
Hybrid Fleet	The City will switch its light fleet vehicles to environmentally friendly hybrid models at replacement and continue to investigate the feasibility of a low emissions heavy fleet.	The City's complying vehicles list was updated to reflect a preference for electric light vehicles, or unleaded hybrid at sites where charging isn't available.
Street Lights	The City will continue the systematic replacement of City owned mercury vapour, metal halide, compact fluorescent and high-pressure sodium street light fittings with energy efficient LED.	The City applied to the Clean Energy Future Fund, demonstrating that a \$165,000 investment (23% of total project costs) would expedite the conversion of 600 public lights to LED and support pilot solar public lighting projects, reducing the City's public lighting energy consumption by 50%. The lifetime emissions saving was estimated at almost 1,000 tCO ₂ -e. The application was not supported. The program of replacements continued in 2024/25.

Renewable Hydrogen	The City will conclude a Renewable Hydrogen Feasibility Study to explore the potential for hydrogen-based solutions at the future Operations Centre.	The City investigated the option of hydrogen with a feasibility study in 2023 identifying that it is not currently viable.
Waste to Energy Agreement	City waste will generate significant amounts of electricity through the Waste to Energy plant.	Delivery of the City’s residual waste to the Kwinana Energy Recovery facility began in 2024. The facility is designed to process 460,000 tonnes per year of non-recyclable waste, delivering 38MW of electricity (the equivalent of powering 50,000 Perth households every year).
Sustainable Energy Project (formerly PPA)	The City will support the extension of the Sustainable Energy Project to non-contestable sites and street lighting.	The new contract negotiated under the Sustainable Energy Project allows for the inclusion of street lighting. However, the City's first priority is reducing consumption by encouraging Western Power to upgrade their assets.
<i>According to WALGA, the City offset more than 6,000 tonnes of carbon dioxide equivalent over the initial 3-year contract.</i>		

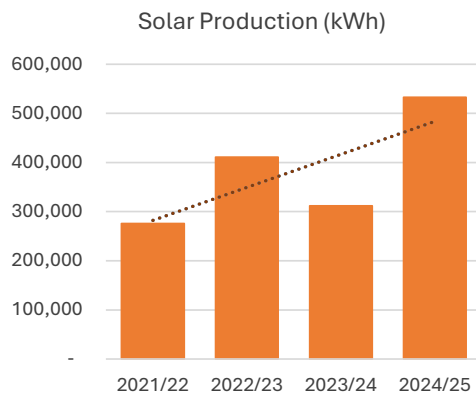
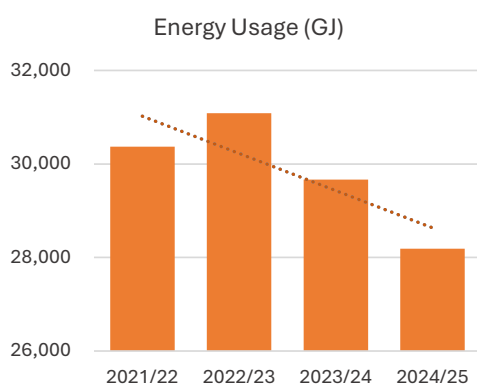
ENERGY

Community

SUBJECT	DETAILS	UPDATE
Community Solar Batteries	The City will continue to support community solar battery opportunities in cooperation with Western Power.	The City is investigating the feasibility of installing a community solar battery as part of the future residential development at Charles Hook Reserve.
Energy Meters	The City will continue to provide a power usage meter, available for loan, at Thornlie Library.	The usage meter was retired and replaced with an energy audit kit at each library with 33 loans in total for 2024/25
Leased Facilities	The City will continue to work with users of leased City facilities to explore options to reduce energy use.	Switch Your Thinking has investigated the power consumption at leased kiosk facilities and prepared recommendations.
Peak Load Warnings	The City, through Switch Your Thinking, will continue to offer free energy efficiency tips and peak load warnings for residents through SMS.	Switch Your Thinking continues to provide energy efficiency tips via its SMS service which sends notifications to more than 1,000 subscribers per month.
Switched on Business Awards	The City will continue to support Switched on Business, which celebrates sustainability actions in local business.	Switch Your Thinking ran two rounds of the Switched on Business Awards during 2024/25, with a City of Gosnells business winning the award in January 2025.
Rewards for Residents and Rewards for Business	The City will continue to negotiate discounts on solar PV, battery storage, energy audits and rainwater tanks for local communities, through Switch Your Thinking.	Switch Your Thinking currently has 21 supporting businesses, 25 sustainable goods and services and 40 unique offers included in its Rewards for Residents Program.

<p>Street Lights</p> <p>The City will continue to advocate for Western Power to be more proactive in replacing its mercury vapour street light fittings with LED, in accordance with Australian Standard 1158.</p>	<p>The City provided feedback to Western Power regarding the Public Lighting Asset Management Strategy and communicated its position with WALGA for advocacy. Western Power commenced a pilot project of replacing non-LED streetlights in select suburbs in the Cities of Kwinana, Melville and Canning.</p>
<p>Switch Your Thinking</p> <p>The City will continue to support Switch Your Thinking to inspire sustainable action in the community.</p>	<p>Switch Your Thinking had its 2025/26 - 2029/30 Business Plan endorsed by its governing body, the South East Regional Energy Group. Switch Your Thinking commenced a statewide Energy Efficiency Pilot Program with support from Energy Policy WA in the Department of Energy and Economic Diversification, which included the provision of high-tech energy audit kits to all libraries plus delivery of workshops on topics including solar panels and batteries, electric vehicles and charging, home electrification and household energy efficiency tips.</p>

Monitoring



INFRASTRUCTURE

Corporate

SUBJECT	DETAILS	UPDATE
Emergency Operations Centre	The City will continue to support the Emergency Operations Centre, which houses Gosnells Bush Fire Brigade and Gosnells State Emergency Service.	During 2024/25, the BFB completed 43 prescribed burns, taking over 2,728 hours to complete.
Drainage Solutions	The City will, where possible, utilise functional landscape treatments in public open space to support drainage systems.	An underutilised drainage sump at the corner of Comrie and Campbell roads, Canning Vale was modified to better support the neighbouring Maladjiny-ap Balyan Boodjar 'Place of Growing' wetland and create a functional space for the community.
<p><i>The area now has: Customised Noongar park name signage; compacted limestone bushfire access / walking track; compacted limestone ridges for fun bike rides; rubbish and dog waste bins; vegetation and weed management; snake habitat warning signs; interpretive signage; and tree planting.</i></p> <p>[Monitoring – Image 1]</p>		
Hester Park Regional Revitalisation Project	Advocate for the reclassification of land in the Metropolitan Redevelopment Scheme from parks and recreation to urban.	The City presented the Western Australian Planning Commission with a draft of a legal agreement to allow the project to commence.
Stormwater Drainage	The City will continue to assess the option of drainage pipe re-lining in lieu of removal and installation of new pipes.	Pipe re-lining to impede tree root intrusion was implemented at four locations in 2024/25.
Shade Sails	The City will continue to install shade sails in playgrounds that lack natural shade and provide shelters in its parks and recreational spaces.	Woodswallow Park in Maddington was upgraded with a new playground and shade sails, as were the new all abilities playgrounds at Gosnells Oval and Mary Carroll Park in Gosnells, and Boyle Park in Orange Grove.
<p><i>The new all-abilities play space at Mary Carroll Park has shade sails that were custom designed with a bird theme by local Noongar artist Tamara Hayden. The picnic area also has shade shelters.</i></p> <p>[Monitoring – Image 2]</p>		
Sustainable Procurement	The City will continue to utilise procurement policies with whole of life purchase considerations.	The City's purchasing policy was updated to include consideration and weighting for local businesses and Australian made products.
Sustainable Development	Peace Park upgrade.	The landscaping, drainage and boardwalk tender for Peace Park was awarded in 2024/25.
Sustainable Development	Blanche Street sustainable housing.	Awaiting rezoning following gazettal of Local Planning Scheme 24.

Sustainable Development	Charles Hook Park improvement and development plan.	Revised concept plan to retain mature trees approved by Council with development to progress following gazettal of Local Planning Scheme 24.
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INFRASTRUCTURE

Community

Cool Roofs	The City will advocate for pale coloured roofs and other low energy/low-cost building measures to be prioritised in new residential developments.	Switch Your Thinking has developed educational materials - available on the City's website - relating to the benefits of pale coloured roofs and other methods to improve the energy efficiency of homes.
NEW ACTION! Local Planning Policy 1.6	LPP 1.6 Industrial and Commercial Development	Requires landscaping plans that include deep soil areas and minimum tree planting requirements.

Monitoring



Image 1 -Maladjiny-ap Balyan Boodjar



Image 2 – Mary Carroll Park shade sails

TRANSPORT

Corporate

SUBJECT	DETAILS	UPDATE
EV Charging Infrastructure	The City will seek opportunities to develop solar powered electric vehicle charging stations at its facilities.	The City installed fast charging stations at the Civic Centre and Mills Park to support the electric fleet.
<p><i>The Schneider brand EVlink Pro DC fast charging stations can charge two vehicles simultaneously. Both sites are powered through renewable energy and there is a charger at both locations available for public charging. Funding for the charging infrastructure was awarded through the Australian Renewable Energy Agency, in partnership with WALGA, and matched by the City through the purchase of electric vehicles for the City's fleet. The project involved upgrades to electrical infrastructure to accommodate the new charging stations.</i></p> <p>[Monitoring – Image 1]</p>		
Network Improvements	The City will make improvements to its road and pathway network, to improve walkability and access to active transport.	Works commenced on the Urban Road Safety Program in the Gosnells Oval precinct, in partnership with Main Roads.
<p><i>Safety treatments include raised platforms, mini-roundabouts and speed humps. These measures will help keep pedestrians, cyclists and other road users safe by encouraging drivers to slow down.</i></p> <p>[Monitoring – Image 2]</p>		
Bike Plan	The City will finalise and implement the City of Gosnells Bike Plan.	The City applied for and was granted 50% funding approval from the Active Transport Fund to connect the shared path along Nicholson Road from the prison precinct to Acourt Road. The preliminary design includes streetlighting and the reduction of the posted speed along the route.
Fleet Management	The City will continue to adopt an approved vehicle list based on emissions (tCO2-e), as well as fleet management practices and logistics to minimise superfluous movements.	The City's complying vehicles list was updated to reflect a preference for electric light vehicles, or unleaded hybrid at sites where charging isn't available.
Planning Policy	The City will continue to implement local planning policies to create future developments that are transit oriented.	The City's Local Planning Scheme No. 24 (LPS24) was submitted to State government for endorsement. The final LPS24 will align with the <i>Planning and Development (Local Planning Schemes) Regulations 2015</i> and the broader State Planning Framework - ensuring the City of Gosnells is well placed to accommodate future population growth and meet housing targets under Perth and Peel @ 3.5 million.

Electric Bikes	The City will continue to provide a bike fleet that includes traditional and electric bikes that are available to staff for commuting, work trips and recreation.	The bike fleet was disposed of during 2024/25 due to battery fire risk concerns.
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TRANSPORT

Community

Active Transport	The City will continue to promote both active transport and TravelSmart opportunities for residents.	Works progressed on stage one of the principal shared path from Tonkin Highway underpass along Seaforth Avenue to Hicks Street.
Electric Vehicle Charging Stations	The City will advocate for electric vehicle charging stations in the district.	The City installed a fast charger for public use at the Mills Park Centre and the Civic Centre.
Public Transport	The City will continue to advocate for improvements in access to public transport.	Metronet continued development of a new train station on the Thornlie-Cockburn Link at Nicholson Road and the elevation of Beckenham station on the Armadale Line.
Walking Groups	The City will continue to support community walking groups.	New paths and missing links in the footpath network were constructed at nine locations in 2024/25.

Monitoring

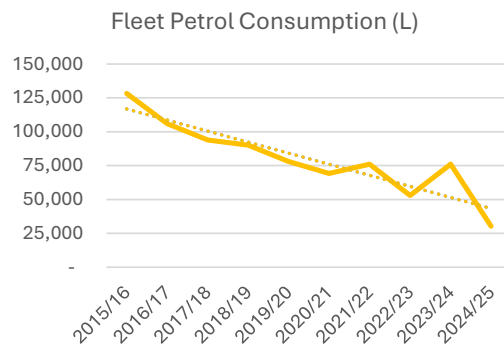
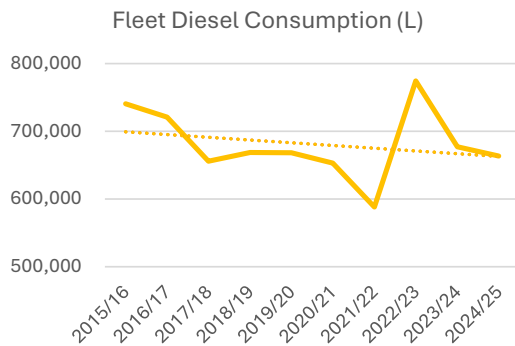


Image 1 – Electric vehicle charging stations



Image 2 – Urban Road Safety Program

WASTE

Corporate

SUBJECT	DETAILS	UPDATE
Waste to Energy	The City will meet its contractual relationship with Kwinana Energy Recovery, for household waste to be converted to energy rather than go to landfill.	The City started diverting household waste from landfill to Kwinana Energy Recovery at the beginning of 2024/25 and the facility subsequently reached the 'first fire on waste' commissioning phase.
<p><i>In the first three months of operation, the facility processed more than 90,000 tonnes of waste, equating to 90,000 tonnes of CO₂-e emissions being avoided. The facility also recovered more the 2,500 tonnes of materials such as steel and aluminium for recycling.</i></p> <p>[Monitoring – Image 1]</p>		
Disposal of Surplus Assets Policy	The City will continue to implement Policy, 4.1.15 'Disposal of Surplus Assets Valued at Less than \$20,000', which enables the reuse of surplus assets, to minimise waste.	The policy was updated to provide specific procedures for Heritage Collection items and certain IT items.
NEW ACTION! E-waste	The City will seek opportunities to dispose of its corporate e-waste sustainably.	No corporate e-waste went to landfill in 2024/25.

WASTE

Community

Litter	The City will continue to encourage residents and visitors to help keep the environment clean and litter free. Littering is an offence under the Litter Act 1979 and the City's Rangers will issue fines to offenders.	The City commenced a program of capturing illegal dumping through the use of covert CCTV cameras.
<p><i>The penalty for individuals dumping rubbish is up to \$5,000 and for businesses or corporate entities it is up to \$10,000. In the first few months of the program, six offenders were prosecuted and sixteen were under investigation.</i></p> <p>[Monitoring – Image 2]</p>		
Community Recycling & Education Centre	Previously referred to as a Resource Recovery Facility, the City will seek to establish a centre to deliver a range of recycling and education services that support a circular economy, such as a re-use shop.	Specialist studies for environmental and heritage approvals at the proposed site continued in 2024/25, including negotiations with State Government agencies to advance land tenure requirements.
Green Waste	The City will continue to manage green waste in two streams. Stream one is collected and mulched for use on City's reserves. Stream two is collected from residents' properties and is recycled for commercial use.	The City collected over 3,000 tonnes of green waste in 2024/25.

Loan Collections	The City will continue to support libraries, which provide a sustainable system of sharing and circulating materials that reduce waste.	The City's Library Services provided 290,000 physical loans and 100,000 e-loans. eLibrary membership increased from 8,000 to 9,500.
Recycling	The City will continue to provide a recycling bin collection service to enable appropriate products to be recycled where possible.	The City collected 7,200 tonnes of household recycling in 2024/25.
Verge Collection	The City will continue to provide a verge collection service. Where possible, recyclable materials are separated at the verge and recovered to minimise the amount of bulk materials sent to landfill.	The City collected over 4,000 tonnes of junk through verge collections in 2024/25.
Waste Education	The City will continue to provide relevant information to improve residents' knowledge of waste streams and recycling options to minimise waste.	Waste & Recycling information in 16 languages was made available at the City's Fusion Festival
Household Hazardous Waste	The City will support the community to dispose of household hazardous waste correctly, reducing harm to the natural environment.	The City held its second community waste drop-off day with 500 cars arriving to the Operations Centre to dispose of waste that cannot be collected with household refuse.

Monitoring

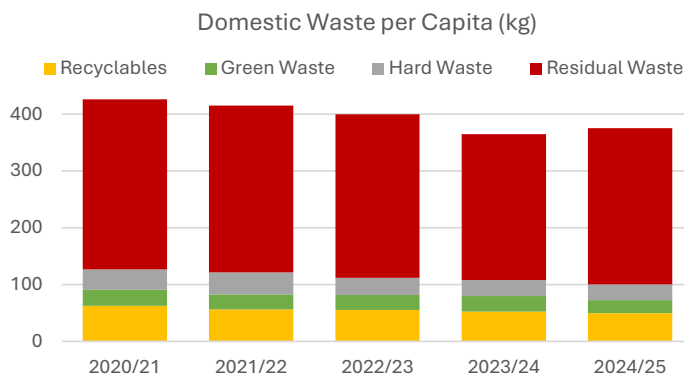


Image 2 – Illegal dumping



Image 1 – Kwinana Energy Recovery

WATER

Corporate

SUBJECT	DETAILS	UPDATE
Waterwise Parks	The City will continue to design parks and reserves to minimise the use of water, through eco zoning, hydro zoning and waterwise species selection.	The City released its Planting Palette which provides information for internal staff and developers to provide a consistent approach to plant selection, including prioritisation of local species, ease of maintenance, reduction in water demand and aesthetic improvements.
Waterwise Council	The City will continue to work with the Water Corporation and the Department of Water and Environmental Regulation to maintain its Waterwise Council endorsement.	The City and the City's aquatic centre, Leisure Word, were both re-endorsed at a Gold Waterwise level.
<p><i>Director Infrastructure, Martyn Glover, was also recognised with the inaugural Waterwise Individual Award (Waterwise Champion) for leading the City in its Waterwise endorsements and driving water saving initiatives, such as the Smart Drainage program and the Green Space Planning program.</i></p> <p>[Monitoring – Image 1]</p>		
Water Consumption	The City will continue to monitor and minimise the water usage at its buildings and facilities.	The City's mains water usage decreased by 2% compared to the previous year and groundwater consumption was 330,000 kL under licensed allocation.
Stormwater Drainage	The City will continue to convert open drains to sustainable living streams and encourage the Water Corporation to do the same with its assets.	Following community consultation and in conjunction with Water Corporation, works commenced on Dunnell Park living stream in 2025.
Subsurface Storage	The City, where practical, will utilise subsurface water storage within public open space to decrease reliance on ground and scheme water.	Drainage works commenced on a project at Limbee Glade, to include underground water storage in cells, with plans for public open space and playground redevelopment.
Irrigation Efficiencies	The City will continue to utilise technology to control irrigation systems remotely. This allows rapid adjustments to irrigation programs to respond to changing weather conditions and reduce unnecessary watering.	The City upgraded Walter Padbury Park with infield smart irrigation infrastructure.
<p><i>The project introduced a new high performance two-wire irrigation controller and communication system, along with variable frequency drives, enabling remote control of the system and synchronised bore operation for more efficient water delivery.</i></p>		

<p>Rivers Advocacy</p> <p>Cleaning up the Canning, formerly referred as the Restoring our Rivers campaign.</p>	<p>As a result of the Cleaning up the Canning advocacy campaign, the City is working with the Department of Biodiversity, Conservation and Attractions; the Cities of Canning and Armadale, and the Town of Victoria Park; South East Regional Centre for Urban Landcare; the Whadjuk Aboriginal Corporation; and the Armadale Gosnells Landcare Group, to deliver projects through the \$10 million commitments provided by the Australian Government's Urban Rivers and Catchments Program.</p>
<p><i>The program includes:</i></p> <ul style="list-style-type: none"> • <i>Drainage Retrofit – transforming stormwater management at four priority sites</i> • <i>Weed Control and Revegetation – restoring degraded riparian areas at six locations across the catchment</i> • <i>Canning River Pools – improving water quality, biodiversity and connectivity through adaptive management</i> • <i>Sediment and Litter Control and Prevention – reducing pollution from construction sites through improved practices</i> • <i>Whadjuk River Guardian – ensuring Traditional Owner participation across all projects</i> • <i>Southern River Modelling – understanding nutrient pathways for better decision-making.</i> <p>[Monitoring – Image 2]</p>	
<p>Irrigation Efficiencies</p> <p>The City will trial the application of wetting agents through sprinkler systems to improve delivery and reduce water usage.</p>	<p>The City converted Jean Garvey Park into an active reserve.</p>
<p><i>The works included installation of efficient irrigation, subsoil drainage, a weather station, iron filtration and fertigation infrastructure to improve water management, turf performance and longer-term water efficiency. The project was featured in Irrigation Australia's quarterly publication, The Overflow.</i></p> <p>[Monitoring – Image 3]</p>	
<p>Managed Aquifer Recharge</p> <p>The City will investigate managed aquifer recharge opportunities.</p>	<p>At the end of 2024/25, the City was in the process of preparing a request for quote for Sutherlands Park Water Security Assessment and Options.</p>
<p>Bore Renewals</p> <p>The City will continue to implement a replacement program for old bore equipment to achieve greater efficiencies in water and energy use.</p>	<p>The City budgeted \$300,000 for the repair and replacement of bore pumps across various parks in 2024/25.</p>

WATER

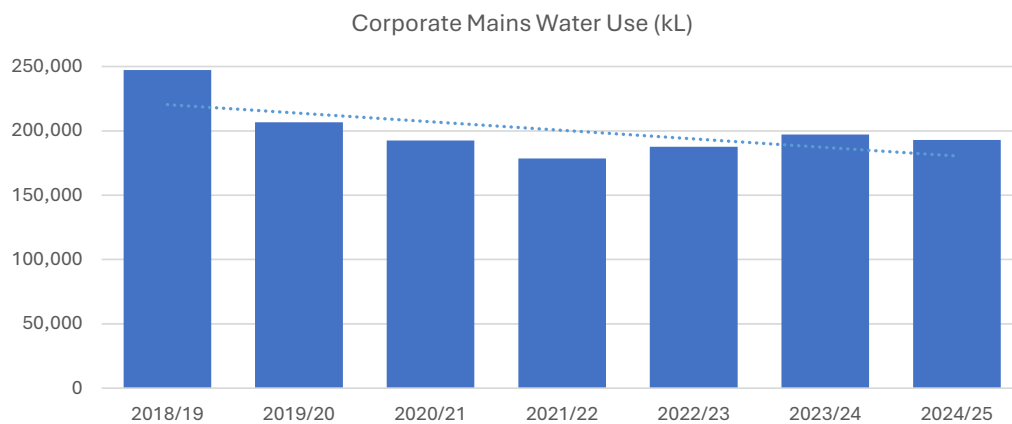
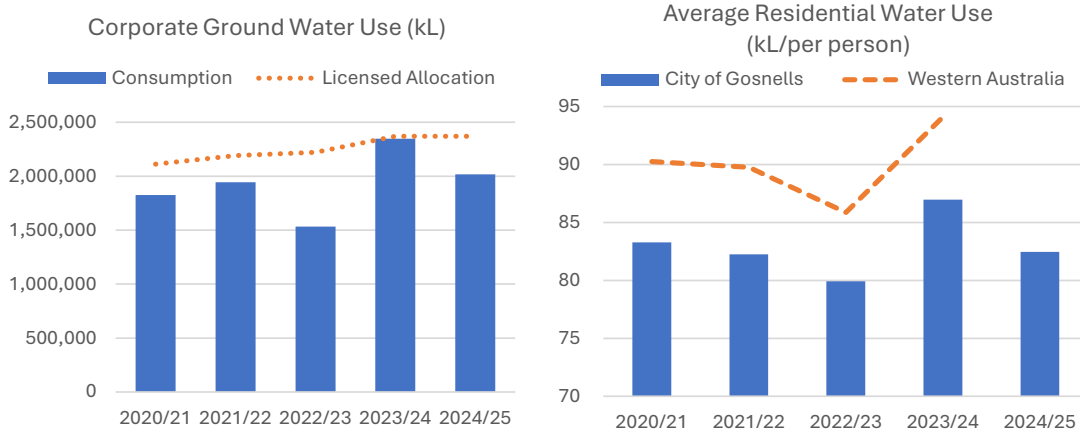
Community

Waterwise Communities	The City will support and encourage a Waterwise Community.	Switch Your Thinking launched energy efficiency toolkits with practical tools and resources to support the reduction of household water use. Kits were made available from City libraries.
Waterwise Communities	The City will support and encourage a Waterwise Community.	The City finalised implementation of the Mary Carroll Park Vision Plan.

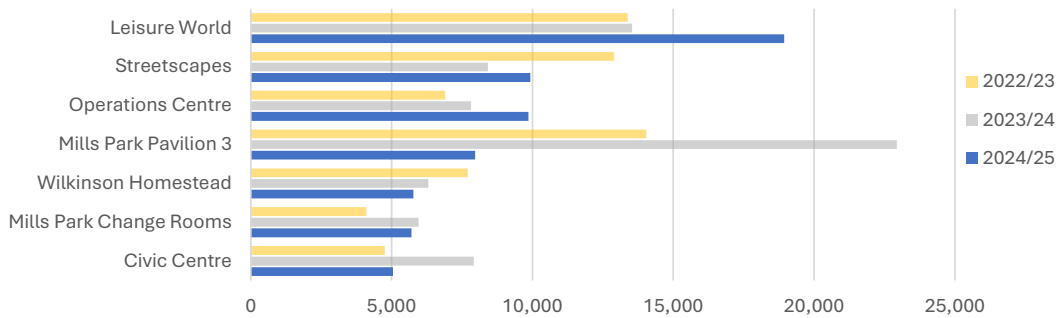
The \$3.5million Mary Carroll Park upgrade has created opportunities for residents of all ages and abilities to connect with and learn about the unique environment of Mary Carroll Park and its Wetlands, while helping to protect it for future generations. The project includes pedestrian bridges across the wetlands and the Unice Robinson Lookout viewing platform, along with interpretive signage helping to realise the vision of Mary Carroll Park as a living classroom.

[Monitoring – Image 4]

Monitoring



Biggest Mains Water Consuming Assets in 2024/25 (kL)



Top Decreases in Mains Water Consumption (kL)

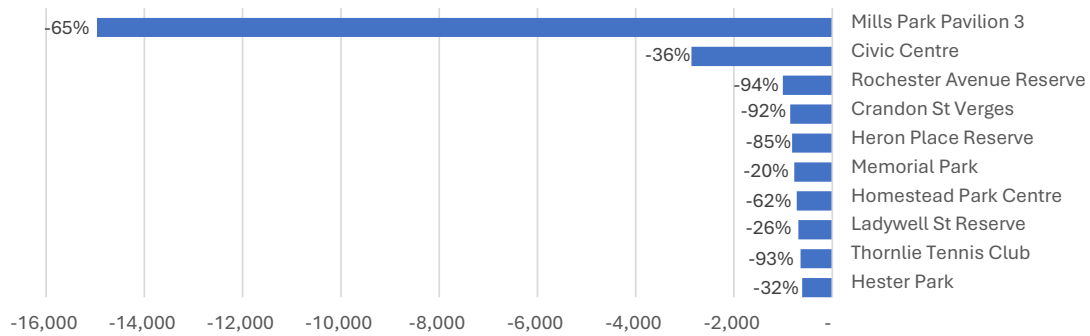


Image 1 – Waterwise Champion, Martyn Glover

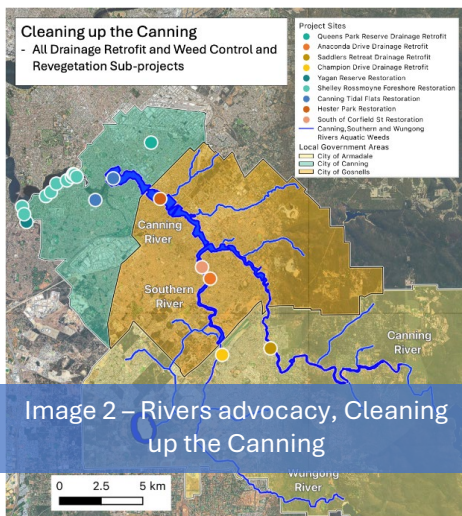


Image 2 – Rivers advocacy, Cleaning up the Canning



- Key features of the upgrade**
- Removal of outdated old concrete skate ramp
 - Roll-on kikuyu turf
 - Installation of a subsoil drainage system
 - Wetting agent injection unit
 - Iron filter unit installed which is housed in a Colorbond-covered enclosure on a concrete pad.

NEW IRRIGATION SYSTEM FEATURES
Features of the new irrigation sprinkler system, which was integrated with the existing infrastructure, includes:

- A bore fitted with a Grundfos SP60-8 15kW pump, electrical cabinet and SDS 50 controller
- 100mm PVC mainline was laid with 450mm soil cover
- 80mm PVC lateral lines, which were installed with 300mm soil cover, fitted with Hunter I-25 sprinklers and Bernad 200 series solenoid valves
- Installation of a SignalCloud weather station to enable remote control of the irrigation system and collect weather data such as rainfall, allowing for automatic system shut-off during wet conditions improving efficiency and sustainability

Prior to the project commencing, the City engaged with local residents to gather feedback on their preferences for the upgrade.

Regular updates were shared via the City's YourSay website during construction, and temporary fencing allowed continued access to the nearby playground, basketball court and skate park.

Contractors who were on site were also briefed on how to respond to enquiries from members of the public.

Image 3 – Jean Garvey Park article

Emissions Reduction Strategy
2024/25 Recommendations Report

DIESEL (40% of total emissions)

Rubbish trucks and heavy commercial (40% of diesel)

#	Description	2024/25 Update
1.	Maintain a watching brief for developments in hydrogen heavy commercial.	Early-stage vehicle trials continue in Australia with limited commercial application. Progress is also hindered by the lack of a hydrogen refuelling network, particularly in Western Australia. Federal funding programs have been announced to encourage developments in hydrogen production, use, export and infrastructure in Australia. However, hydrogen fuel is not expected to be commercially available locally in the short term.

Tippers, truck and heavy commercial (26% of diesel)

2.	Review the introduction of the Hino hybrid truck and research further opportunities to utilise diesel alternatives.	No update.
3.	Based on the outcome of the review, plan an appropriate budget commitment year to transition away from diesel trucks.	No update.

Utes (16% of diesel)

4.	Formalise a heavy fleet utilisation and transition plan.	A GPS installation program for fleet vehicles was introduced, assisting with fleet utilisation.
5.	Review the operational requirement for utes.	The City’s complying vehicles list requires that utes are only available for operational staff. This requirement is reconsidered at point of replacement.

ELECTRICITY (23% of total emissions)		
6.	Complete energy audits of all of the City’s energy consuming sites.	Switch Your Thinking completed energy audits on City leased community kiosk facilities, with a focus on energy and operational use and the impact of user behaviour. Recommendation were provided.
7.	Formalise a solar pv transition plan for all remaining sites.	No update.
8.	Explore the feasibility of commercial batteries.	Solar and battery were installed at the City’s Emergency Operations Centre mid 2023/24. In the three years prior, the average annual electricity consumption was 65,000kWh. In the first full financial year (2024/25) since the installation, the consumption had dropped by more than 20,000kWh, or 33%. This variance is most noticeable in hotter months, for example, December 2024 to February 2025 was down almost 50% compared to the 3-year average for the same period.
9.	Explore the feasibility of energy generation through solar car parks.	No update.
10.	Develop a public lighting LED transition program.	The City’s public lighting LED conversion program is ongoing. In 2024/25 projects included upgrades to lighting at Alexandria Boulevard Park and around Limbee Glade, as well as more than \$110,000 in the budget for various other renewals. The City applied to the Clean Energy Future Fund, demonstrating that a \$165,000 investment (23% of total project costs) would expedite the conversion of 600 public lights to LED and support pilot solar public lighting projects, reducing the City’s public lighting energy consumption by 50%. The lifetime emissions saving was estimated at almost 1,000 tCO ₂ -e. The application was not supported.
11.	Maintain a watching brief for smart lighting integration.	No update.
12.	Trial the use of solar powered public lighting and use the results to consider future viability.	Solar lighting was installed at Mabel Davies Park in 2024/25.

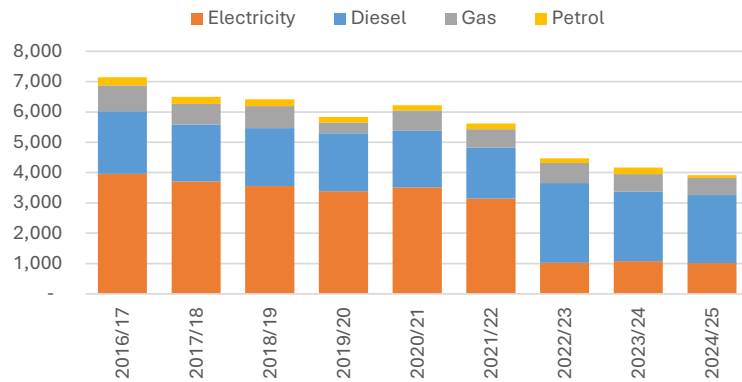
<p>GAS (15% of total emissions)</p>		
<p><i>Leisure World (87% of gas emissions)</i></p>		
13.	<p>Install a new solar water heating system for the pools at Leisure World.</p>	<p>The City applied to the Community Energy Upgrade Fund, demonstrating that a \$110,000 investment (50% of total project costs) would result in a reduction of 375 tCO₂-e per year. Reducing reliance on gas would also save the facility an estimated \$80,000 per year in utility bills. The application was not supported.</p>
<p>PETROL (3% of total emissions)</p>		
15.	<p>Formalise a light fleet utilisation and transition plan.</p>	<p>The City installed electric vehicle charging stations at the Civic Centre and Mills Park, with the support of the WA Local Government Association and the Australian Renewal Energy Agency. With the infrastructure in place, the City was able to introduce eight new electric vehicles to the fleet and provide public charging. The City's complying vehicles list was updated to reflect a preference for electric light vehicles, or unleaded hybrid where charging isn't possible.</p> <p>The City's current Operations Centre does not have the electrical capacity to host electric vehicle charging. As such, only the light fleet based at the Civic Centre can be transitioned to fully electric at point of replacement, until a new Operations Centre is built.</p> <p>A GPS installation program for fleet vehicles was also introduced, assisting with fleet utilisation.</p>
16.	<p>Investigate the demand requirements for electric charging infrastructure at the new Operations Centre, to support an electric fleet.</p>	<p>The electric vehicle charging demand will be considered during planning for the new Operations Centre, once a site is selected.</p>

Emissions Reduction Strategy

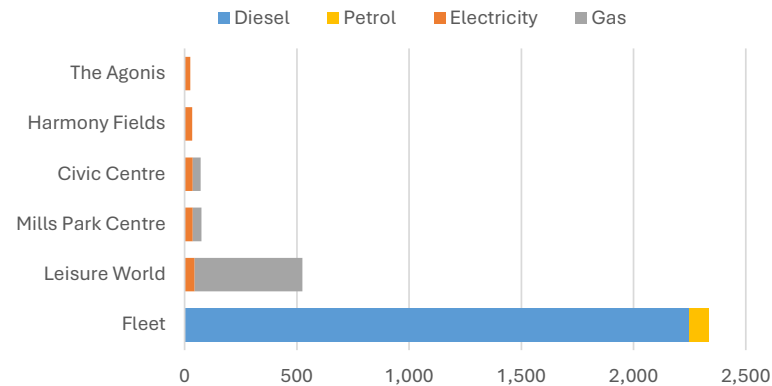
2024/25 Corporate Emissions Report

The City’s Emissions Reduction Strategy was endorsed by Council in October 2024. This is the first annual report on corporate emissions since the introduction of the Strategy and forms part of the Sustainability Action Plan reporting.

Corporate Emissions Activity by Source (t CO₂-e)



Top Emitting Assets by Source (t CO₂-e)

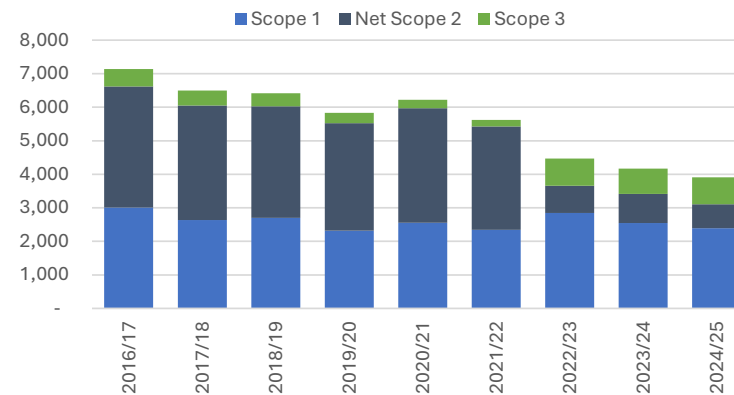


Scope

Scope refers to the source of emissions and the different ways emissions are categorised to help explain whether emissions are a result of operational activity or the wider supply chain.

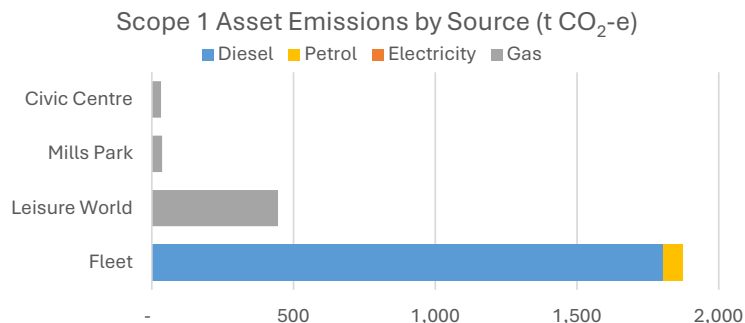
The City’s net emissions do not include emissions from Western Power streetlighting because the assets are not owned or controlled by the City.

Scope of Emissions (t CO₂-e)



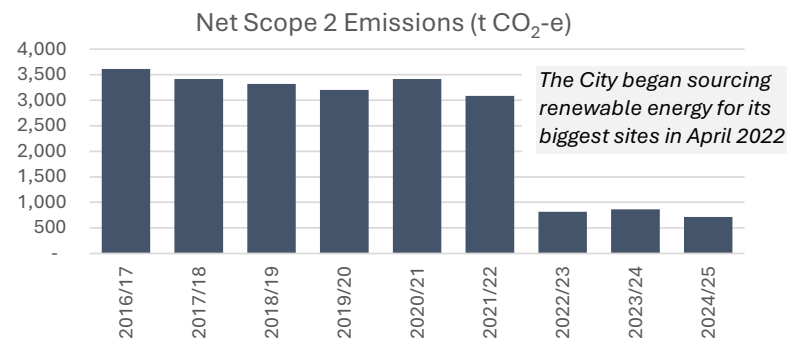
Scope 1

Referred to as direct emissions, scope 1 covers emissions that result directly from City activities.



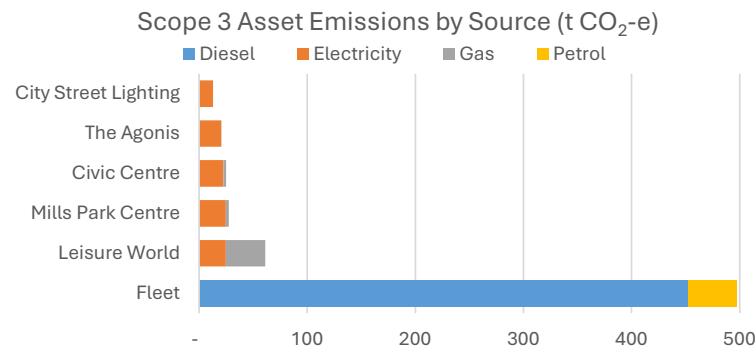
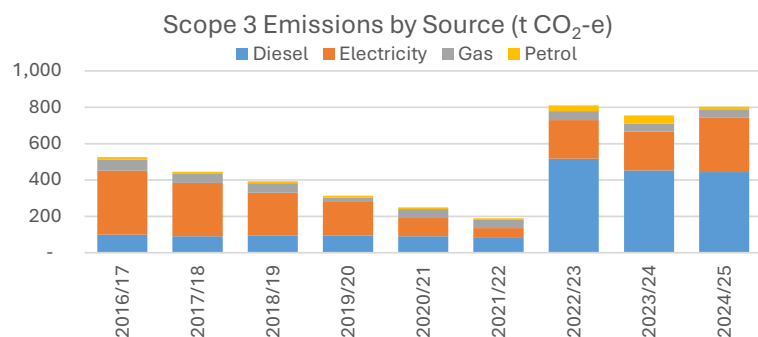
Scope 2

Indirect emissions are created in the production of electricity purchased by the City.



Scope 3

Broader indirect emissions are value chain emissions and emissions not directly in the control of the City, such as emissions generated from buying, using and disposing of a product from a supplier. Scope 3 includes waste generated by City operations, which is processed outside of the City boundary and is estimated at 40 tCO₂-e.



National Greenhouse Accounts Factors for scope 3 emissions for liquid fuels were increased in 2022/23, resulting in a significant change in result with little change in consumption.