



# Sustainability Highlights

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## 2023

**Located on the boundary between the Whadjuk and Binjareb people on Nyoongar country, the City of Rockingham is situated 40 km south of Perth. As our population grows, the City aims to manage our facilities and community spaces for the enjoyment of future generations.**

Our Sustainability Highlights capture actions and initiatives from across the City's departments, collectively working towards a more resilient, sustainable community.



## Water

Our **2021 Waterwise Council Action Plan** guides corporate and community water targets. Water efficiency projects are reported to Water Corporation and the Department of Environmental Regulation and Water annually. In 2022/2023, despite a slight increase in per capita consumption, all three water targets are on track compared with 2021/2022.



**↑ 15.9%** corporate potable water consumption.



**↑ 4.27%** community water consumption.



**↓ 13.21%** below the City's corporate groundwater allocation.



**13 Water Sensitive Urban Design (WSUD) Public Open Space** areas constructed in 2022/2023.



**Gold Waterwise Council** re-endorsed for the sixth consecutive year.

Waterwise re-endorsement of both our Aquatic Centres.



## Waste and Recycling

**E-waste recycling stations** capture dry-cell household batteries, printer cartridges, and mobile phones.

**70 kg of printer cartridges** collected in 2022/2023.



**Compost at Home** program relaunched in March 2023, supporting 400 residents with free indoor and outdoor composting bins to start composting.

**43,478.94**  
tonnes was  
landfilled.

**12,281.08**  
tonnes was  
mixed recycling.

**16,685.47**  
tonnes was  
green waste.



**Callouts received**  
**2,823**

**Litter and illegally dumped material collected**  
**352 tonnes**



72,445.49 tonnes of residential waste material collected in 2022/2023, including kerbside bin collections, hard waste verge collections and residential drop off at Millar Road Landfill Facility.

**34,157 tonnes** of additional material was diverted from landfill. Key avenues for material recovery include green waste processing, material recovery facility and waste salvaged from landfill drop off.



## Energy and Emissions

**Renewable Energy** – The City is involved in a WALGA lead Sustainable Energy Project, which concentrates on sourcing renewable energy to participating Western Australian local governments. Between March to December 2023, the project supported our higher consuming sites being powered by 50% renewable energy, resulting in the offset of over 1,000 of CO<sub>2</sub>e. In addition, the City continues to install solar PV systems on City-managed facilities to further decrease our energy consumption and emissions.

Two new solar PV systems installed 2022/2023.



3.45 km of bike paths installed.



**Methane harvesting** at Millar Road Landfill and Recycling Facility saw approximately 42,227 tonnes of CO<sub>2</sub>e (carbon dioxide equivalent) captured from decomposing waste in the landfill and converted into electricity via gas capture in 2022/2023.

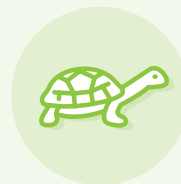
**Carbon Neutral Fleet** – 3,009 tonnes of fleet emissions were offset through a financial contribution to two certified carbon offset programs; 'Yarra Yarra Biodiversity Corridor' and 'Wind Farms in Andhra Pradesh', India.



## Nature and Environment

**Planning Strategy – Environmental Protection**, endorsed in April 2023 will inform the City's Local Planning Strategy and seeks to implement measures to protect and enhance environmental values by guiding land use planning processes.

In partnership with the **Saving Our Snake-Necked Turtle** project, Hawker Lake and Lagoon Lake were selected for a citizen science project to monitor our local Snake-Necked Turtle (*Chelodina oblonga*) population.



**16 Turtle Tracker volunteers**, 200 volunteer hours logged.

**Tree planting projects in 2022/2023** supported by community volunteers, established new seedlings and trees across Rockingham within residential verges and public open spaces over **18 community planting days**.



**37,838 seedlings** across local reserves.



**670 trees** planted during the annual winter street tree planting period.



**155 kg of marine debris** collected.



**11,000 seedlings** provided to residents at the 2023 Native Plants Giveaway.



## Environmental Education and Engagement

46

sustainability-related workshops held at City libraries.

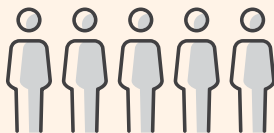


**Grow It Local** partnership complimented by Grow.Cook. Eat sessions promoting locally grown, locally sourced food and ways to support backyard crop yields.



#1 amongst WA local governments in Grow It Local participation.

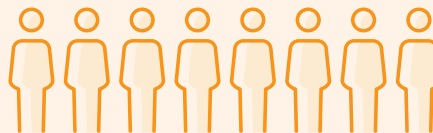
58% increase in participation from 2021/2022



2021/2022

**522**

members



2022/2023

**829**

members

Employed new **Environmental Education Officer** to support the delivery of waste and sustainability focused community programs.

In addition to a number of community engagement activities as a **Plastic Free July** Council Member in 2023, 20 City officers volunteered at a corporate beach clean-up day, in partnership with Perth NRM and Rockingham Beach Cleans.



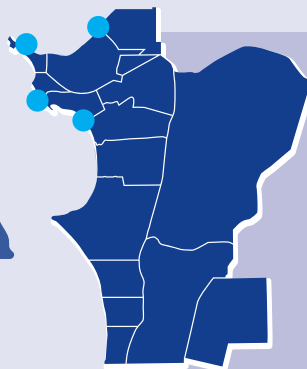
## Climate Response

The City maintains external partnerships to deliver on pledges and actions towards climate resilience, including the **Cities Power Partnership** and **Peron Naturalist Partnership**.

Coastal protection works were undertaken in 2022/2023, with beaches in the north-eastern Warnbro Sound area facing ongoing erosion issues. Coastal Adaptation and Protection Grant awarded to support beach sand renourishment in 2022 at Warnbro Sound.

**16,187 m<sup>3</sup>**

of sand moved for beach renourishment from Point Peron sand trap stockpile.



Ongoing beach profile surveys across five key locations in Rockingham assists with assessing impacts to identified erosion hot spot locations. 10 surveys were conducted across 2022/2023 at these five locations.

Thank you to all teams and Rockingham residents for contributing towards our sustainable future.