

# ENVIRONMENT REPORT CARD 2021



## Cooler, greener Marion

Marion Council continues to lead the way in reducing our impact on the environment.

Together with our community and partners we have made a real impact on protecting our biodiversity, reducing our carbon emissions, and reducing our waste to landfill.

**Environment Report Card highlights our key achievements for 2021**



### Highlights for 2021 include:

- Reduction in carbon emissions from our corporate operations by **2,383** tonnes from the 2015/16 baseline
- **200** million litres of stormwater captured, cleaned and stored at Oaklands Wetland
- Reintroduction of the endangered, purple-spotted gudgeon into the Oaklands Wetland
- **39,902** free kitchen caddies delivered to Marion households
- **4,187** trees planted across the Council to support tree canopy and greening targets

We were also one of three councils involved in building a Southern Materials Recovery Facility at Seaford Heights. It is South Australia's largest and most advanced household recyclables facility, capable of processing **60,000** tonnes of yellow bin recyclables every year.

# Going Carbon Neutral by 2030

**565 kw**

rooftop solar  
installed on 16  
Council buildings  
and facilities

**3 EV**

charging  
stations  
installed for  
free use by the  
community

**Endorsed  
Carbon  
Neutral Plan  
2020 -2030**

**1,120 tonnes**

of carbon emissions from Council's kerbside collection  
vehicles offset for the year by Cleanaway

**42%** reduction in  
carbon emissions from  
Council's operations

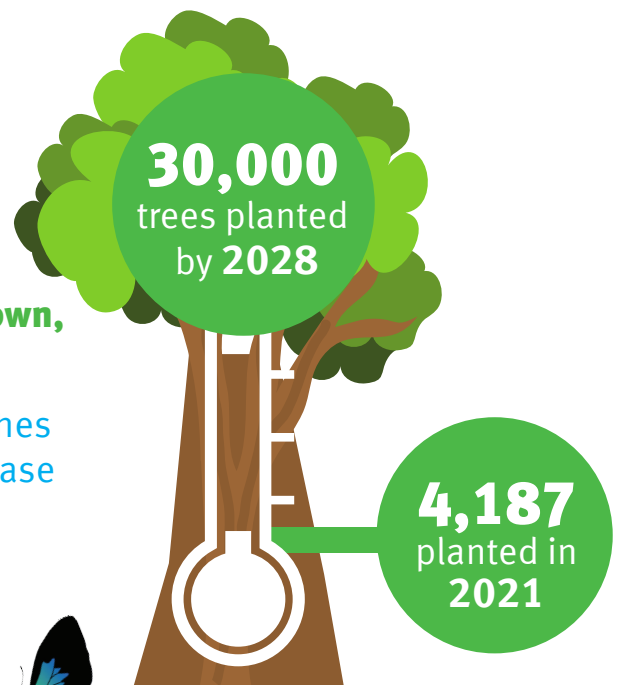


## Trees and planting

**Edwardstown, Clovelly Park, Mitchell Park and  
Oaklands Park** were the focus of planting efforts

**151** trees planted as part of **Greening Edwardstown**,  
a project to cool one of our hottest suburbs

Tree canopy coverage (the area covered by branches  
and leaves) on Council streets is on track to increase  
from **15%** in **2018** to **22%** in **2030**



## Habitat for wildlife

**83%**

of the priority  
biodiversity  
precincts have  
improved in  
native vegetation  
condition

**29**

high-priority  
conservation  
sites on Council  
land covering  
over 82ha

**15,000**

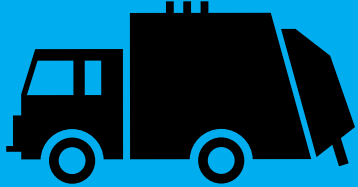
local native  
seedlings  
planted to  
improve habitat  
for wildlife



**Trained staff  
are creating  
habitat hollows  
to provide homes  
for our wildlife**

# Kerbside collection

How much was collected  
in 2020/21?



Southern Materials  
Recovery Facility (SMRF)  
opened to process  
**60,000** tonnes of  
recyclables every year

**17,575**  
tonnes  
landfill

**6,984**  
tonnes  
recycling

**12,161**  
tonnes  
organics

## Kitchen caddy roll out

**39,902** free kitchen caddies and rolls  
of liners delivered to households  
across City of Marion to shift more  
tonnes from red to green bins

Food waste makes up **35%** of waste  
to landfill and providing kitchen  
caddies aims to cut this amount by  
at least half

On track to achieve **75%**  
of households disposing  
of food waste in the green  
bin by 2023

Kitchen caddies made  
of **100%** post-consumer  
recycled plastic



## Bringing biodiversity back

### Purple-spotted gudgeon


- Endangered native fish successfully reintroduced into the Oaklands Wetland
- **500** fish released
- Thought to be extinct for over 100 years


### Spider orchid

- **3** year project reintroducing threatened orchids
- **400** specimens growing in a laboratory
- Thought to be extinct since 1950's



## Making the most of water

 **203,635 kL** of water consumed on  
Council land and buildings

 **71** water sensitive urban design  
elements including swales, wetlands,  
detention basins and rain gardens

 **Irrigating 37 local parks**, street trees  
and street scapes with recycled water

 **200 million litres** of stormwater from  
Oaklands wetland captured, cleaned  
and stored

 **173 tree inlets** using stormwater to  
water our street trees

# Working with our community

**15** Bush for Life and Friends groups volunteer their time to help green our city

**56** entries for Marion's Garden Showcase

**21** signs educating our community on the value of our environment

**24%** increase in subscription to Green Thymes e-newsletter from 2020

**Together we have achieved**

**4** community gardens + **2** new gardens at planning stage

**228,500** people reached by environmental social media campaigns

**28** school and community sessions delivered by Green Adelaide education

**65** sustainability and recycling education sessions

## Key partnerships

### Partners

- Adelaide Botanic Gardens
- Cities of Holdfast Bay, Mitcham and Onkaparinga
- Cleanaway
- Cross Council collaboration with Port Adelaide Enfield and City of Charles Sturt
- Department for Environment and Water
- Green Adelaide
- Green Industries SA
- Southern Region Waste Resource Authority

### Projects

- Biodiversity Sensitive Urban Design
- Coastal climate change monitoring
- Grow It Local
- Internal waste management systems
- Kitchen caddy roll-out
- Native orchid reintroduction
- Regional Waste Management Partnership
- Resilient South
- Trees are Cool

Stay in touch by signing up to the monthly e-newsletter, **Green Thymes** by emailing [environment@marion.sa.gov.au](mailto:environment@marion.sa.gov.au)

Image credits: Purple-spotted gudgeon (Jeremy Gramp) Spider orchid (Jerry Smith), Lorikeet in hollow, community gardener (Cath Leo and Green Adelaide)



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