

RESILIENT EAST



Annual Highlights Report **2021 – 2022**

Climate Ready
Eastern Adelaide

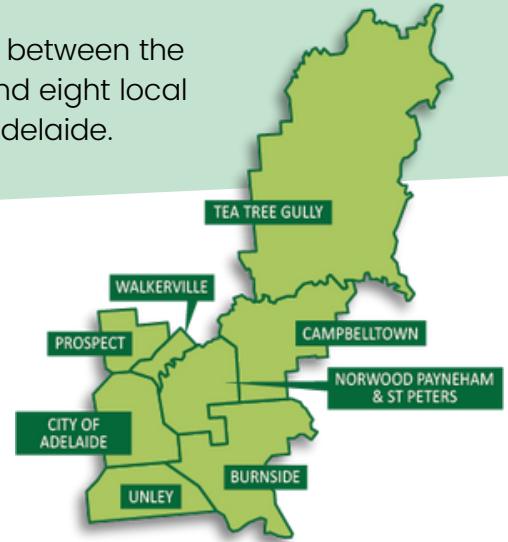


RESILIENT EAST

2021-22

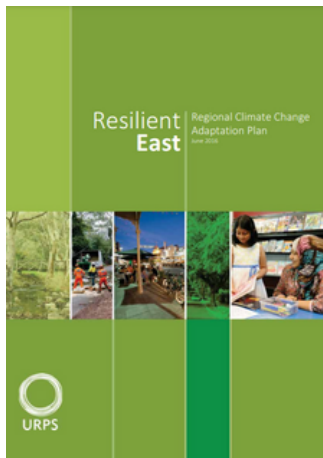
Regional work towards resilience

We are a regional climate partnership between the State Government of South Australia and eight local government organisations in eastern Adelaide.



We work together to ensure the eastern region remains a vibrant, desirable, and productive place to live, work and visit, and that our businesses, communities, and environments can respond positively to the challenges and opportunities presented by a changing climate.

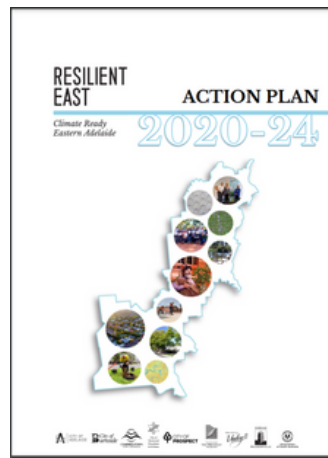
Key documents that guide us



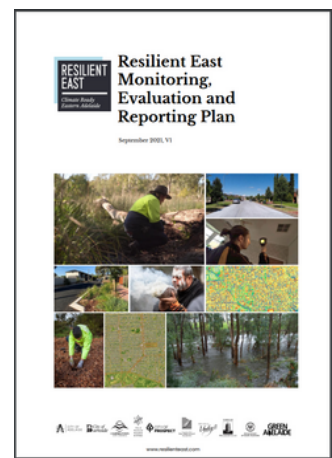
Regional Climate Change Adaptation Plan (2016)



Sector Agreement with Government of SA (2020)



4 year Action Plan (2020-2024)



Monitoring, Evaluation and Reporting Plan (2021 - new!)

Key themes of work include

- 1 Green Cover
- 2 Water Sensitive Urban Design (WSUD)
- 3 Resilient Communities
- 4 Planning Reforms and Advocacy
- 5 Climate Risk - for councils and community
- 6 Monitoring and Evaluation

Resilient East coordination and initiatives are jointly funded by the eight partner councils and the Green Adelaide Board. We have secured full-time funding for a Coordinator in 2022-23 as a non-competitive partnership funding agreement.

Resilient East councils are located on the Adelaide Plains, the traditional lands for the Kaurna people. We acknowledge this land as the traditional lands for the Kaurna people and we respect their spiritual relationship with their country. We also acknowledge the Kaurna people as the custodians of the Adelaide region and their cultural and heritage beliefs are still as important to the living Kaurna people today. We also pay respects to the cultural authority of Aboriginal people visiting from other areas of South Australia and Australia.



RESILIENT EAST

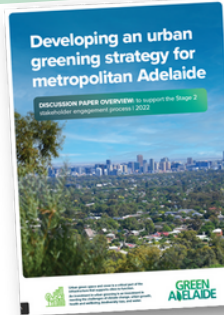
Regional work towards resilience

We regularly work with agencies and organisations from all levels of government, NGOs, community groups, individuals and the private sector. Together, we are working on climate change.

2021-22

We collaborate

- ✓ Adelaide Greening Strategy
- ✓ Heat Mapping and LiDAR canopy mapping
- ✓ Universities undertaking greening research
- ✓ State Government updating climate change science
- ✓ Eastern Adelaide Zone Emergency Management Committee
- ✓ Climate Ready Schools
- ✓ IPWEA and Climate Ready Assets
- ✓ Regional Climate Partnerships - work between regions



We contribute to consultations

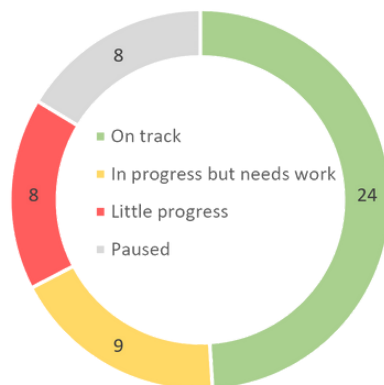
- ✓ National Construction Code Energy Efficiency measures
- ✓ Adelaide Garden Design Guide (Urban Infill Greening)
- ✓ Review of State Urban Water Issues Paper
- ✓ Review of Planning and Design Code
- ✓ GAROC Mayors Climate Change Forum



Regional work

- ✓ Water Smart Campaign
- ✓ Regional Communications
- ✓ Monitoring & Evaluation
- ✓ Mid-Action Plan review
- ✓ Sharing knowledge and resources
- ✓ Supporting an enabling environment

Progress of action plan 2020-24 to date



#ResilientEast
Online Communications 2021/22

Followers = **494**
Posts = **40**

20 Stories / resources added to website
175 Subscribers to our e-news
7 Resources created for partners to use and share (including big campaign)
4k unique website visitors

resilienteast.com
[linkedin.com/company/resilienteast](https://www.linkedin.com/company/resilienteast)

#ClimateReady
 #ResilientEast



RESILIENT EAST

2021-22

Collective impact

We are preparing the eastern Adelaide region for the impacts of climate change as we experience more heat, less rainfall, and more extreme weather events.

Target:

20%

increase in canopy by 2045

Planting programs ✓

Retaining old and mature trees ✓

Integrate WSUD for more soil moisture ✓

Encourage and facilitate more greening on private land, and improve the value of trees ✓

7,650 trees & 75,290 plants

Added to our urban streets, parks and creek corridors



1,350 trees & 15,700 plants

provided to residents through giveaways and vouchers

ALL 8

Resilient East councils have **discouraged or banned artificial turf on verges**

ALL 8

Resilient East councils have **developed verge guidelines**



3 Councils created or updated public maps of tree planting and management

23

council programs, events, resources or initiatives that support greening on private property

25 council initiatives that

build value of public greenspace & trees

20+

Nature Festival events held by partners in our region

WSUD Mission Statement:

Eastern Adelaide is a green resilient and attractive region with diverse water resources that support healthy, engaged communities and urban biodiversity.

1,915

256 new*
WSUD devices

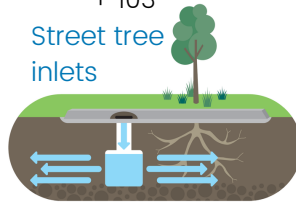
273

+ 28
B-pods



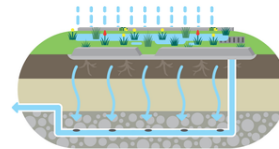
888

+ 103
Street tree inlets



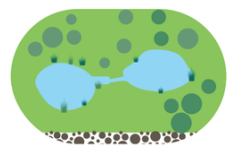
104

+ 16
Raingardens



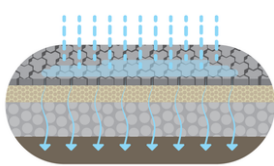
17

wetlands & MAR schemes



75

Permeable Paving sites with



139

Passively irrigated street trees/tree pits

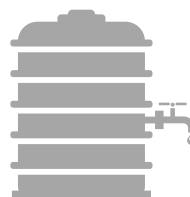
160

Infiltration systems



47

Water tanks



58

Gross Pollutant Traps (GPTs)



3

Large water projects: ERA Water, GAP, TTG water effluent re-use scheme



*a conservative estimate at July 2022



Grants Awarded in 2021-2022

\$0.8M

9 Council projects awarded 33% total project costs for greening funded through the Greener Neighbourhoods Grants

Administered by



\$0.2M

4 council projects awarded 30% total project costs funded through the Water Sustainability Grants



\$13.6M

towards flood preparedness and storm water management upgrades



Australian Government
National Recovery and Resilience Agency

1. Alfred Street: a greener gateway

2. Golden Grove Road

3. CWMS Revegetation

4. Community Verge Demonstration Sites

5. Revegetation and stabilisation of Mistletoe Park / Tainmuntilla

6. Greening Sturt St West

7. Greening Outside the Kerb

8. Iconic Tree Planting

9. St Peters Street Upgrade

10. Expansion of recycled water for cooling parks

11. Engineer concept design for Wadmore Park / Pulonna Wirra

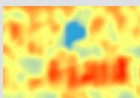
12. Rehabilitation of Stormwater Channel 16

13. Integrating WSUD as 'business as usual'

14. Trinity valley Stormwater Management Upgrade

15. Resilient Flood Planning

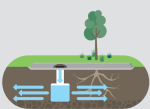
We work together to:



Plant in hot spots to reduce the urban heat island effect



Tackle challenging spaces for greening



Include WSUD & fit for purpose water use for plant survival longevity & water security



Slow on-street flows, and reduce flood risk, and downstream erosion



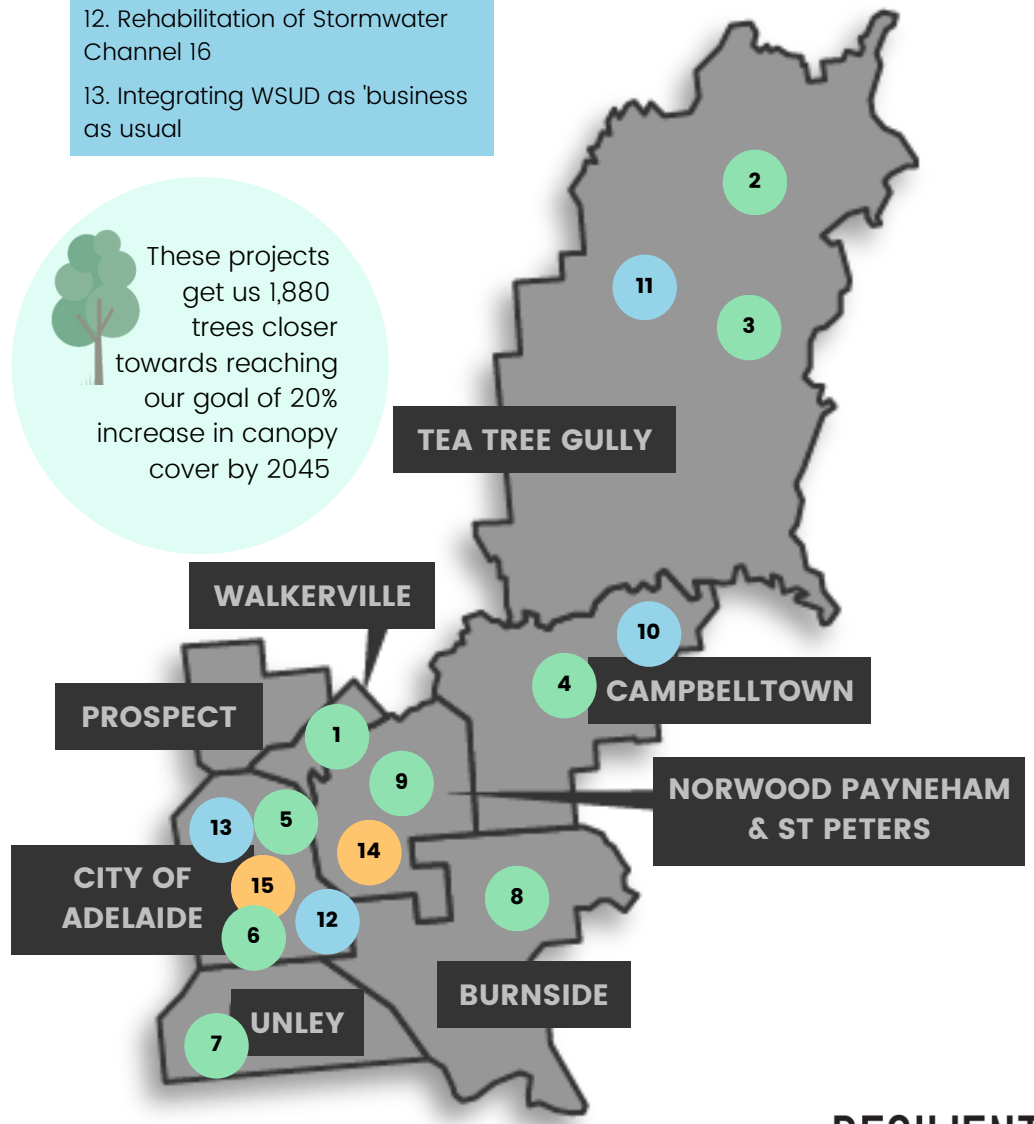
Improve biodiversity and river rehabilitation



Cool connections between suburbs for people and wildlife



These projects get us 1,880 trees closer towards reaching our goal of 20% increase in canopy cover by 2045



Resilient East supports on-ground action by

- Supporting urban heat & tree canopy mapping for greening prioritisation
- Lobbying for funding (including letters of support) for project implementation
- Ensuring learnings and stories are shared among organisations

RESILIENT EAST

Climate Ready Eastern Adelaide



Water Smart Campaign

Resilient East has a broader mission to increase our use of fit-for-purpose WSUD in our region. To do this, we have been improving our understanding of good design, maintenance and construction, measuring what we have, measuring effectiveness, and building capacity of our staff. This campaign is to educate the community on the benefits of WSUD, and to notice WSUD on the streets!

RESILIENT EAST

2021-22

Coordinated Communications Approach

- ✓ Built community and staff awareness
- ✓ Content developed for 5 common WSUD types
- ✓ Animations, graphics, videos, written content and photos
- ✓ Updated website content resilient.east.com/watersmart
- ✓ Materials for ongoing use by partners and our friends



5 Videos

1,350 views

~5.4% using QR codes



Water Smart Sign
A new Street Tree Inlet has been installed in your gutter.

WATER SMART BINGO

Water smart campaign

The Town of Walkerville is working with Resilient East, Water Sensitive SA and Green Adelaide to help ensure our Town is more climate ready.

As part of this, we are running a water smart campaign. As you are out and about over spring, look out for our new interactive signage on "Thirsty Permeable Pavements", "Raining Gardens", "Street Tree Inlets" and "Verge Soakers" - you will be able to see them in action!

Stay tuned for a list of locations for all Town of Walkerville water smart solutions as we take you through examples in your streets over the next few weeks.



This project was enabled through a collaboration with Water Sensitive SA, grant funding through Green Adelaide, and a secondment of a staff member through City of Tea Tree Gully.



RESILIENT EAST

2021-22

Governance and expenditure

We are committed to work together as a region, with a governing Steering Group, a funded Coordinator position, technical working groups to allow for knowledge sharing, collaboration and developing regional projects. We are here for the long-term.

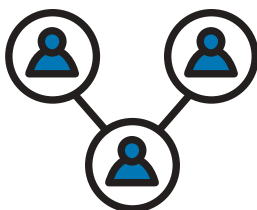
Finances

2021/2022 Income	Income (ex. GST)
Carry over funds from 20/21	\$56,666
Council partnership contributions (equivalent of \$7k each, ERA councils from ERA budget)	\$ 56,000
Green Adelaide Negotiated funds	\$30,000
Total	\$142,666

2021/2022 Expenditure	ACTUAL (ex. GST)
Coordinator full-time	\$107,903
Projects	\$ 23,742
Total	\$131,645

Meetings

- 5 Steering Group
- 5 WSUD Working Group
- 6 Canopy & Heat Working Group
- 4 Communications Working Group



Steering Group Members

Bec Taylor
Resilient East Coordinator



Resilient East Steering Group Chair (2021)
Ben Clark
Group Manager Planning, Assets and Infrastructure



Resilient East Steering Group Chair (2022)
Philip Roetman
Coordinator Environmental Sustainability



Resilient East Deputy Chair / Coordinator host, Kat Ryan
Coordinator Environmental Projects & Strategy



Eleanor Walters
Manager Urban Planning & Sustainability



Maria Zotti
Manager Park Lands and Sustainability



Di Salvi
Environment & Sustainability Officer



Andrian Wiguna
General Manager Infrastructure Services



Jon Herd
Environmental Sustainability Coordinator



Nelly Belperio
Senior Policy Officer, Climate Change
Department of Environment and Water



Louisa Halliday
Manager Strategy & Performance (non-voting member)

