



WELCOME:
ALCN Learning Forum
Climate Resilience, Sustainability and Regeneration:
Community Education and Action

24 October 2024



Acknowledgement of Country

I would like to acknowledge the traditional owners on the lands from which we all come today, and where learning takes place across Australia and globally.

The role of libraries in
promoting
environmental literacy
– reflections on the
2024 Melton Learning
Festival – **Silvia Velez**

Building
sustainable
communities
through
learning

Climate Resilience projects at PAE Libraries

Gen Green and Council collaborations

PAE City Vision

A welcoming,
liveable City:
made by people.

- **Thriving Community**—A City where people have the opportunity to connect and flourish.
- **Prosperous Economy**—A City with a thriving economy that enriches its local community.
- **Clean and Green City**—A City that values its natural environment.
- **Places for People**—An accessible City where people love to be.

Clean And Green City

*A City that values
its natural environment*

We reduce the City's
adverse environmental
impact and participate
in a circular economy

We shape the City to
tackle the challenges of
a changing climate

We protect and enhance
the City's natural
environment

Council actions

2019 Declared Climate Emergency

2021 joined national Climate Council Cities Power Partnership

Get Shady tree planting and tree canopy target increase of 35% by 2050

Provide 300 trees to residence for planting on private land

Coastal Dune Action Plan – weeding and plantings with community groups

Port River Estuary and mangrove restoration

Integrated Transport Strategy encouraging Active Transport (walking, cycling, public transport)



Net Zero Emissions Plan

Reduce our emissions by at least
60% by 2030

Solar

EVs

Recycling Plant

Green Business Incentive
Scheme

Council Partnerships



AdaptWest

With City of Charles Sturt, City of West Torrens and Green Adelaide

Coastal environments of Western Adelaide

identifies the real and specific implications of climate change;
and provides realistic strategies for residents, businesses, organisations and agencies of our western community to get ready, to respond and build resilience to the present and future challenges of climate change.

The project is now in the implementation phase – AdaptWest in Action

2023 Delivered Sustainable Homes Expert Webinars. Recordings available

My Cool Home assessment tool for increased energy efficiency

2021 Adapt Now Event – extreme heat and weather event preparedness

Gen Green Youth Climate Science

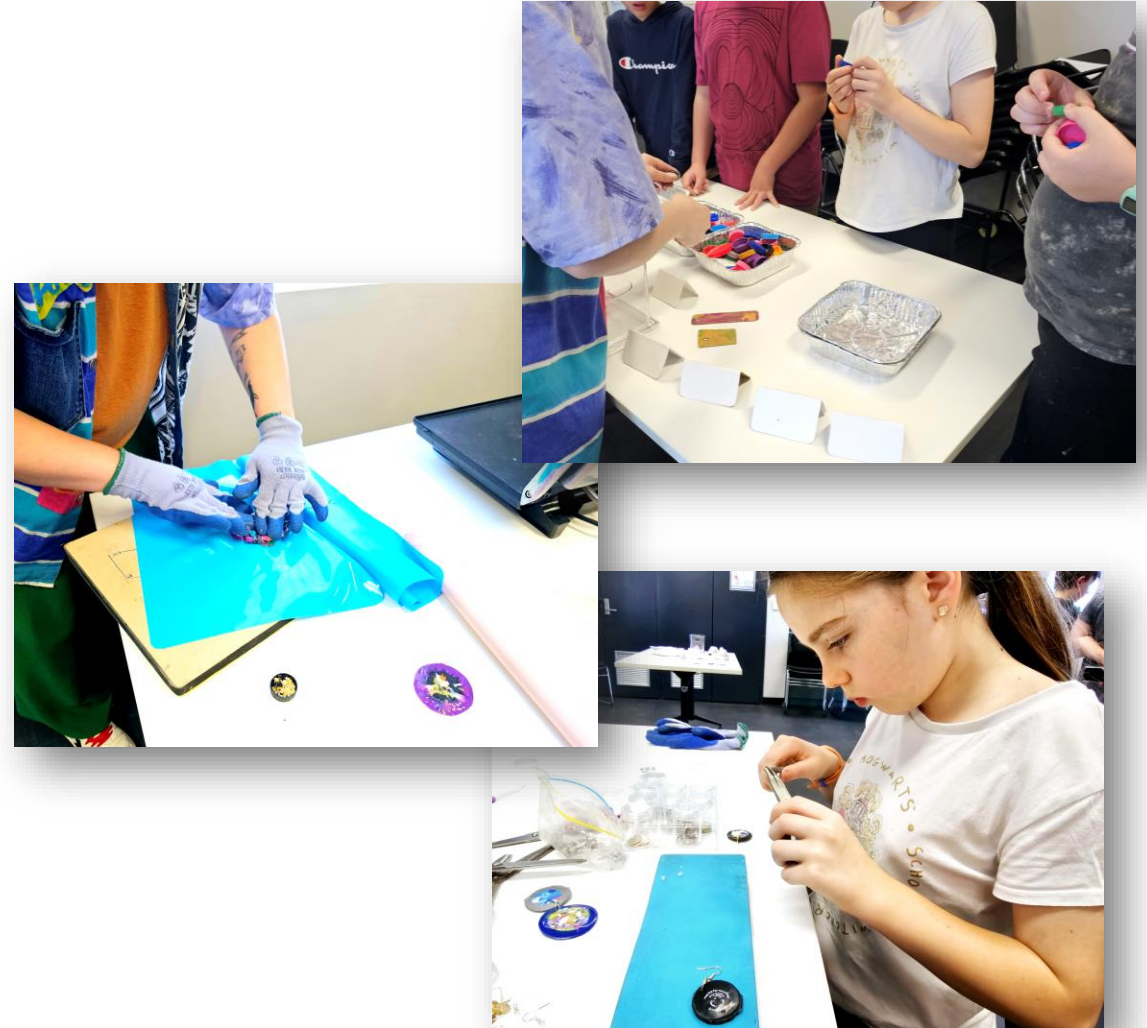
- Third year of ongoing program, inspired by Youth climate activists
- Developed and delivered by science educator, STEM Programs & Learning Officer David Riley
- Monthly youth (12-17yrs) gatherings for deep dives into climate change, sustainability. Interactive sessions that put together the pieces of transitioning to Net Zero and what lays beyond.
- Average attendance has been around 8 participants each month, but not always the same participants. About 70% attendance rate compared to total bookings
- Hands on experiments and immersive learning opportunities to understand climate indicators - 9 planetary boundaries
- How you can be involved and support the change locally and globally
- UN SDGs



Gen Green Youth Climate Science

2024 program

- Explore positive changes – what we are getting right
- Recycling and reusing plastics (new products)
- electrification and renewable energy
- urban design, city planning
- circular design
- Nature walk
- Right to repair



Gen Green 2025

Ideas

- Microplastics - Would you eat plastic (AUSMAP / Port Environment Centre)
- Yitpi Yartapuultiku – Revitalizing Spaces and Connecting to Environments (Living shores focus)
- Permaculture –Seed Library (Rocket Lettuce Workshops)
- It's a Gas! Atmospheric Science (Climate Science)
- Sensing the Data - How to make and use sensors (Technology and IOT)



Other PAE programs

PAE Flora and Fauna Monitoring Project

Climate sensors at five library buildings – microclimate data available open source

Repair Café

Nature walks and iNaturalist observation data, biodiversity management

Lil' Greenies after school program

nature craft

DIY gifts

Nesting Box workshops - microbats

Observational Bee Hive and beekeeper talks

Climate science beach walks





PORT ADELAIDE ENFIELD

QnA and Discussion led by Leone, ALCN

Building
sustainable
communities
through
learning

MentiMetre Activity
Led by Kashish, RMIT/ALCN/WYNDHAM
<https://www.menti.com/alou1ks2e16p>



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Summary & Close

Delivered by Leone, ALCN

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