



2022 REGIONAL SA WASTE & RECYCLING FORUM & WORKSHOP

Community Initiatives Supporting Waste and Recycling for a Circular Economy





WENDY BEVAN

CEO, KESAB ENVIRONMENTAL
SOLUTIONS

May 2022

WELCOME

Welcome to Country - Ngadjuri
Country

Angelena Harradine-Buckskin

Mayor Wayne Thomas

Clare and Gilbert Valleys Council





Waste Resource Recovery Forum - The Role of Council

Friday | 27th May | 1pm - 4pm

MC: Wendy Bevan, CEO of KESAB environmental solutions

12:45pm

Registration

1:00pm

Acknowledgment of Country & Welcome to Clare & Gilbert Valleys

Mayor Wayne Thomas, Clare & Gilbert Valleys Council

1:10pm

Legatus Group Waste Resource Recovery Strategy Action Plan

Simon Millcock, CEO, Legatus Group

1:25pm

Green Industries SA: Circular Economy & Regional SA

Michaela Heinson, Associate Director, Economic Growth and Sustainability, Green Industries SA

1:45pm

Compost Trial and Regional Materials Recycling Facilities

Dr Paul Chapman, Project Manager, Legatus Group

2:05pm

Council's Experience with Community Delivery of Waste and Resource Recovery Initiatives Fathers Farm

Gary Mavrinac, Director, Development & Environmental Services, The Barossa Council
Give an Hour & Rachael Hamilton, Environment & Sustainability Co-ordinator, City of Campbelltown

2:30pm BREAK

2:50pm

Bringing Us Together: Recycling Initiative for the Barossa Wine Industry

Tim Hackett, QSE Manager, Henschke Wines & Wine Industry Sustainable Packaging Alliance - Chair

3:10pm

The Role of the LGA: Supporting Councils Supporting Communities

Brianna McGee, Senior Policy Officer, Local Government Association of South Australia

3:30pm

KESAB and Council: Partnering to Engage with Community

Chris Davey, Director Development & Regulation, Port Pirie Regional Council

3:50pm

Feedback

4:00pm

Networking & Close

6:00pm

FRIDAY DINNER

BBQ Dinner at Martindale Farm

\$25 per person. Hear from Graeme Johnson, Martindale Farm, on ethical approaches to farming, and key note speaker Lou Chalmer, Agraeologist and Winemaker Title Grape Bucketing & Honey Drizzling (bookings and payment separate, register with Tracey Rains). Proceeds to support local community initiatives.





SIMON MILLCOCK

CEO, LEGATUS GROUP

May 2022

WASTE & RESOURCE RECOVERY STRATEGY

2021-2026

Legatus Group



SIMON MILLCOCK CEO LEGATUS GROUP

RECENT REPORTS

- Waste Management Infrastructure for SA Regional Local Government
- Regional SA Waste and Resource Recovery Background Report
- Making and Using Organic Compost
- Implementing the Circular Economy in SA
- A supply chain analysis of the circular economy in regional South Australia

WASTE & RESOURCE RECOVERY STRATEGY

2021-2026

Legatus Group

VISION - GROW THE REGIONAL CE TO PROVIDE LOCAL SOCIAL, BUSINESS AND EMPLOYMENT OPPORTUNITIES AND EMPOWER BEHAVIOUR CHANGE IN THE COMMUNITY TO REDUCE WASTE GENERATION AND INCREASE RESOURCE RECOVERY.

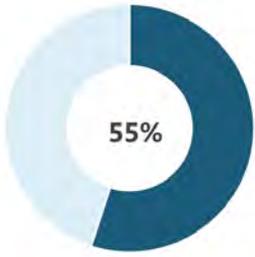
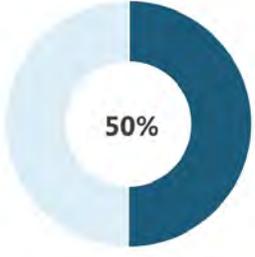
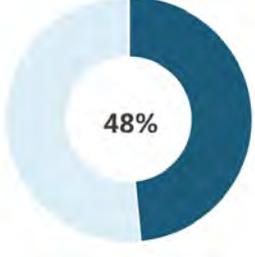
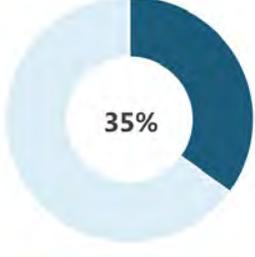
- Objective 1 Implement high performing waste and recycling systems
- Objective 2 Increase service efficiency and cost effectiveness
- Objective 3 Implement local and regional solutions

WASTE & RESOURCE RECOVERY STRATEGY

2021-2026

Legatus Group



Sub-region ¹	Sub-regional target	Individual target	
Barossa, Light, Adelaide Plains		Adelaide Plains	55%
		Barossa	55%
		Light	55%
Barunga West, Copper Coast & Yorke		Barunga West	45%
		Copper Coast	55%
		Yorke Peninsula	45%
Mid North		Clare & Gilbert Valleys	45%
		Goyder	30%
		Northern Areas	45%
		Port Pirie	55%
		Wakefield	50%
Southern Flinders Ranges		Flinders Ranges	35%
		Mount Remarkable	35%
		Orroroo Carrieton	35%
		Peterborough	35%

WASTE & RESOURCE RECOVERY STRATEGY

2021-2026

Legatus Group



Free Seminar Session



KESAB: Your Partners in Community Engagement & Education

What programs has KESAB been successfully used to engage and educate communities to reduce waste and improve sustainability? How can local councils provide services which support their waste and recycling systems, maximise efficiencies and support sustainability goals without breaking the budget?

Date **June 17th, 2022**

Time **2.00 PM - 3.00 PM**

Venue **Online Presentation**

Speakers



Wendy Bevan
CEO



Grace Barila
Environmental Services Manager



Brian Johnston
Environmental Services Officer

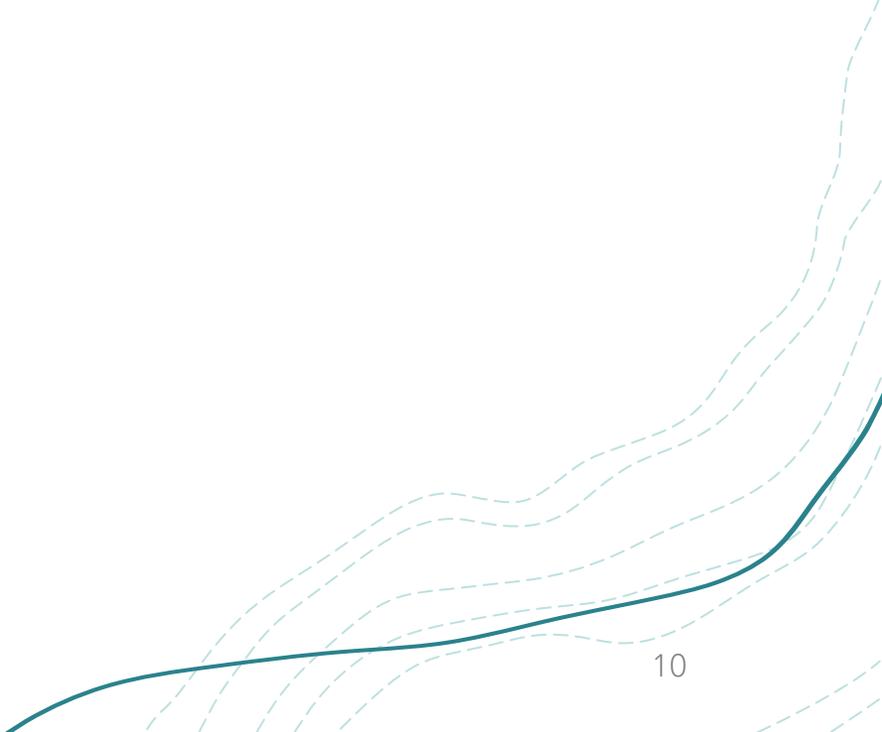
Register Now
<https://www.trybooking.com/BZNB>

For more info contact Brian on 8234 7255



PAUL CHAPMAN

PROJECT MANAGER, LEGATUS
GROUP





Composting and MRFs in regional SA

Paul Chapman

Legatus Group



Outline

- Circular Economy in regional SA
- But wait ...
- Organics
- Peterborough trial
- A regional MRF?
- Some end thoughts



CE in the regions

An economist's perspective

- Need to reach a minimum efficient scale
 - More volume means lower average costs
- Aggregating means transport costs
- But benefits of scale $<$ costs of aggregating
- Tight circles in sparse regions makes little sense
- Regional recycling means sending to Adelaide and beyond



But wait ...

- Some materials **are already** recycled through Adelaide
 - Ferrous metal
 - Cardboard and paper
- Some **are processed and re-used** in regions
 - Portable concrete shredders
 - Used on roads
- Some more **might be**
 - Organics
 - Co-mingled recycling materials



Organics

- Regional **sources**
 - Carbon-nitrogen balance
 - FOGO
 - Sludge and septage, grease, abattoir waste, etc
 - Trimmings, straws, prunings, etc
- Regional **uses**
 - Municipal parks – low value reuse
 - Agricultural fertilisers and soil conditioners
- Regional **benefits**
 - Shorter supply chains
 - Lower long-term prices
 - Better moisture retention
 - Better carbon sequestration

... and **sustainable!**



Peterborough trial

- Led by Peterborough DC
 - Assisted by Peats Soils, UofA, GISA
- **Small** scale (= 2000 tpa)
 - Most N-rich from wastewater systems
 - Most C-rich from GO and Councils
- **Cost savings** for participating Councils and others
- Need for additional carbon-rich sources
- Council + GISA on board
 - **Waiting** on Australian Government

If it can be done at Peterborough, it can be done almost anywhere in SA



A regional MRF?

- Co-mingled waste must go to a MRF
- Very expensive to send to Adelaide

A tempting idea **but ...**

- Micro and mini MRFs?
- Optimising the locations

Go it alone action can impose higher costs on all Councils



Some end thoughts

CE is the right thinking **but** ...

- Build it into the supply chain not add-on at the end
- For now, recycle and re-use *when you can*

Regions can participate as sources **but** ...

- Limited opportunities for regional processing
- Organics and MRFs are the most likely exceptions

And Councils can lead the way

“We will so you can”

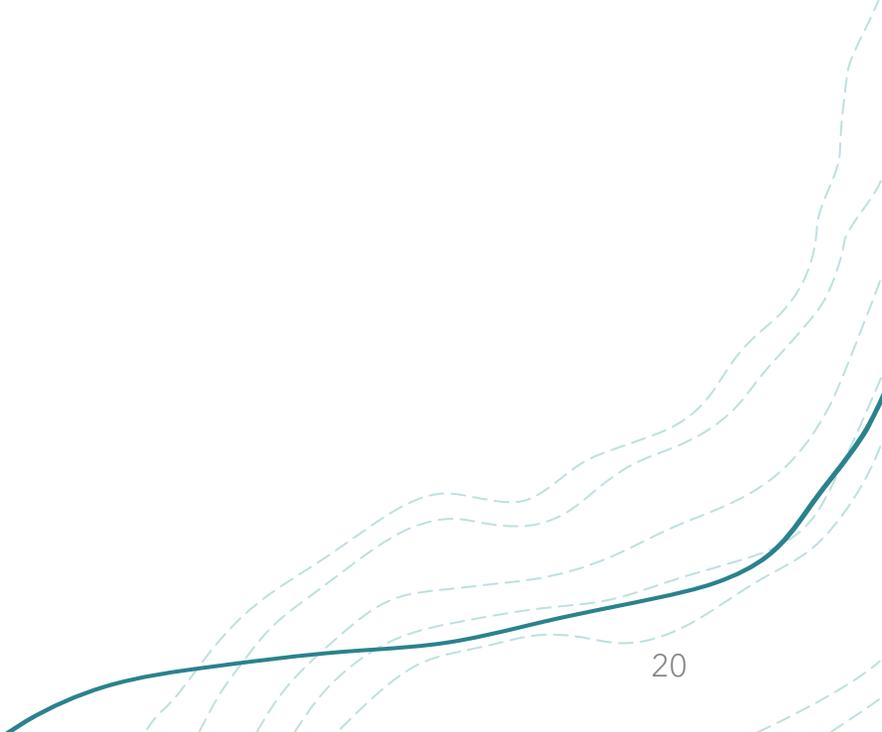
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B2	3.2	5.1	4.4	3.0
C3	2.1	1.7	2.5	2.8
D4	4.5	2.2	1.7	7.0



MICHAELA HEINSON

Associate Director, Economic
Growth and Sustainability, Green
Industries SA



Circular Economy and Regional SA

27 May 2022

Michaela Heinson

Associate Director, Economic Growth and Sustainability

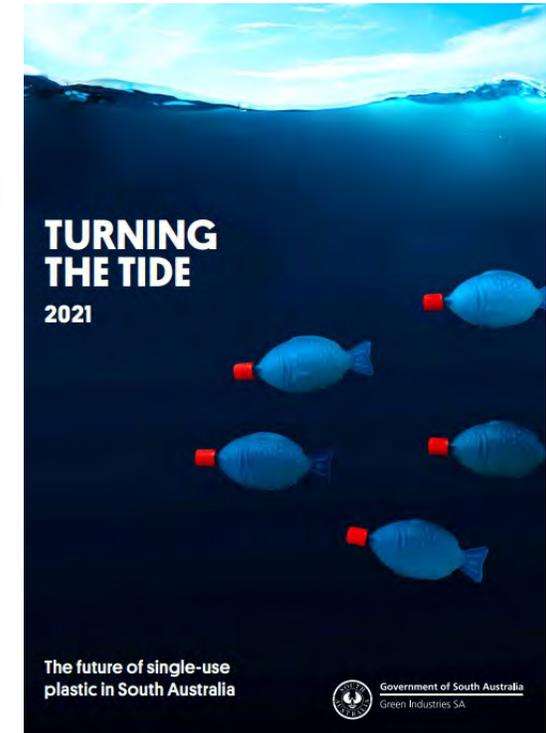


Government of South Australia

Green Industries SA

Green Industries SA

Green Industries SA is leading South Australia's transition to a circular economy to grow our economic prosperity, improve and sustain our environment and increase our wellbeing.



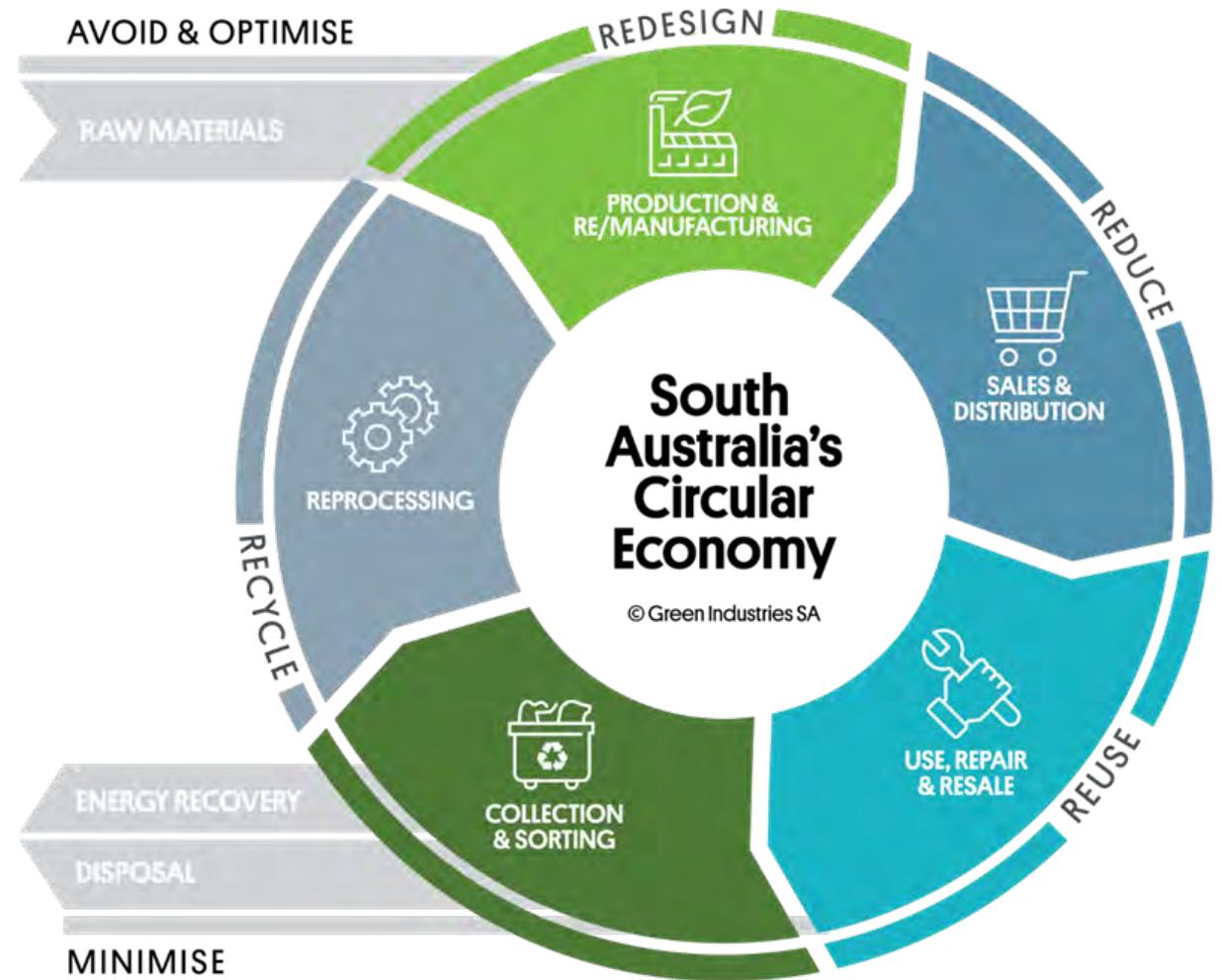
Circular Economy

Reduces

- Waste and pollution
- Economic loss
- Use of raw materials
- Water and energy use
- GHG emissions

Increases

- Economic return
- Social outcomes
- Natural systems



Potential outcomes for SA's Circular Economy



25,000 new jobs

By 2030 under a circular economy in design and manufacturing, food production, efficiencies, new business models and services



\$12.6 billion

Estimated in economic benefits by 2050* from reduced production costs and new business growth



27% reduction

By 2030 in reduced greenhouse gas emissions and improved environmental outcomes



Sovereign risk and global competitiveness

Ensuring resilient local supply chains and ESG to ensure competitiveness in global markets demanding low carbon credentials



Reduce waste and pollution

Reduce waste, litter, plastic and other pollution



Greater value from resources

Creating greater value through products and materials by increasing product life



Enhanced wellbeing

Supporting wellbeing, enhanced quality of life and social cohesion through community sharing and social good enterprises



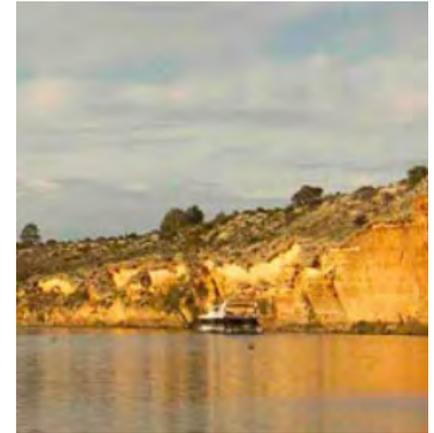
Building on SA's competitive strengths

In South Australia's resource recovery, energy, Hi-Tech, innovation.

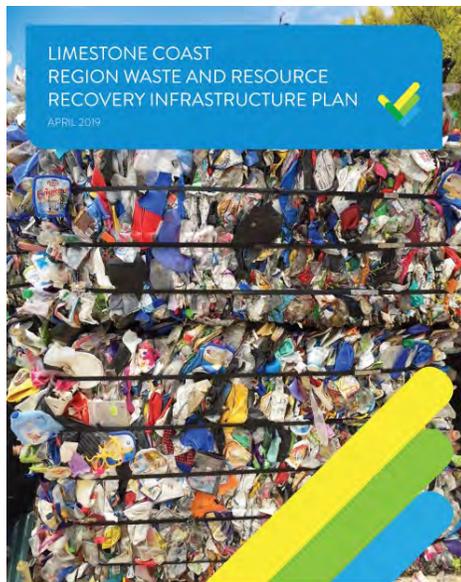
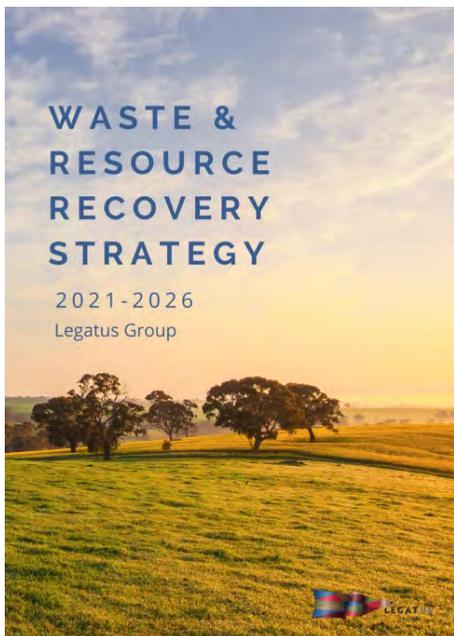
Regional approaches in SA

Circular Economy Blueprints are near completion for two leading regional RDAs in SA: Murraylands & Riverland, and Limestone Coast.

- **Resource and Economic Flow Mapping** – Water use, energy use, raw material use, freight use, GHG emissions, and waste generation were all mapped according to industry sectors
- **Regional Priorities** – Stakeholder interviews and desktop analysis of current political, economic and environmental drivers for the regions
- **Identified Priority Sectors** – Information from earlier stages was analysed to identify priority focus sectors for the regions
- **Mapped Circular Economy Opportunities** – A longlist of circular economy opportunities relevant to these sectors was developed
- **Quantified Opportunities and Shortlisting** – Longlisted opportunities were further refined through a high level impact analysis in close consultation with key regional stakeholders (RDAs, LGAs, GISA, AusIndustry) to test community resonance
- **Sector Action Plans** are being developed to be included within Final Regional Blueprints – Detailing key aspects, benefits, case study examples, relevant stakeholders and next steps.



Regional Waste Strategies and Waste Diversion Targets



A Report on Waste Management Infrastructure for South Australian Regional Organisation of Councils



February 2021

Prepared by

Simon Millcock CEO Legatus Group with input from the Reference Group

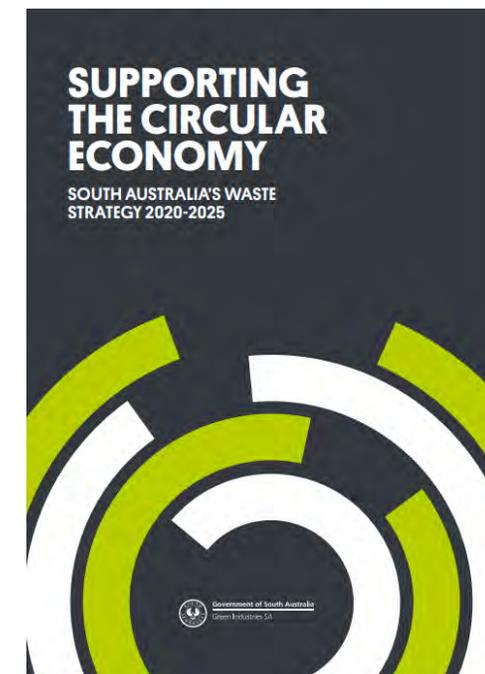
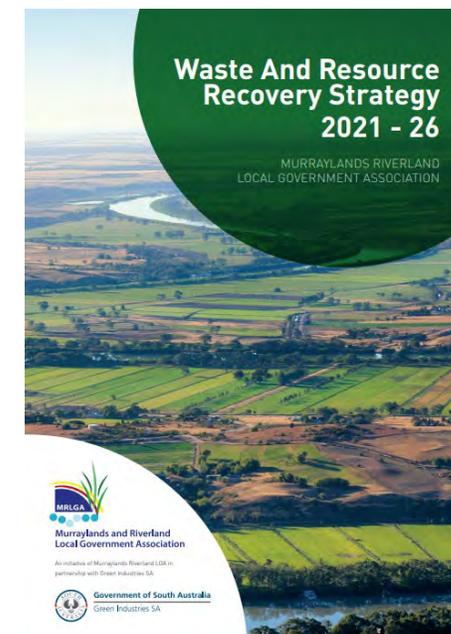
Regional SA Waste and Resource Recovery Background Report

South Australian Regional Organisation of Councils



BY 2023

Regional Waste Management Plans are in place for all South Australian regional local government areas and/or regional city clusters and set regionally appropriate and progressive waste diversion targets



<https://www.greenindustries.sa.gov.au/funding>

(Note: no current rounds)



Circular Economy Market Development Grants



RMF Recycling infrastructure for soft plastics funding



Recycling Infrastructure Grants



RMF Regional and Remote Communities



Kerbside Performance Plus Food Organics Incentives Program



Food Waste for Healthy Soils recycling infrastructure grants

Circular Economy Market Development Grants

Grants for councils, industry associations, not-for-profit organisations, research institutes, and businesses

Round 4 – assessments are underway

✓ **Circular economy business models and practices**

✓ **Recycled materials and recycled-content products**

Plastics, paper and cardboard, glass, tyres, scrap metals, e-waste, textiles and organics

Accelerate adoption of circular economy business models and practices

Increase duration of product and material lifecycles and value

Increase in quality, performance and market demand

Create new market or expand existing market

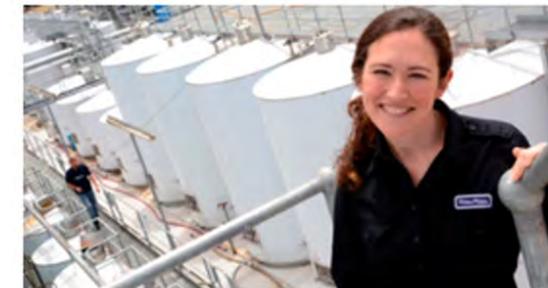
Improve the quality and supply of waste feedstock & improve market confidence

Connect buyers with suppliers



Business Sustainability Program - Grants

	Since 2006-07	2020-21
Number of businesses	886+ sites reached 228 Grantees	211 sites reached 12 New Grantees
Estimated Potential Benefits	Last 4 years	2020-21
	50 businesses	15 businesses
Economic	\$4.6M	\$0.5M
CO ₂ reduction	11,366 tonnes	734 tonnes
Water reduction	57 ML	0
Landfill diversion	420 tonnes	236 tonnes



Assess-Implement-Monitor (AIM) Grants

AIM grants provide a subsidy for businesses to assess ways to implement more economically and environmentally sustainable practices. Funding is available for businesses and not-for-profits...



Lead-Educate-Assist-Promote (LEAP) Grants

LEAP Grants support industry and business groups to drive a more resource efficient and circular economy for SA. Grants are available for industry associations and...



Program Highlights – businesses

Adelaide's finest supermarkets
FREWVILLE | PASADENA **FOODLAND**



South Australian **Film Corporation**



Net Zero pathways – Scope 1, 2 and 3 emissions

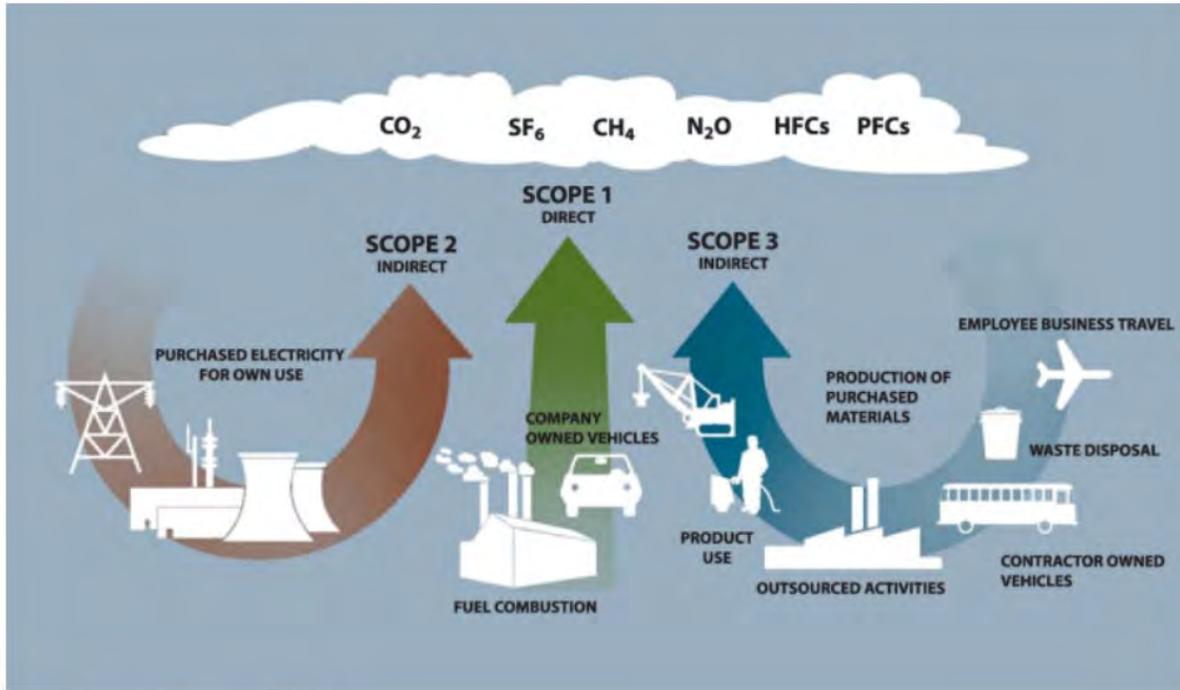


Image from World Resources Institute

Scope 1 emissions are emissions directly generated at your operations.

Scope 2 emissions are caused indirectly by consuming electricity. These emissions are generated outside your organisation, but you are indirectly responsible for them.

Scope 3 emissions are also indirect emissions and happen upstream and downstream of your business. Examples are waste, air travel, consumption of goods and services, contractor emissions, or leased assets.

Switching to renewable energy is only half the story, it only addresses 55% of global emissions. To reach net-zero, we also need to change the way we make and use products, materials, and food.

ellenmacarthurfoundation.org



Thank You

Michaela Heinson
www.greenindustries.sa.gov.au



Government of South Australia
Green Industries SA



GARY MAVRINAC

DIRECTOR, DEVELOPMENT &
ENVIRONMENTAL SERVICES, THE
BAROSSA COUNCIL



RACHAEL HAMILTON

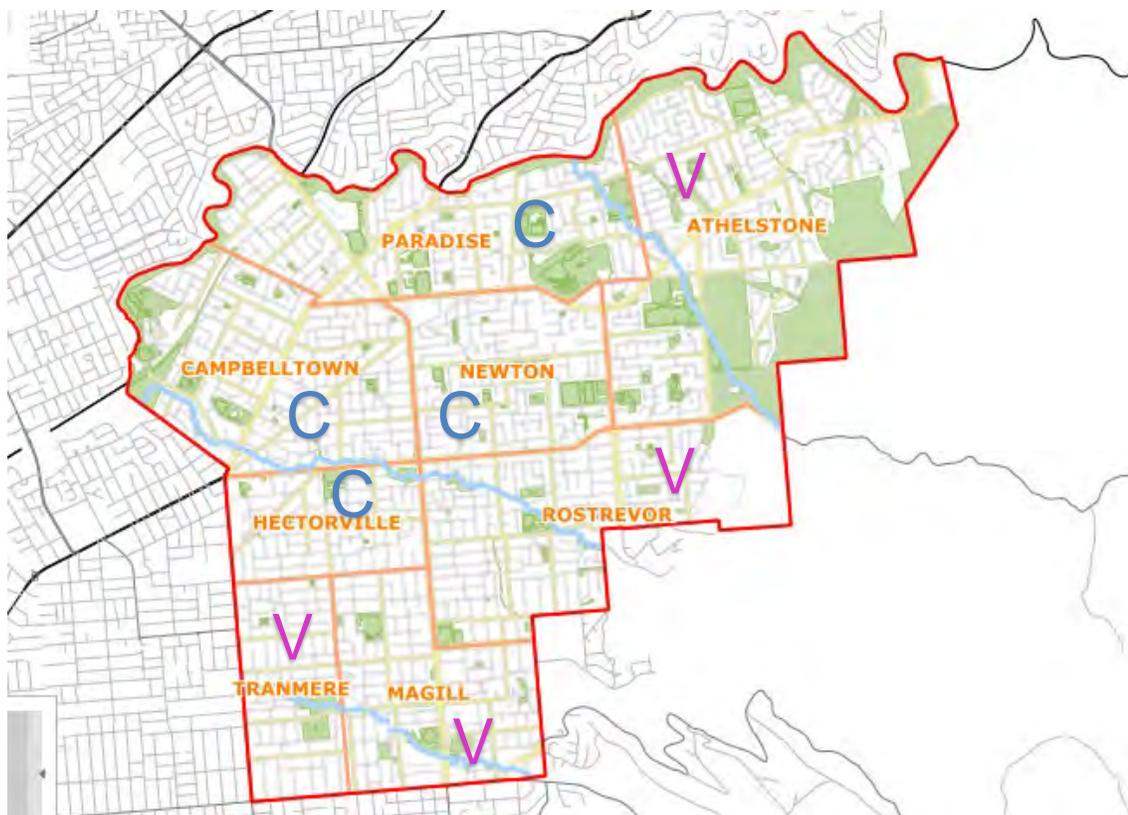
ENVIRONMENT & SUSTAINABILITY
CO-ORDINATOR, CITY OF
CAMPBELLTOWN



#Give an Hour Waste Warriors Project

*Rachael Hamilton,
Coordinator Environment & Sustainability*

About the project

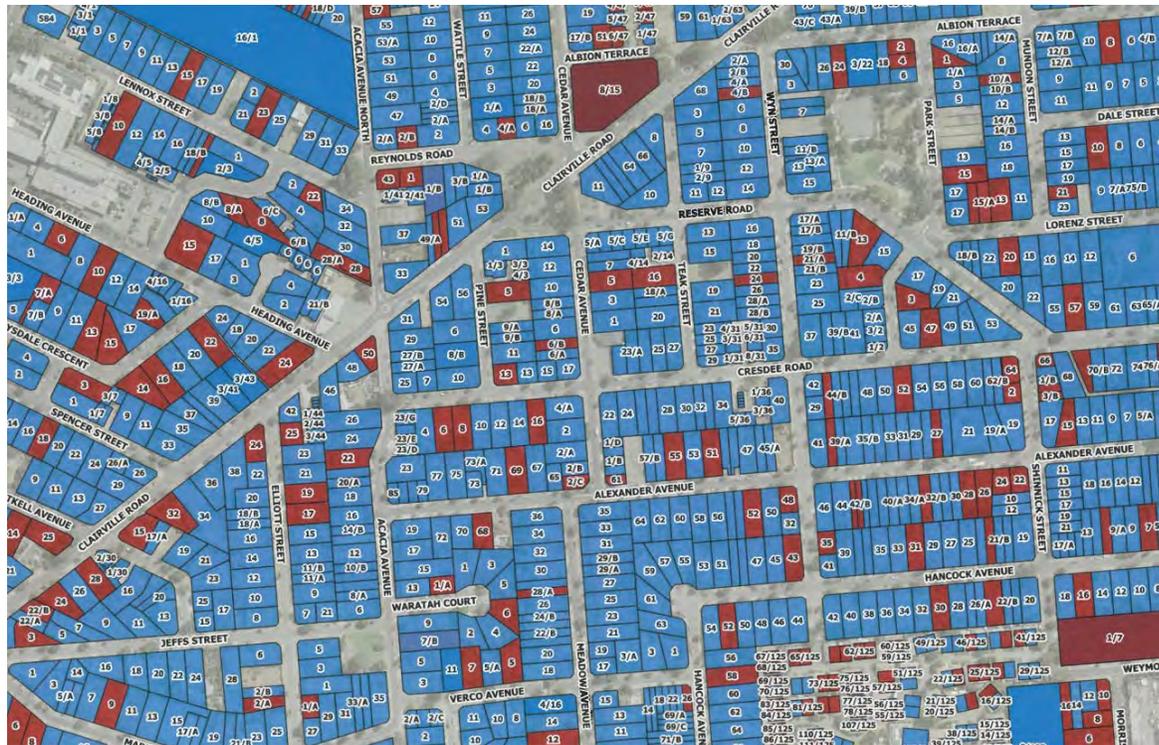


Key stats:

During August to September 2020
150+ Waste Warriors have:

- Assembled 18,000 kitchen caddies
- Packed 9,000 with compostable bags and information
- Delivered to 9,000 households in Tranmere, Magill, Rostrevor and Athelstone
- Provided 780+ hours gifted to the Community

Logistics – getting it off the ground



Recruitment



CAMPBELLTOWN
CITY COUNCIL

#Give an Hour
If everyone who could, gave one hour of their time to their community
imagine how even more amazing Campbelltown would be!

Waste Warriors

Council is delivering kitchen caddies and compostable bags to every house in the Campbelltown area. We are seeking individuals, friends, families and groups who would like to [#giveanhour](#) and become:

Waste Warrior Packers Located at the Waste Warrior Hub Brookside Cellars, Moore Street Tranmere Role: Assemble caddies; Assemble and pack caddies with compostable bags and materials ready for delivery	Waste Warrior Deliverers Pick up location: Waste Warrior Hub Brookside Cellars, Moore Street Tranmere Role: Pick up and deliver kitchen caddies to houses suburb by suburb (drop off service so no need to door knock) Mark off house deliveries on your sheet
--	--

WHAT IS THE WASTE WARRIOR PROJECT?
Council received a grant to give every house a free kitchen caddy and bag of compostable bags to those houses without one.

The target numbers for the project:
3,000 kitchen caddies assembled, packed and delivered by Waste Warriors to the following households:
• Tranmere (1435)
• Magill (2575)
• Rostrevor (2563)
• Athelstone (2895)

9,000 kitchen caddies assembled by Waste Warriors and delivered by contractors to Newton, Campbelltown, Hectorville and Paradise

Benefits

- Give an hour of your time (or more) and make a real difference in your local community
- Support the reduction of food waste to landfill
- Get your steps up
- Fun volunteering environment with full training

WASTE WARRIOR HUB
Brookside Cellars, Moore Street Tranmere

To see all dates and times the Hub is open visit www.campbelltown.sa.gov.au/giveanhour

Contact Tracy Johnstone 83669214 or tjohnstone@campbelltown.sa.gov.au

Providing a quality lifestyle

#Give an Hour
If everyone who could, gave one hour of their time to their community
imagine how even more amazing Campbelltown would be!

This basket has been assembled by a Campbelltown Waste Warrior who gave an hour of their time to pack and deliver your kitchen caddy to your doorstep.

If you would like to 'pay it forward' by helping pack and deliver someone else's kitchen caddy you too can become a Waste Warrior!

Waste Warrior Hub, 15 Moore Street Tranmere

For details on when the Hub is open see the website www.campbelltown.sa.gov.au/giveanhour or

Call 8366 9214 or tjohnstone@campbelltown.sa.gov.au

Providing a quality lifestyle

The Waste Warrior Hub



The Waste Warriors Hub



Communication



#Give an Hour

If everyone who could, gave one hour of their time to their community imagine how even more amazing Campbelltown would be!

WASTE WARRIOR NEWSLETTER NO. 4
September 15 2020

Great job yet again this week by our Waste Warriors!

Task	Numbers
Baskets, handles and lids received as of 7 September 2020	13,000 (72%)
Caddies packed	7,240 (80%)
Caddies assembled	5,760 (64%)
Delivered	Tranmere 100%
	Magill 1,957 (76%)

What's coming up:

We are tracking so well in the project we are now on a **short PACKING HOLIDAY**. We have packed all the current stock so it will be deliveries for now.

The FINAL delivery of baskets, lids, handles and bags for assembling and packing will be Monday 28 September. We invite all our Waste Warrior Packers back to join us (see dates on the back)

WHAT IS THE WASTE WARRIOR PROJECT?

Council received a grant to give every house a free kitchen caddy and bag of compostable bags to those houses without one.

The target numbers for the project:

9,000 kitchen caddies packed* and delivered by Waste Warriors to the following households:

- Tranmere (1435)
- Magill (2575)
- Rostrevor (2563)
- Athelstone (2895)

19,000 kitchen caddies assembled** by Waste Warriors and delivered by contractors to Newton, Campbelltown, Hectorville and Paradise

- *basket assembled with bags and inserts
- ** basket assembled with no bags or inserts

Waste Warrior Hub is in Moore Street, Tranmere

www.campbelltown.sa.gov.au/giveanhour for all project details

Call Tracy 8366 9214 or see Bianca at the Waste Warrior Hub

Providing a quality lifestyle



Upcoming Dates for packing and delivering (we can suit you for delivery)

Day	Date	Time
Wed	16 September	9.30-12.30 DELIVERY ONLY
Sat	19 September	9.30-12.30 DELIVERY ONLY
Sun	27 September	1.30-3.30pm DELIVERY ONLY
Wed	30 September	9.30-12.30pm PACKING RESUMES
Fri	2 October	3-6pm
Wed	7 October	9.30-12.30pm
Sun	11 October	1.30-3.30pm

Thank you to the following Waste Warriors:

- Rosina Abarno
- Tony Abarno
- Graham Barrington
- Louise Barrington
- Julie-ann Bennet
- Zak Blisborough
- Judy Black
- DI Booker
- DI Born
- Caroline Broersing
- Isabel Burdett
- Kristin Burdett
- Gerry Butler
- Brett Calver
- Lorraine Cannan
- Nick Carlusso, Sue and Melissa
- Julie Carman
- Megan Castle
- Olga Centofanti
- Indr Chandrawnsr
- Sue Chen
- Rosa Ciaravolo
- Vanessa Crellin
- Amy Chu
- Joseph Chu
- Sam Chung
- Will Chung
- Bianca Connelly
- Hannah Connelly
- Liam Connelly
- Maria Coppola
- Nicole Coppola
- Joel De Pasquale
- Alexandra Davis
- Caitlin Davis
- Rosalie DeLuriant
- Marganta DeMarco
- Sabrina DeMarco
- David Desteno
- Elise Desteno
- Margaret Desteno
- Paul Di Lullo
- Vas Dolman
- Holly Doyle
- Tom Doyle
- George Doyle
- Mike Dunton
- Mark Ferguson
- Danielle Ferraro
- Tihansi Fernando
- Elizabeth Flores
- Ella Fulgrabe
- Zohre Gagheb
- Cathie Graham
- Alison, Georgia and Evie Hall
- Alicia Hammond
- Darren Hammond
- Madison Hammond
- Michelle Hammond
- David Hancock
- Pauline Hancock
- Judy Hayes
- Annabel Hollis
- Robert Hollis
- Councillor Sue Irvine
- Sharon and Hannah Jamieson
- Chris Jarowjy
- Val Jarvis
- Tracy Johnstone
- Jess Kenny
- Cooper Kenny
- Ryder Kenny
- Brian Kirke
- Kathenne Krempel
- Noah Leydon
- Elaine Lister
- Harvey Lyall
- Ella and Kevin Ma
- Liran Ma
- Cecilia Mantilla
- Yvonne Menz
- Vivienne Mills
- Kathy Monterosso
- Finn Munro
- Jane Muras
- Kirsten Nield
- Joanne Pech
- Rod
- Graeme Packer
- Vicky Packer
- Lucy Parvia
- Rina Parvia
- Kathy Pfeiffer
- Jennifer Read
- Maria Ruestolo
- Anita and Indi and Luka Rosso
- Diane Schluter
- John Schluter
- Divsha Sharma
- Gokul Sharma
- Ron Sinclair
- Scott Sinclair
- Ravindar Singh
- Ella Sloan
- Carole Smith
- Nicole Smith
- Mayur Soni
- Deepika Soni
- Manas Soni
- Stan Spicer
- Carlie Strawbridge
- Cayleigh Stock
- Michelle Stock
- Sean Stock
- Nan Sun
- Nardia Symonds
- Teng Tan
- Andrew Taranta
- Jo Taranta
- Thilini
- Mardi Tucker
- Rani Turner
- Joe Vaiana
- Ying Xu
- Eli van der Walt
- Zaira Viridi
- Sharan Viridi
- Helen Ward
- Stuart Ward
- Rob Webbe
- Garry Wedding
- Angela White
- Mayor Jill Whittaker
- Greg and Marilyn von Thiem
- Dilshan and Dillon Wijesuriya
- Flora Zhang
- Yi Zhang
- Yixin Zhang



Ian and Julie Carman adopted the streets around their home to deliver which is about 350 households!



St Ignatius year 11 students @giveanhour as part of their Community Service hours



The Comets Netball team had their practice at the Waste Warrior Hub to #giveanhour

416 #giveanhour hours gifted to the Campbelltown Community!



<https://youtu.be/oOHn7leIUUE>

Recognition



#Give an hour BBQ



Visit from the Governor!

- Collaboration is key!
- Team effort
- Clear roles

Give an Hour still going strong!



- Bin Buddies
- Community programs



TIM HACKETT

QSE MANAGER, HENSCHKE WINES
& WINE INDUSTRY SUSTAINABLE
PACKAGING ALLIANCE CHAIR

May 2022

TIM HACKETT - WISPA: CHAIR



HENSCHKE: QSE MANAGER

**A COLLECTIVE
IMPACT MODEL
IN THE
AUSTRALIAN
WINE INDUSTRY**

**2022
REGIONAL SA
WASTE & RECYCLING FORUM**

AGENDA

The Wine Industry Sustainable Packaging Alliance (WISPA)

- History
- Membership
- Projects

Barossa Recycling Project

- Scope
- Report
- Result

Stakeholder Engagement



APCO 2025 NATIONAL PACKAGING TARGETS

- 100% reusable, recyclable or compostable packaging
- 70% of plastic packaging being recycled or composted
- 50% of average recycled content included in packaging (revised from 30% in 2020)
- The phase out of problematic and unnecessary single-use plastics packaging



Figure E1: Progress towards the 2025 Targets, 2019-20

[^]Data shown excludes wood packaging due to insufficient data

THE WINE INDUSTRY SUSTAINABLE PACKAGING ALLIANCE (WISPA)

- A collaborative group of individuals formed by a group of wineries with the assistance of APCO.
- Cooperation rather than competition to achieve greater sustainable impact.





WINE INDUSTRY SUSTAINABLE PACKAGING ALLIANCE HISTORY



MEMBERSHIP



Wineries: Pinnacle Drinks, Henschke, Accolade, Pernod Ricard, Treasury Wine Estates, Yalumba, Eisenstone, Brockenwood



Suppliers: MCC Labels, Label Makers, CCL, Orora Group, Scholle IPN, Guala Closures, VISY, KeyKeg, ENO Plastic, Amorim Cork



Organisations: APCO, Wine SA, KESAB, GISA, WISA

WISPA PROJECTS

- Packaging Assessments: Glass and Cardboard
- Sustainable Packaging Guidelines for Suppliers
- Industry Transparency on Recycled Content
- Retail Store Pilot: Waste Management and Recycling (with KESAB)
- Reduce Stretch Wrap
- **Barossa Recycling Project**
- Glass Stewardship Study
- Glassine Paper Recycling Initiative

BAROSSA RECYCLING PROJECT



Idea put forward at the first meeting in 2018



Stakeholders established in 2019



Report Presented in 2021



Working with Fathers Farm to assist them in plastic collection



Working with local plastics manufacturer on using recycled plastic in a new vineyard fence post design

WISPA STAKEHOLDER ENGAGEMENT

- A non competitive approach
- Collaboration is key
- Collective Impact produces results
- Inspiring others



QUESTIONS

CONTACT:

TIM HACKETT

tim@henschke.com.au

HENSCHKE





BRIANNA MCGEE

SENIOR POLICY OFFICER, LOCAL
GOVERNMENT ASSOCIATION OF
SOUTH AUSTRALIA

May 2022



CHRIS DAVEY

DIRECTOR DEVELOPMENT &
REGULATION, PORT PIRIE
REGIONAL COUNCIL



COUNCIL AND KESAB

Partnering to Engage with Community

Chris Davey

Director Development & Regulation,
Port Pirie Regional Council





PORT PIRIE REGIONAL COUNCIL

- **Community Plan Vision:** By 2025 the Port Pirie Region is the premier regional centre in South Australia where residents and visitors want to be.
- **Mission:** To progressively strive for excellence, lead with integrity and deliver positive outcomes for the community.
- **Goal No 5 Waste and Resource Recovery Strategy 2019-2024** Identify and implement best practice education programs to the community and industry.



CLEAR COUNCIL OBJECTIVES

- To reduce tonnage of municipal solid waste to landfill
- To reduce contamination in our kerbside recycling bins
- To reduce contamination in our kerbside organics bins.
- To provide ongoing educational opportunities to the community to learn about best waste and recycling practices.
- Who can assist us work towards our objectives?

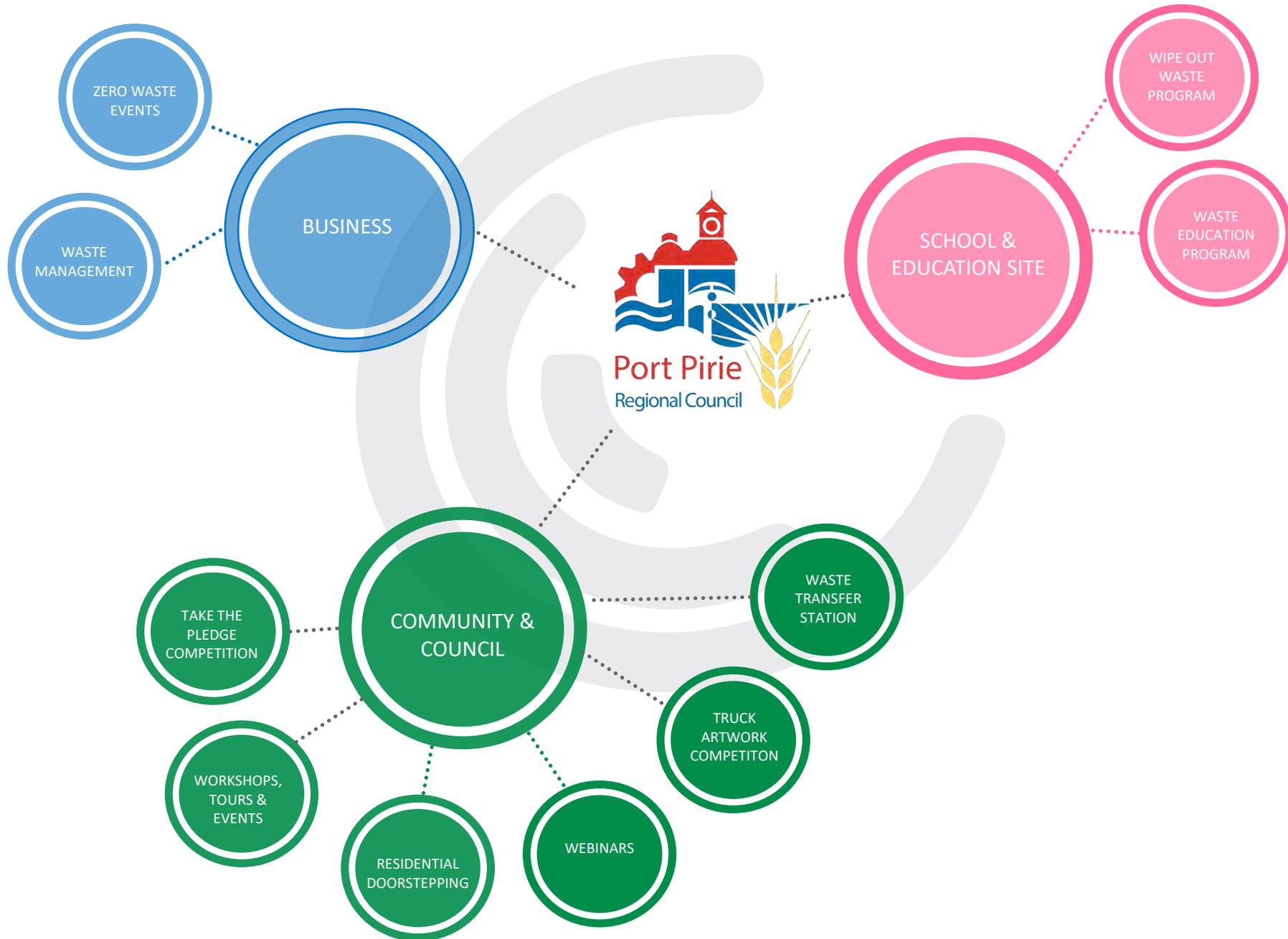


IN PARTNERSHIP WITH KESAB

Fostering sustainable behavior in
Port Pirie Regional Council

- Bin survey 2016
- Community
- Schools
- Business to come

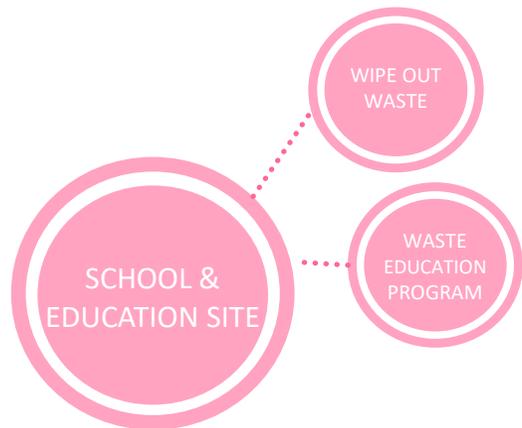






SCHOOL & EDUCATION SITES

- 80% of Port Pirie Regional Council schools engaged
- 56 waste and recycling incursions delivered
- Focussed site support
- Wipe Out Waste program



SCHOOL SHOWCASE



AIRDALE PRIMARY SCHOOL

- Since 2016
- Staff development, incursions and site support
- Council assisted to establish a Recycling Shed and purchase new bins to divert waste from landfill
- Students audit weekly and record data
- School sends 80% less to landfill since 2019!



COMMUNITY & COUNCIL

- Face to face education with > 1500 residents
- 29 workshops, tours, events and activities delivered or attended
- Informed community confident to act



TAKE THE PLEDGE

- Public display of household commitment
- Measurable program
- Significant results

*“As a parent I feel it is important to teach my children ways of reducing our contribution to landfill by composting our food scraps, recycling our soft plastics and using the yellow and green bins correctly. That is why I joined the program.”
Megan Congdon, Pledge participant*



> 400
households
joined

More than
60
Prizes
awarded

STATISTIC
TBC

TRUCK ART COMPETITION





TRUCK ART COMPETITION

'I made my artwork to teach people what's right and wrong. I wanted to inspire everyone to reduce, reuse and recycle so we can send less to landfill and keep our earth clean.'

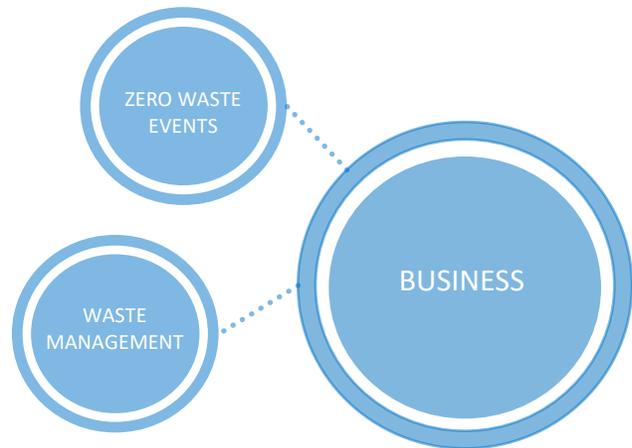
Ava Kotaras, 9 years old



BUSINESS

Working towards:

- Waste free events
- Work with our Business Port Pirie association





WHAT'S NEXT

- Further Commitment to our Schools
- Audits to compare Pledge and non-Pledged household waste output
- Which Bin Material
- Businesses





THANK YOU

 cdavey@pirie.sa.gov.au

 www.pirie.sa.gov.au



THANK YOU

Conclusion text here





2022 REGIONAL SA WASTE & RECYCLING FORUM & WORKSHOP

Community Initiatives Supporting Waste and Recycling for a Circular Economy





WENDY BEVAN

CEO, KESAB ENVIRONMENTAL
SOLUTIONS

WELCOME

Welcome to Country - Ngadjuri
Country
Angelena Harradine-Buckskin



2022 REGIONAL SA WASTE & RECYCLING FORUM & WORKSHOP

Community Waste Initiatives Workshop

Saturday | 28th May | 10am - 1pm

Host: Wendy Bevan, CEO, KESAB Environmental Solutions

9:45pm

Registration

10:00am

Welcome to Country

Angelena Harradine-Buckskin

Welcome & Housekeeping

10:10am

Copper Coast Council, KESAB & Community:
A Great Partnership

*Ivan Nolte, Co-ordinator Waste & Inspectorate,
Copper Coast Council*

10:40am

Community Groups in Action

*Fathers Farm: Tony Thiele
LionsClub: Pat Williams*

11:10am

Responsible Cafes

Marion Vigot, General Manager, Responsible Cafes

11:20am BREAK

11:40am

Small Scale Solutions with Big Benefits

*Transmutation: Brad Scott
Airdale Primary School: Luke Edwards*

12:00pm

Panel Discussion & Next Steps

*Simon Milcock, CEO, Legatus Group
Lou Chalmer, Wine Maker, Yume Wines
Marion Vigot, Responsible Cafes
Pat Williams, Lions Club*

12:45pm LIGHT LUNCH & CLOSE





IVAN NOLTE

COORDINATOR WASTE &
INSPECTORATE, COPPER COAST
COUNCIL

May 2022



COPPER COAST

lifestyle location of choice

**Copper Coast Council, KESAB & Community:
A Great Partnership**



TIMELINE

June 2020

Elected members approve FOGO implementation

Contact KESAB

September 2020

Bin Audit

Present to the elected members

Start with education programs in schools and with business owners

October 2020

Bin audit report

January 2021 – present

Regular visits to schools and businesses



KESAB







Lifestyle Location

COPPER COAST COUNCIL TEAM





Lifestyle

choice

COMMUNITY GROUPS



Lifestyle location of choice



WHAT DOES THE FUTURE HOLD?

- CONTINUED EDUCATION
- PROMOTE “TAKE THE PLEDGE” PROGRAM
- STILL INVOLVE COMMUNITY GROUPS



TONY THIELE

MANAGER, THE FATHERS FARM

May 2022



PATRICK WILLIAMS

NATIONAL ENVIRONMENT
COORDINATOR, LIONS AUSTRALIA

May 2022



ENVIRONMENT

Recycling and Sustainability Projects.



Bicycle Recycle, less to Landfill.

A very popular Activity with young families.



Recycle Soft Plastics

- What is a Soft Plastic?

The REDcycle Program

The REDcycle Program is a voluntary, industry-led initiative and a true product stewardship model where everyone involved in the life cycle of a product's packaging – manufacturers, retailers and consumers – choose to share responsibility for its best end-of-life outcome.

The REDcycle Program is proudly brought to you by these environmentally-responsible partner organisations.



Visit redcycle.net.au to learn more.
REDcycle by RED Group | E: info@redgroup.net.au

The REDcycle Program

The RED Group has teamed with Coles, Woolworths and some of Australia's most loved brands to bring you the REDcycle Program, an innovative recycling program that diverts plastic bags and packaging from landfill and turns them into the resource used to manufacture new products.



Visibility is the Key!

Set up a Stall in a Mall, outside a local hardware store, use Social media to promote, publicize as much as you possibly can!



Create a Sustainable Clare

*It's your future
Small changes - big impacts*

**POP IN TO OUR POP UP & OUR REPAIR CAFE
FRIDAY
OCTOBER 30, 2020
9.30AM - 2.30PM**

Edwards Plaza, Clare (opp the PO)

Find out how you can help -
chat to our guests

How you can help us move towards a sustainable future
through recycling and by being a thoughtful consumer

Small changes are all that's needed!

RECYCLE IT'S THEIR FUTURE



**Clare District
Lions Australia**
we serve

Recycle Household Batteries

- Contact Ecobatt.
- Based in Victoria.
- Operating Australia Wide.
- Keen to Help.

THE STORAGE AND SAFETY EQUIPMENT

10L & 20L Battery Tubes – Battery storage solutions to handle all sizes and types of mixed household batteries. Solid construction can handle from 5kg up to 40kg. Simple and efficient for small volumes.



Wheelie Bins - Up to 120L Wheelie bins to ensure safe weight limits are not exceeded. Can handle all sizes and types of batteries. Can hold up to 150kg of batteries with easy mobility.



Ecobatt Retail Containers – Retail self contained collection point containers. For use in heavy retail areas for the collection of mixed household batteries. GPS location tracked and electronic volume reporting. No requirement.



Pally Bin – A fork liftable more permanent solution to bulk used battery options. Great solutions for used lead acid batteries. Stackable for larger volumes. Hold up to 500kg per bin.

Lithium Fire Extinguishers – Ecocycle / Ecobatt would also recommend the option to supply a N-Ext Lithium fire extinguisher to each location. We are the exclusive Australian distributor for the purpose made Lithium Fire extinguisher. Traditional fire extinguishers will not put out a lithium battery fire.





"Creating a better environment"

GLEESON WETLANDS

Walking & Cycling Trail
200 m





Bird Hide

- This structure is a combination Bird Hide for Bird spotting, with a storage area built on one end for hand tools, spray backpacks, wheelbarrows and Herbicide.

GLEESON WETLANDS

THE WETLANDS

The Gleeson Wetlands is a Storm water Re-use Project focused on the reclamation of the redundant effluent ponds and the creation of wetlands integrated with the Hutt River basin. The scheme was designed to capture and clean up the equivalent of the entire annual urban storm water run off from Clare. The area of the effluent ponds has been off limits to the community for the past four decades, but with the development of the Gleeson Wetlands project a significant tract of land along the Hutt River has been opened for public access, recreation, amenity, lifestyle and environmental appreciation. The three ponds collectively have a volume of 35ML. The areas of each pond vary with flow and time of the year. The overall size of the Gleeson Wetlands is 4.1 hectares, and the walking trail around the ponds is 950 metres. The Gleeson Wetlands Project has been planned to connect with the recreational opportunities offered by the adjoining Golf Course, Ingham Lake, Makotohaka and the Basing Trail.

CLARE DISTRICT LIONS CLUB

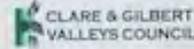
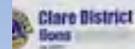
In May 2014, the Clare District Lions Club (Green Team) and the Clare and Gilbert Valleys Council created a joint venture to further develop the Gleeson Wetlands for use of the local community and the many visitors to the area. This included the planting of more than 5000 seedlings and ground covers to suppress weed germination. In the three years following their commitment to the Wetlands the Clare Lions Green Team has organised and financed the construction of shelters, a bird hide, nesting boxes and plant identification markers. Spraying, weeding, mowing and mowing are all undertaken by the Clare District Lions Green Team and members of the public are welcomed at busy bees.

COMMUNITY ENGAGEMENT

Lions are engaging the broader community in this partnership with the Clare and Gilbert Valleys Council such as the NRM Board, and local Scouts and the benefits are there for all to see. Local schools often visit as part of their curriculum to assist the Lions Green Team members with spreading mulch and weeding.

AWARD WINNING PROJECT

In 2015, the Lions Club of Clare District was the Overall winner of the Premier's Award and the Premier's Community Service National Environment Award for The Gleeson Wetlands Project.



A joint collaboration between the Clare and Gilbert Valleys Council & Lions Club of Clare District

Education!

- There are many signs around the pathways which have proven to be very popular, especially with all the tourists and students.

Free Labour!

- Many young school students visit as part of their school curriculum.
- All very eager to help and are always reluctant to leave.
- Great memories for them for the future!







Happy Visitors.

- They call the viewing slot “The Gun Turret”.



An Oldie but a Goodie!

- Surprisingly, we had one of these signs stolen, but replaced it with another using “One way” screws!





MARION VIGOT

GENERAL MANAGER,
RESPONSIBLE CAFES

May 2022



BRADLEY SCOTT

DIRECTOR, TRANSMUTATION PTY
LTD

May 2022



AIRDALE SCHOOL

RECYCLING SHED

May 2022



PANEL DISCUSSION

Lou Chalmer, Wine Maker, Yume Wines

Patrick Williams, National Environment Co-ordinator, Lions Australia

Simon Millcock, CEO, Legatus Group

Marion Vigot, General Manager, Sustainable Cafes

Championing Change Through Stories in Agriculture

Lou Chalmer





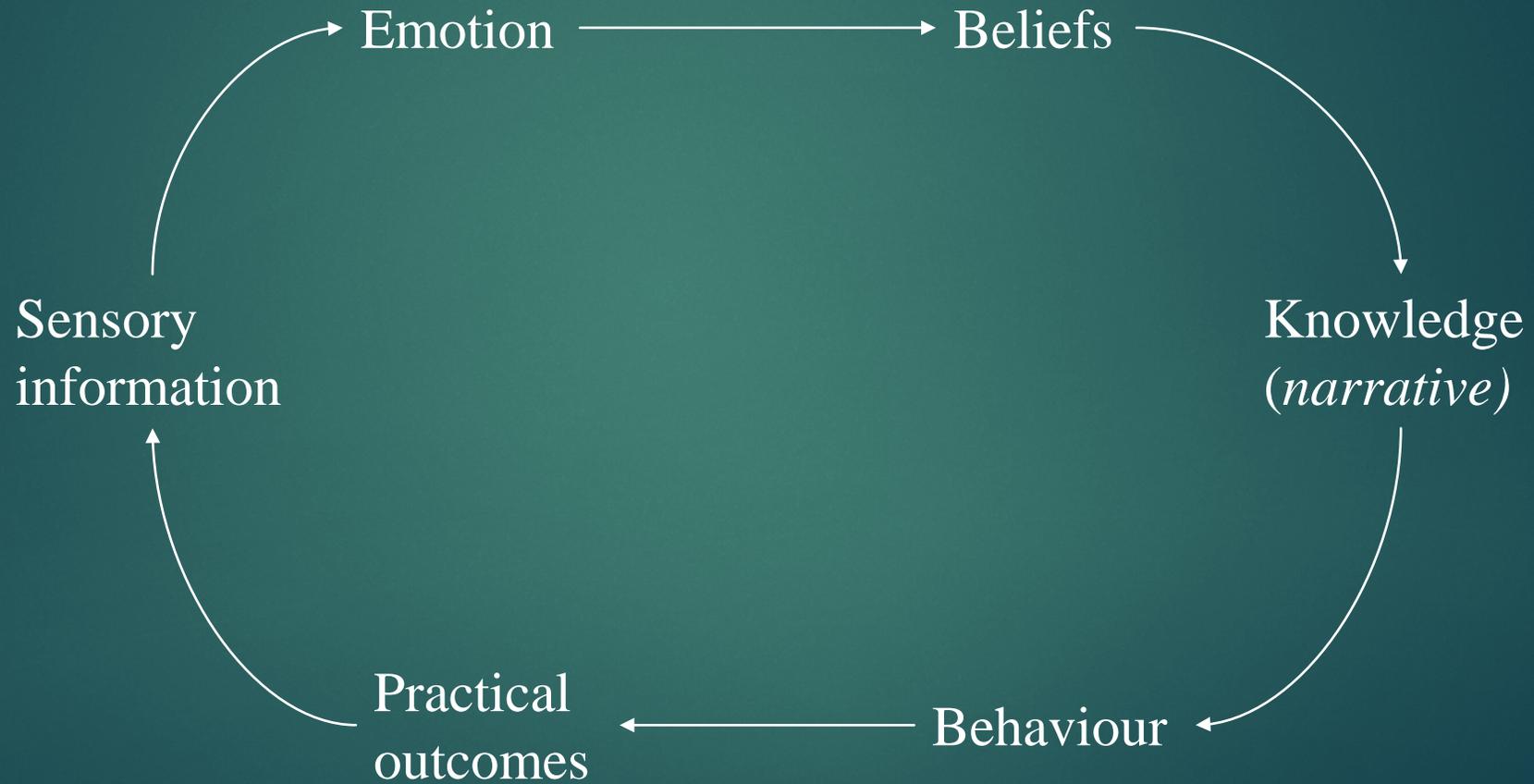
STAKEHOLDERS

- Beef producers
- Corporates
- Certifiers
- Butchers
- Industry body representatives

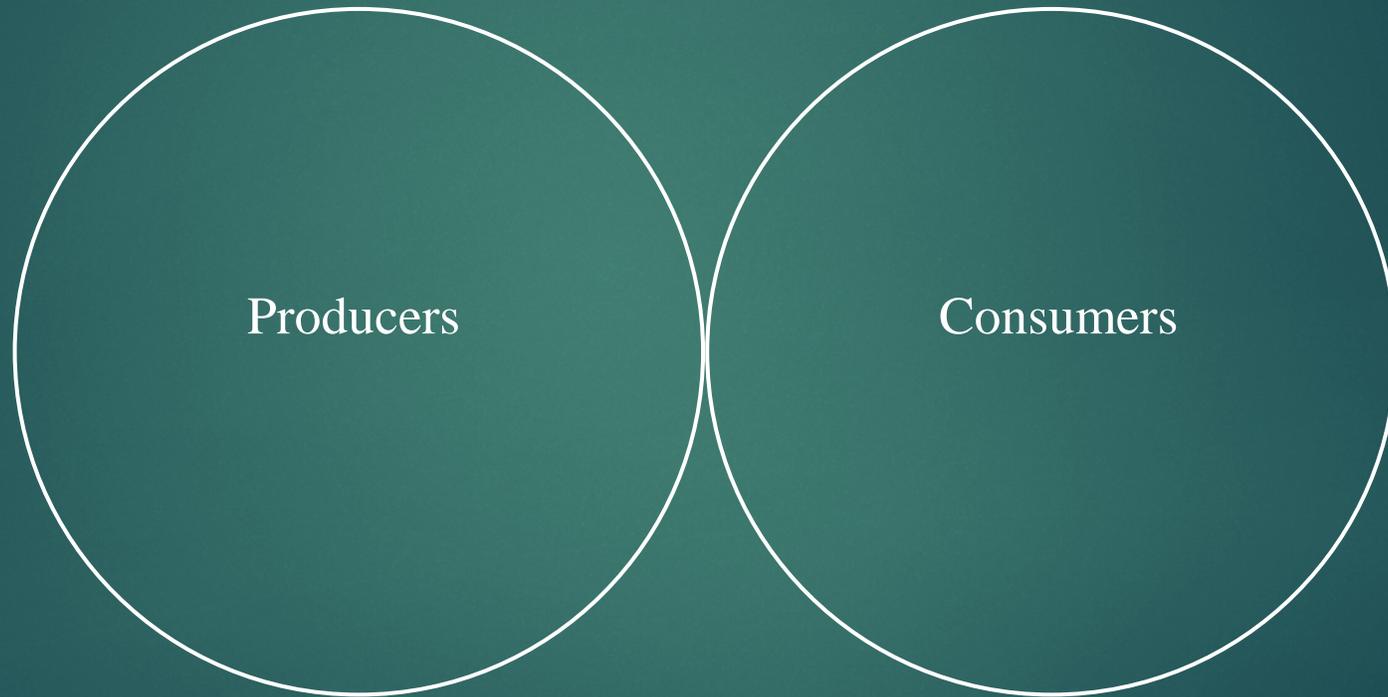
RESULTS

1. Lack of consensus in the interpretation of sustainability.
2. The industry is not sustainable but sees itself as on a sustainable trajectory.
3. There are major barriers to the industry becoming more sustainable.
4. Improved education and communication are seen as key enablers for sustainability.
5. Sustainability framework?

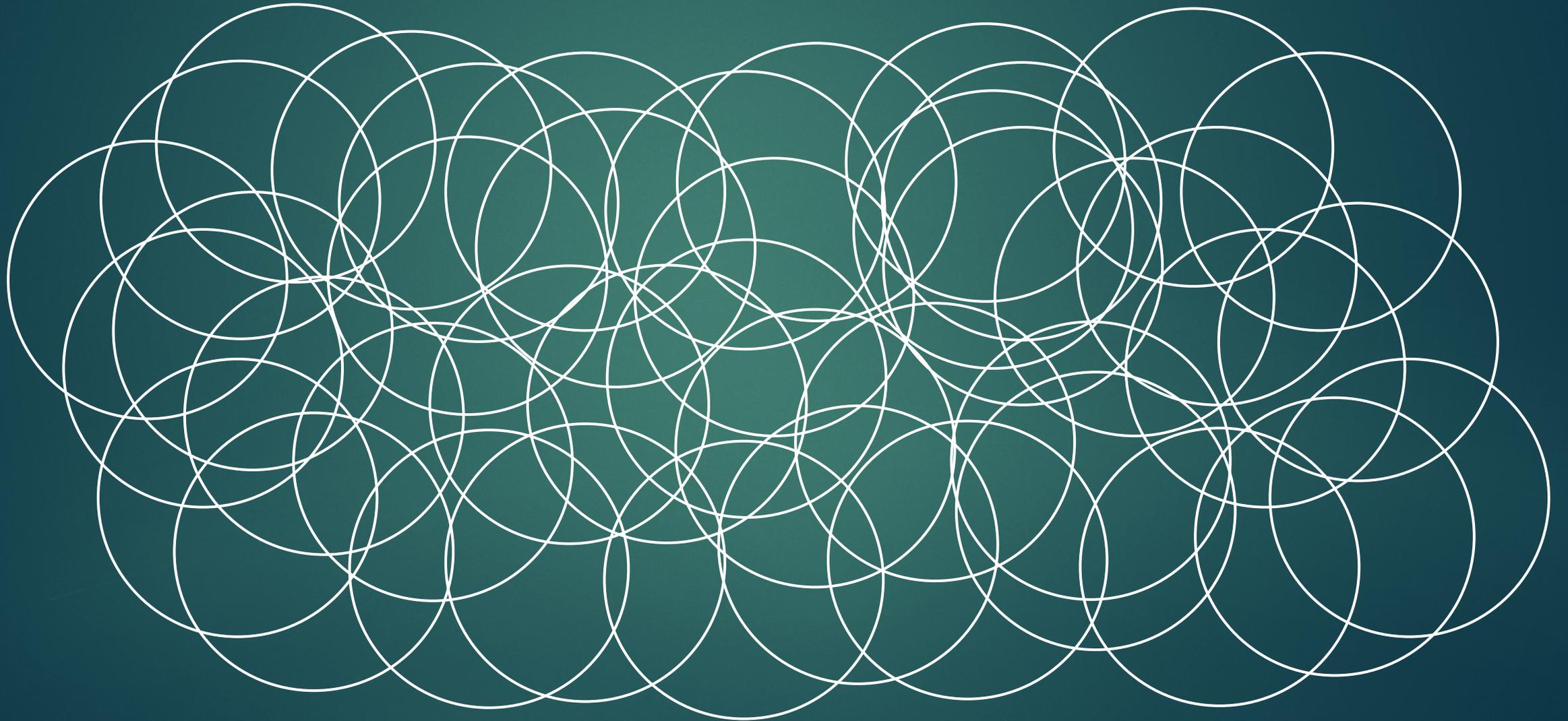
KNOWLEDGE SYSTEM



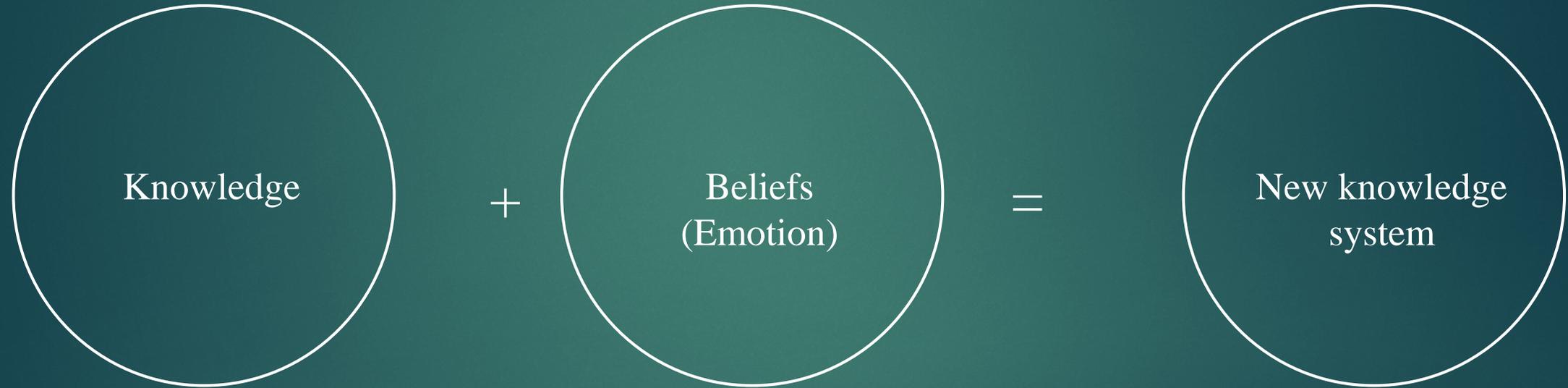
DISCONNECTION = FRICTION



CONNECTION = TRACTION



TRANSFORMING KNOWLEDGE SYSTEMS







 AUSTRALIA'S MOST DIVERSE
 SAVING OUR SPECIES


THE BUSINESS OF BIODIVERSITY

Lou Chalmer
 Agronomist and Winemaker

If you can pay farmers more for whatever they produce

Listen on   



Data moves science. Story moves culture.

- Dan Engle



THANK YOU

Conclusion text here

