



Future Directions for a Circular Economy

Circular economy as the basis for
moving towards zero waste society-
Case of SouthAustralia.

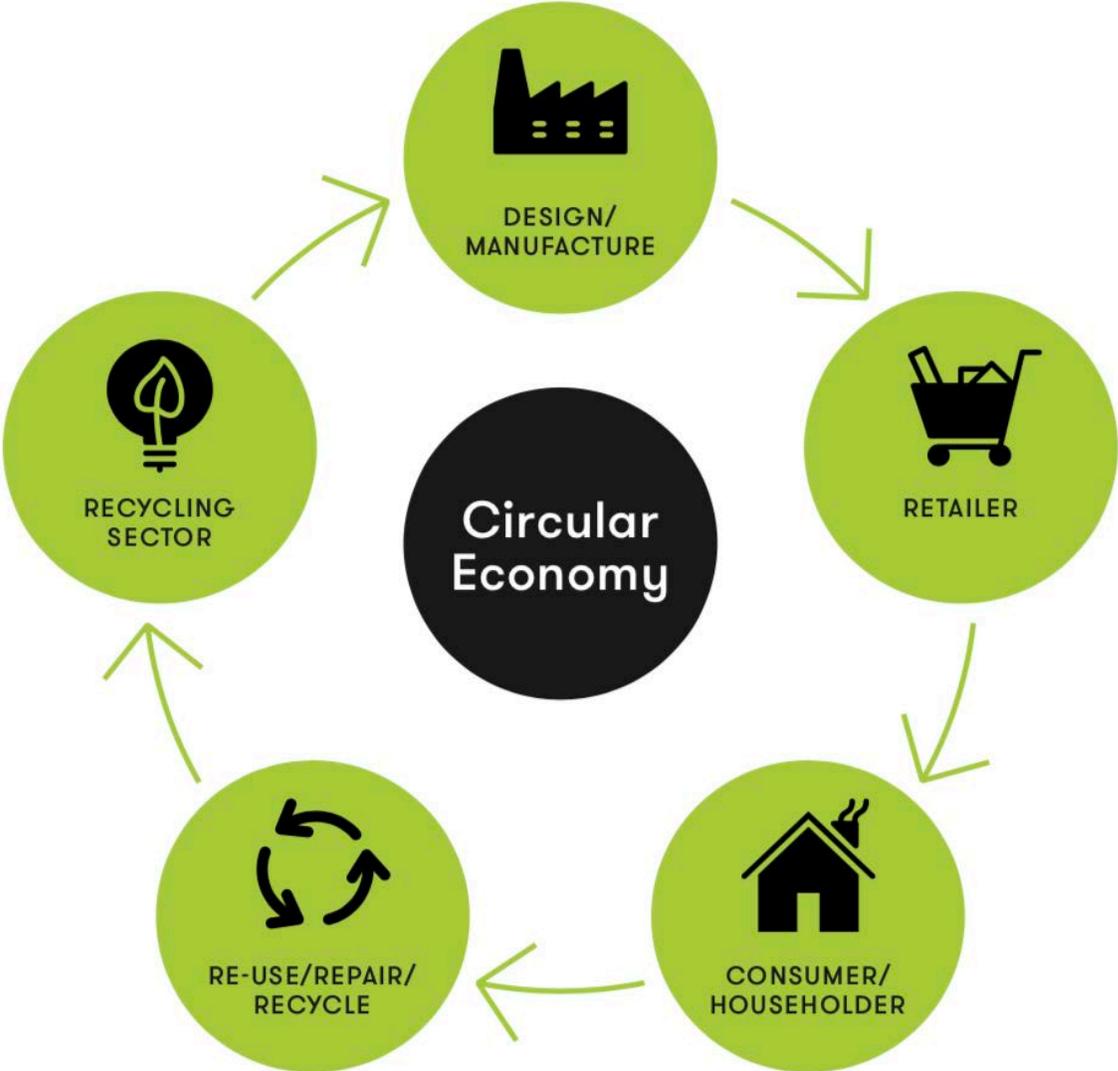
V Levitzke PSM
Chief Executive



Government of South Australia
Green Industries SA



The Adelaide Declaration



What's the Value of a Circular Economy?



CREATE AN ADDITIONAL
25,700 FULL TIME
EQUIVALENT JOBS

- 21,000 jobs by actioning material efficiency gains
 - 4,700 jobs by actioning efficient and renewable energy gains
-

Number of jobs created (FTE)
relative to BaU

0.0 5k 10k 15k

Size of sector (FTE)
circular economy

Sector

Professional, scientific & technical services

87,000

Construction services

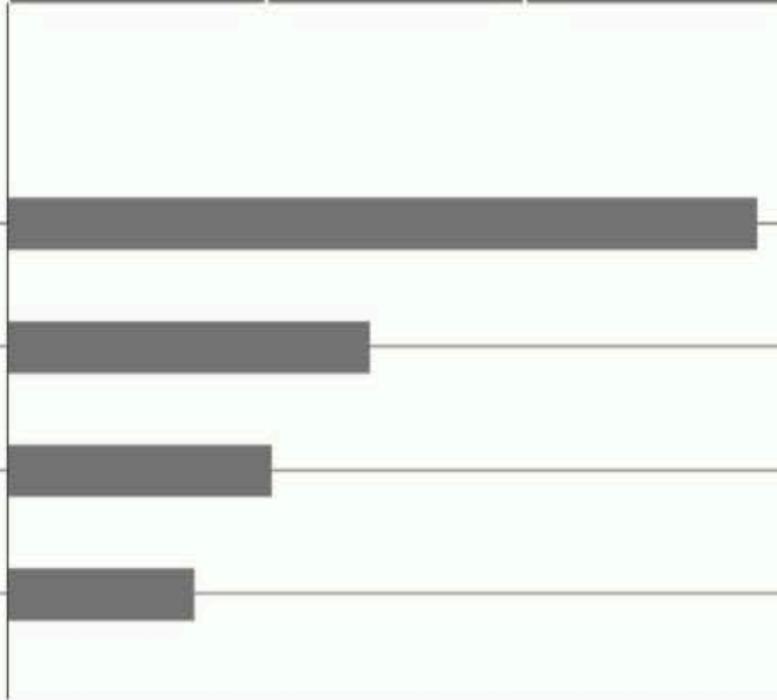
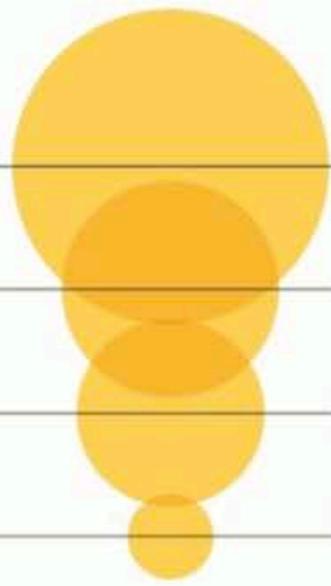
44,700

Personal & other services

33,500

Waste management services

6,900





**REDUCE SOUTH
AUSTRALIA'S
GREENHOUSE GAS
(GHG) EMISSIONS BY
27% OR 7.7 MILLION
TONNES OF CO2
EQUIVALENT**



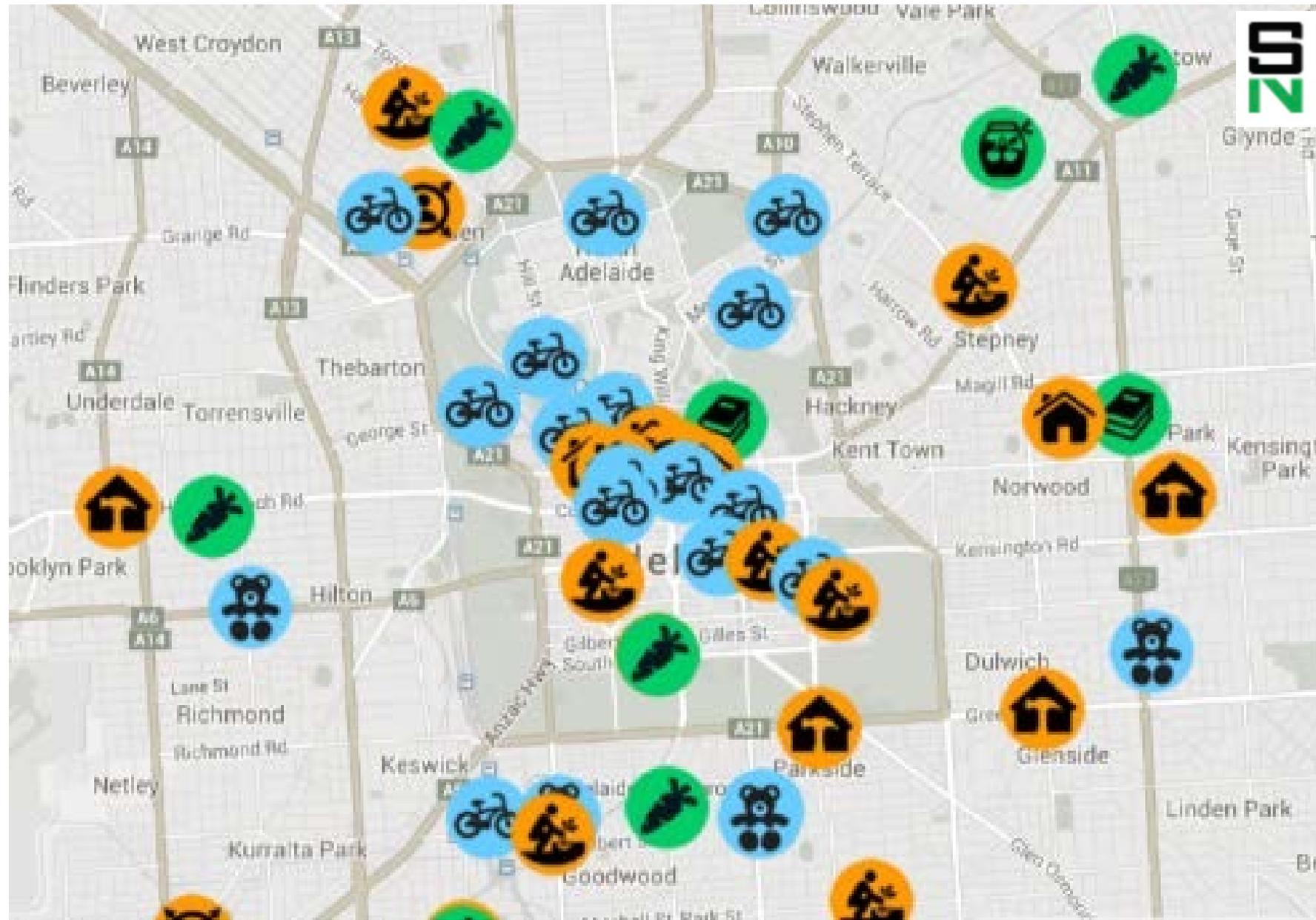
80% +

South Australia's recycling rate of more than 80% places the State in a good position to ensure that its resources circulate more. However, there are opportunities to make the current economic model more circular.

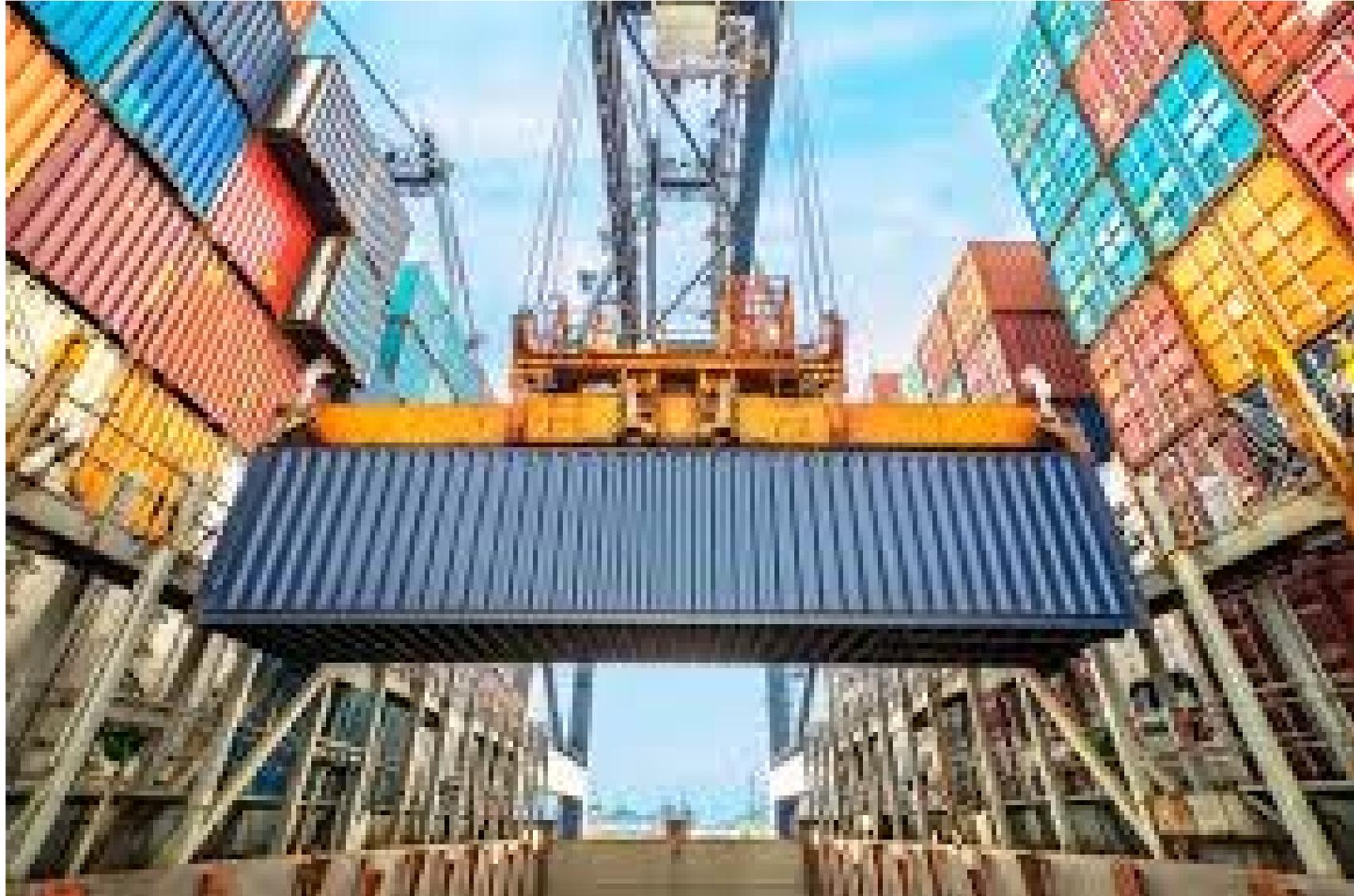
sundrop







China's National Sword Policy





What can we do?

- Better and more complete Case studies- **EXAMPLES**
- **EDUCATING** Consultants and economists to understand and can apply this with businesses – Curriculum in Universities
- **EMPLOY** people who understand the problems and are prepared to work on and deliver solutions
- **EMPOWER** people to make the changes
- **ENABLE** better use of resources by building the infrastructure, the business models.
- **ENCOURAGE** with the use of incentives and disincentives.
- Allowing and fostering **CREATIVITY**.



Summary

- **We have started**
- **We need to be innovative**
- **We need more:**
 - **Case studies**
 - **Research**
 - **Education**
 - **Capacity**