

EU World Cities Adelaide/Manchester

Matt Waltho

**Sustainability & Special Projects Manager
Tonsley Innovation District, RenewalSA**

11 October 2017



Government of South Australia

Department of Environment,
Water and Natural Resources



Adelaide, South Australia



State Economic Priorities

- City vibrancy
- Food and Wine exports
- Knowledge State
- Health research leader
- Innovation & place to do business – international connections
- Capitalise on renewable energy resources
- SME growth to global market



Government of South Australia

Department of Environment,
Water and Natural Resources



Our Achievements

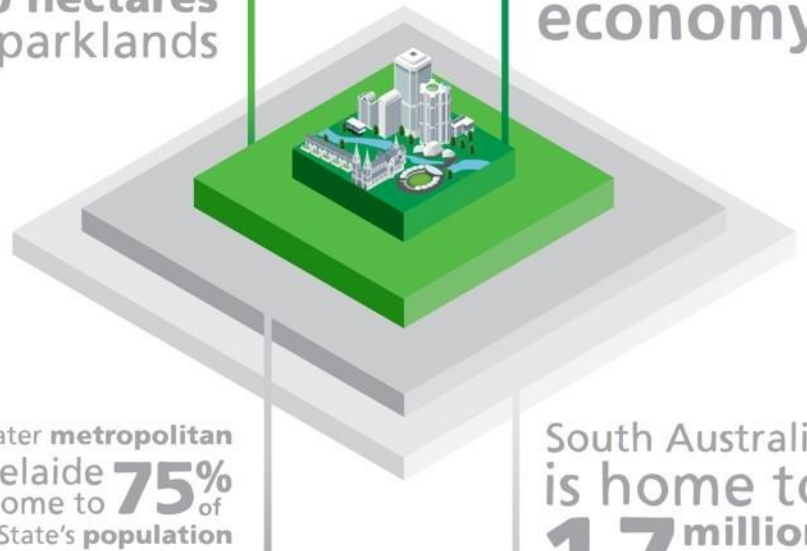
- Nearly 1 in 3 houses in South Australia have solar panels
- Our current C&D recycling rate is over 81%
- Our renewable energy production in 2015-16 was 52% of the State's total
- Adelaide is the first Cisco Lighthouse City in Australia – Gig economies
- We are one of the first states to complete regional adaptation plans for all regions

The City of Adelaide is surrounded by **760 hectares** of parklands

The **city** receives **262,000** daily visitors and accounts for **20%** of the state's economy

Greater **metropolitan** Adelaide is home to **75%** of the State's population

South Australia is home to **1.7 million** people

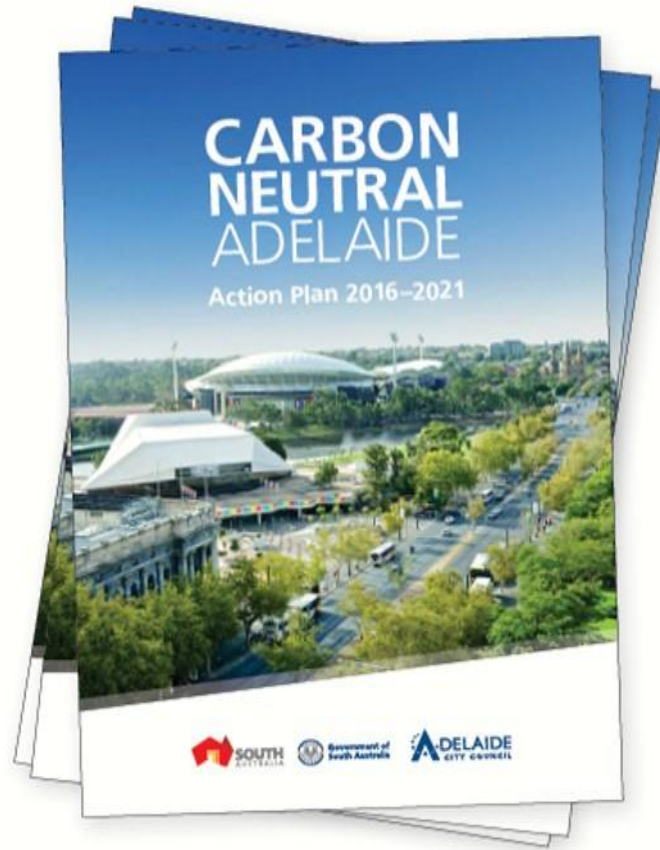


Government of South Australia

Department of Environment,
Water and Natural Resources



Pathways for Action



- Partnership and Community Action
- Towards 100% Renewables
- Zero Emissions Transport
- Energy Efficient Buildings and Public Realm
- Emissions reduction –Waste and Water
- Carbon offsets



Government of South Australia

Department of Environment,
Water and Natural Resources





VISION

BRINGING TOGETHER LEADING-EDGE RESEARCH AND EDUCATION INSTITUTIONS, ESTABLISHED BUSINESSES AND START-UPS, BUSINESS INCUBATORS AND ACCELERATORS, AS WELL AS GOVERNMENT AND THE WIDER COMMUNITY TO CONNECT AND COLLABORATE IN AUSTRALIA'S FIRST INNOVATION DISTRICT.



Government of South Australia

Department of Environment,
Water and Natural Resources





A COMMITMENT TO SUSTAINABILITY

- Tonsley has been recognised as a world-leader in environmentally sustainable design and building practices, achieving a 6 Star Green Star – Communities certification
- Sustainability is a cornerstone of the Tonsley redevelopment:
 - Retaining the MAB had the equivalent impact of taking 25,000 cars off the road for a year
 - Water sensitive urban design principles are in place
 - Easy access to public transport is enabled via connected walking and cycling paths
 - A planned 3MW solar array on the MAB roof is enough to power 770 homes a year, saving 2,430 tonnes of emissions.



Government of South Australia

Department of Environment,
Water and Natural Resources



Emerging Themes

1. Energy Management
2. University and Precinct Collaborations
 - Governance Models
3. Event Technology/City Experience



Government of South Australia

Department of Environment,
Water and Natural Resources

