



## AMBITION

To deliver Adelaide as the world's first carbon neutral city

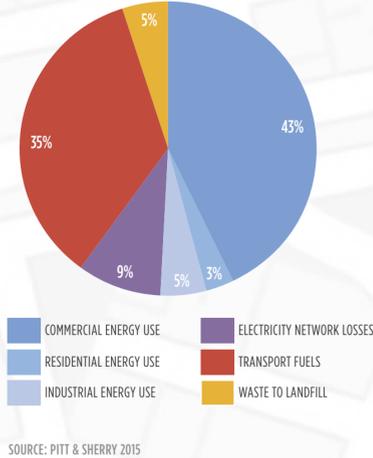
### What is the carbon emission profile of Adelaide?

In 2013, the City of Adelaide emitted **939,532 tonnes** of greenhouse gas. Stationary energy and transport were the main sources of carbon emissions, contributing 60% and 35% respectively.

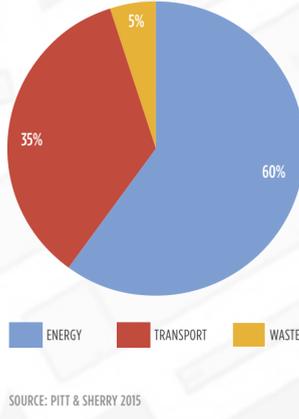
Waste disposed to landfill contributed 5% of Adelaide's emissions.



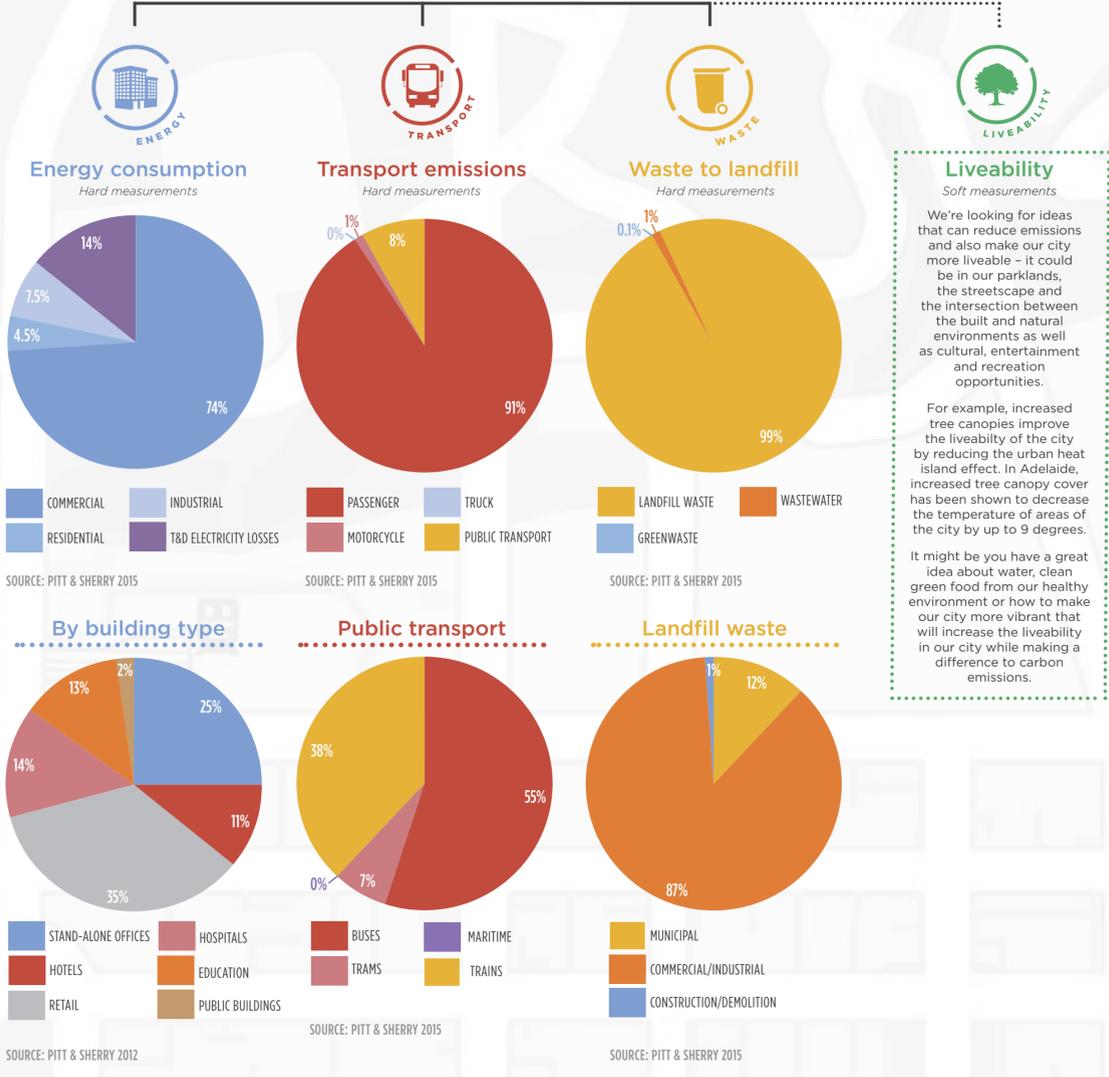
### 1. The big picture



### 2. Main areas of engagement



### 3. Developing our main areas of engagement



### 4. What are we looking for?

Our process identifies seven value creations against which we will evaluate the validity and effectiveness of any proposed competition entry. They are as follows:



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### 5. What is the selection criteria?

#### ELIGIBILITY CRITERIA

- E1. Project appears to be technically feasible
- E2. Project will reduce carbon emissions within the City of Adelaide (CBD + North Adelaide + (Parklands))
- E3. Project can be primarily delivered within South Australia
- E4. Project appears to be innovative and original
- E5. Entrant is willing to enter into a local partnership in the delivery of the project

#### JURORS' GUIDANCE

- With the limited information provided, there do not appear to be any technical fatal flaws presented. For example, it is not a perpetual motion machine or similar!
- The impact of the Project will be that emissions from Energy, Waste or Transport are reduced within the City of Adelaide. Other emissions reductions might be considered after review but it is these three priority areas that are of most interest.
- The Project itself does not need to be delivered within the boundaries of the City of Adelaide but should be primarily delivered within South Australia. For instance, parts might be manufactured elsewhere in SA but installed in the city, or waste might be taken from the city and utilised in an innovative way elsewhere within SA.
- Whilst it is impossible for the Jurors to know whether the Project is entirely innovative, to the best of your knowledge is the Project something that does not appear to have been done globally in the same way as proposed?
- Where the entrant is outside of SA, is the proposal structured so that it can be delivered with a local partner company?

#### MERIT CRITERIA

- M1. An innovative solution that will help the City of Adelaide to become the world's first carbon neutral city.
- M2. Reduces emissions in the City of Adelaide.
- M3. Improves the liveability of Adelaide and the lives of our community.
- M4. Develops new partnerships, attracts investment and creates opportunities for local business, new economy jobs, and industries.
- M5. Strengthens entrepreneurial and innovation capacity in low carbon technologies, renewables and clean technology.
- M6. Provides a catalyst for local action and behaviour change.
- M7. Has great potential but needs an initial support to enable further development.

#### JURORS' GUIDANCE

- Has the potential to deliver a unique low carbon solution in Adelaide that might later be exported to other cities.
- Has a material impact on emissions within the city boundary with respect to Energy, Waste or Transport.
- Has the potential to have a significant impact to how people live in Adelaide if adopted widely.
- Delivers economic development benefits to the city.
- Has the potential to drive or inspire further low carbon innovation activity.
- Engages the community in a way that has the potential to have a significant impact on emissions.
- Has a need for funding or, in other words, it is unlikely to happen without the support offered by the Prize.

## OUTCOME

Adelaide certified as the world's first carbon neutral city

#### SOURCES

"Carbon Neutral Adelaide - Foundation Report." pitt&sherry. November 2015.  
"Baseline Energy Consumption and Greenhouse Gas Emissions in Commercial Buildings in Australia - Part 1 - Report." pitt&sherry. 2012