

Smart water for a smart future

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In the next five minutes

Discuss how to:

- Cool your home
- Reduce the cost of living
- Do large scale urban cooling
- Save lives
- Maximise alternative water use



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Air temperature

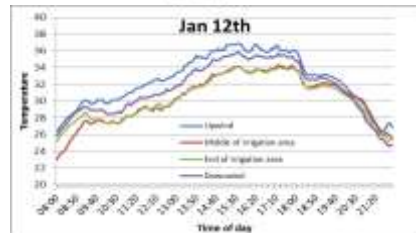
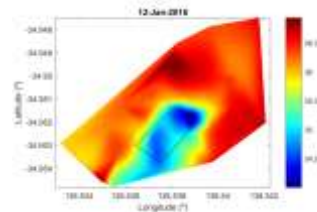
Adelaide air temperature

35 degrees



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Air temperature readings: Hot day



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Cooling at home

Know when and where to water:

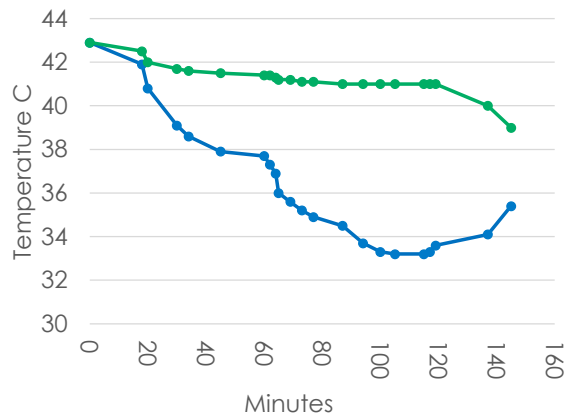
- Deep soaking two days before a heat wave
- Keep vegetation greener close to house for added cooling
- Soil needs moisture to help cool
- Put a cup under sprinkler, stop watering once it has 1.5cm of water in it



Cooling at home



- Cooling during hot weather:
- Use misting system
 - One minute of hosing every 30 minutes



Cost comparison:
 90 litres of water = \$0.30 for two hours
 4.8kWh of power = \$1.80 for two hours – no other power cost included (lights etc.)



YOUR USAGE SUMMARY

Average cost per day	\$5.06	21.95% decrease	
Average daily usage	10.38 kWh	in usage since last year	
Same time last year	13.30 kWh		

Your indicative greenhouse gas emissions			
Total for this bill	0.6 tonnes	13.30	10.38
Same time last year	0.8 tonnes	kWh	kWh
Saved with GreenPower	N/A	LAST YEAR	THIS YEAR

For more information on greenhouse gas emissions visit originenergy.com.au.

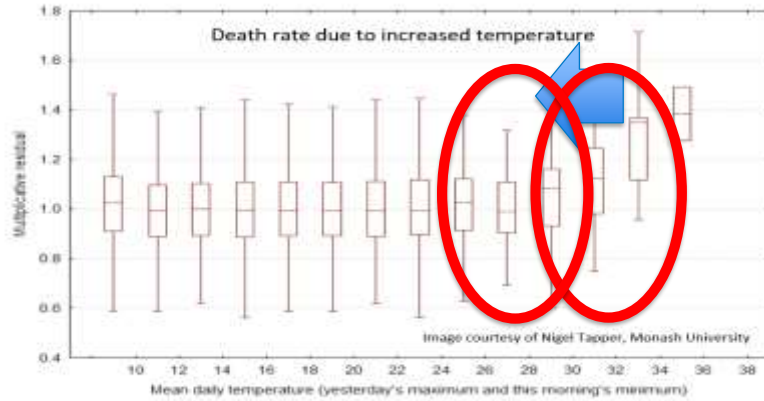
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Large scale urban cooling

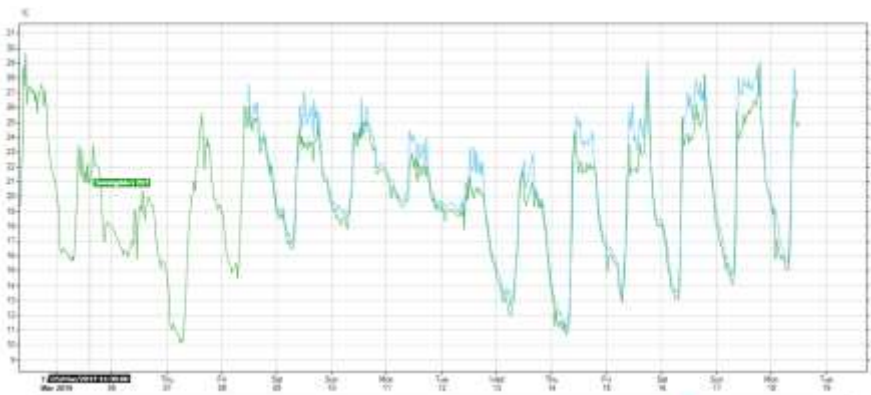
Let's be smart about funding green open space

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Heatwaves affect community wellbeing



We can do this



- Finding 2 to 3 degree air temp difference between irrigated and unirrigated parks on mild days



Two ends of the same park, one is much cooler than the other



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Vulnerable suburbs



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Valuing open space

- Improved health outcomes
- Increased property value
- Heat refuge
- Cooling surrounding suburb
- Reducing cost of living
- Reduction in energy peaks



Open space making money

In larger parks:

- Urban orchards
- Urban market gardens
- Community gardens



Open space making money

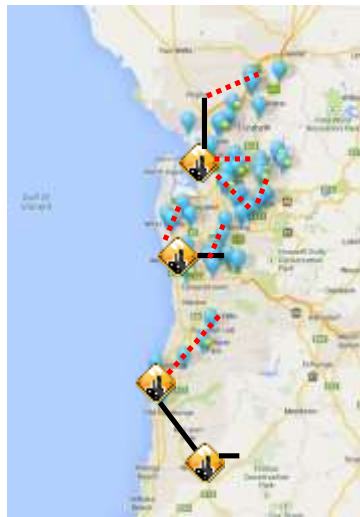
Urban carbon farming:

- Reliant on the future carbon market
- Gaining carbon credits for green open space



Alternative Water

- Around 50GL recycled water available
- Around 10GL of stormwater available
- Enough to irrigate 10,000 hectares
- 750 kilometres of alternative water pipelines
- 4km of pipe to connect stormwater to recycled water



We can be ...

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BREAKING NEWS Malcolm Turnbull says elements of the party room and others outside it have been bullying and undermining opponents. [Read more...](#)

Heatwaves are more deadly for residents in Melbourne and Adelaide — here's why

Adelaide and Melbourne are among the most dangerous Australian capital cities to live in during the summer months, with residents more at risk of death during an extreme heatwave, a recent study has found.

While those residing in Australia's east-coast capitals such as Brisbane and Sydney may feel they are challenged most by the heat, the study has found they were less likely to be caught out by an extreme heatwave.

Thomas Longden, a researcher from the University of Technology Sydney (UTS), said his findings suggested people in the east-coast capitals tended to acclimatise to the heat better.

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Or we can be

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Extreme cities Cities

Adelaide, SA named the greenest Mediterranean climate city in the world

The international community have voted Adelaide the greenest city in the world that has a rainfall of less than 500mm/yr. The news came in a welcome response to the continuing clever use of resources in the South Australia's Capital.

Also supported by **RENEWABLE** and **Rockybank**

Future headline



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Thank you

