

The Environment Institute

Where ideas grow



One of the University of Adelaide's Six Research Institutes
Prof Mike Young, Director

Climate Change and Sustainability Research Chair

- Prof. Barry Brook
1. The Australian Centre For Evolutionary Biology and Biodiversity
 - Prof. Andy Lowe
 2. Australian Centre for Ancient DNA
 - Prof. Alan Cooper
 3. Water Research Centre
 - A/Prof. Justin Brookes
 4. Marine Science Program
 - A/Prof. Corey Bradshaw
 5. Landscape Futures Program
 - Prof. Wayne Meyer
 6. Centre for Energy Technology
 - Prof. Gus Nathan



Renewable Energy Panel

- Assoc/Prof Eric Hu => Solar Thermal & Cooling
- Dr Maziar Arjomondi => Wind & Waves
- Assoc/Prof Peter Ashman = Waste & biomass
- Gus Nathan => System integration
- Dr Jordan Parham => Research & Development
- Paul Finn => Manager, University Development



Victor Harbor R&D Program

- Aim:
 - To halve Victor Harbor's annual energy bill for street lighting
- Process:
 - Replace some of Victor Harbor's street lights with hybrid solar/wind energy systems so they not only light the street carbon free, but put electricity back into the grid, earning council an income
- How:
 - An R&D program with the University of Adelaide's Centre for Energy Technology to design and produce a hybrid wind/solar system



Victor Harbor R&D Program

- First stage is to evaluate solar and wind energy and any hybrid alternative energy generation devices suitable for Victor Harbor:
 - Solar cells
 - Wind turbines
 - The best hybrids for powering commercial buildings
 - The best hybrid for deploying as street lighting
 - Consultation on the most practical design





Life Impact The University of Adelaide



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