

# Climate Adaptation & Mitigation: winners and losers

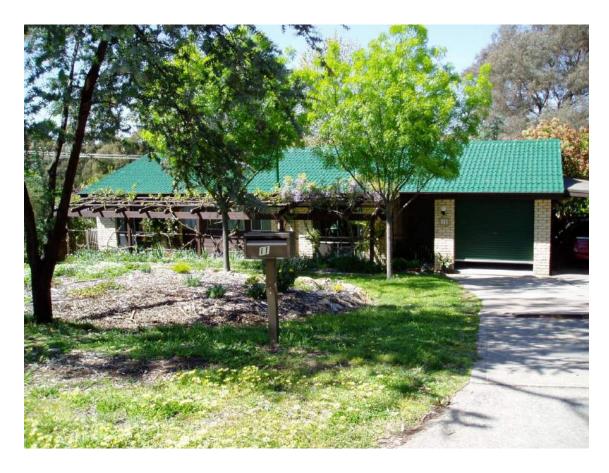
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## First, my suburban story.....







# A design challenge #2 – my house's cooling system (for the naked ape)

#### Specifications:

- \$50 capital investment
- 2 hr/year maintenance costs
- 100 year life-span
- Self-replacing
- Carbon positive
- Allows solar heating over winter
- Running costs = effluent

Answer = 4 letters



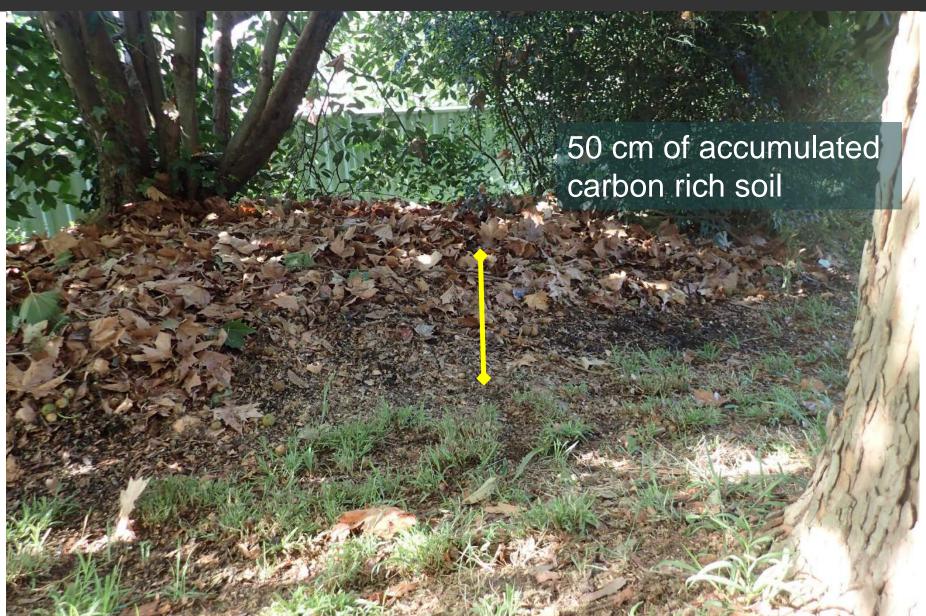
## My Regenerative Cooling System

#### Specifications met?

- ©\$50 capital investment
- ©2 hr/year maintenance costs
- ©100 year life-span
- ©Carbon positive
- Allows solar heating over winter
- ©Running costs = effluent





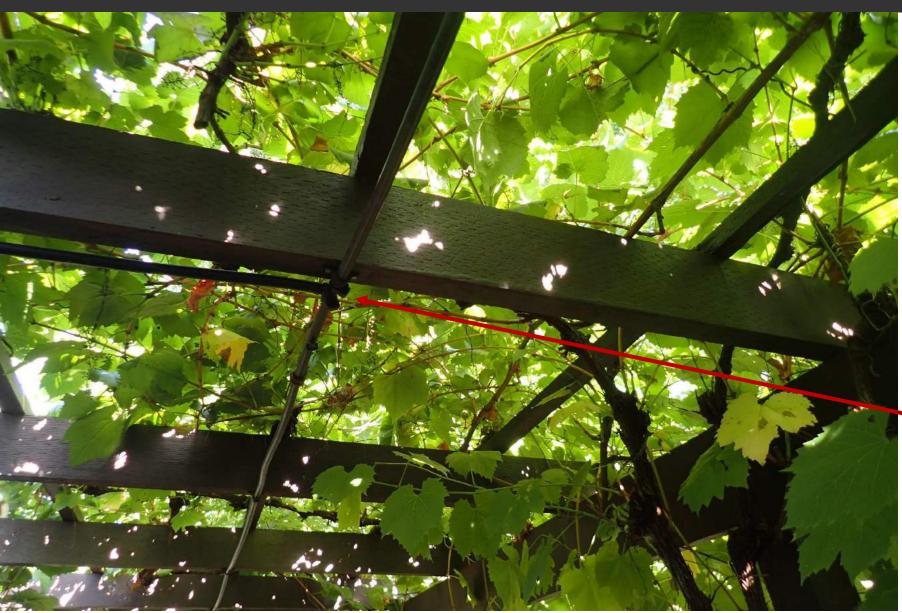


Added benefits









Sprinkler – evaporative cooler and irrigations system

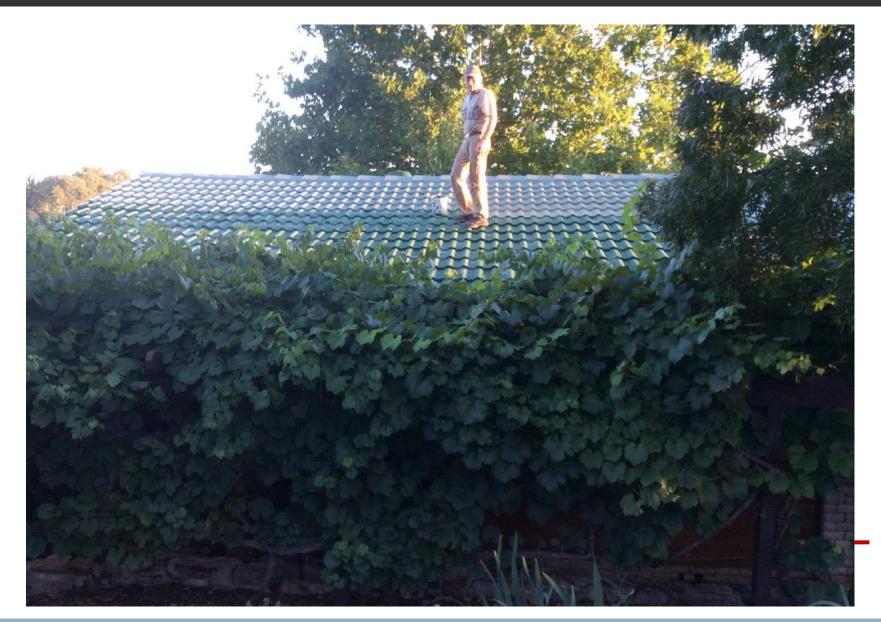




40 yr old Solar clothes dryer

Kitchen grey water





A better performing old roof







