

Kingscliff Bowling Club, Friday 11 September 2015

Participants:

	Post Noms	First Name	Surname	Organisation
1.		Lindsay	McGavin	TSC
2.		Debbie	Firestone	TSC
3.		Tracey	Stinson	TSC
4.		Ray	Musgrave	TSC
5.		Janet	Twohill	TSC
6.		Denise	Galle	TSC
7.		Robert	Noakes	TSC
8.		Kelly	Edwards	TSC
9.		Dean	Napier	TSC
10.		Daniel	Evans	Aspect Architecture
11.		Sean	Cochran	GeoLINK
12.		Barrie	Green	LandSurv
13.		Jacob	Franklin	Burchills Engineering Solutions
14.		Rod	Barry	Cardno
15.	Cr	Gary	Bagnall	TSC
16.		Caroline	Kelly	Burchills Engineering Solutions
17.		Carl	Hager	Knobel Consulting
18.		Melanie	Jackson	Bushfire Risk
19.		Ian	Webb	Ian Webb Design and Drafting
20.		Trevor	White	Trevor White Building Design
21.		Rob	Van Iersel	
22.		Jeremy	Magee	Eco-Essence Homes
23.		Wayne	Kelly	Eco-Essence Homes
24.		Rodrigo	Manenti	Cozens Regan Williams Prove
25.		Tony	Hyndes	
26.		Rod	Barry	Cardno Pty Ltd
27.		Bruce	Pywell	Cardno Pty Ltd
28.	Cr	Barry	Longland	

POTENTIAL IDEAS TO IMPROVE SUSTAINABLE OUTCOMES FROM RESIDENTIAL DEVELOPMENT

Notes from participants' table discussions

Community Energy Grid

Battery storage

- affordability
- staging – panels first

Street Food

- who's responsible
- Michael's idea of a vertical garden for a fence is good
- will it happen here?
- equity?

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- what's more important: community interactions v productivity

Stormwater:

- how do they cope in flood
- need a system
- expense of Michael's system
- rain gauges

Market Demands:

- Parks converted back to house blocks
- large floor space
- Lack of amenity – shops/parks
- Loss of backyards
- Smaller blocks but not smart design

Residential Flat Building – 20 units – 4 floors – Rentals:

- Water usage unknown – any change no benefit to renter.
- \$370/quarter electricity → as a renter most factors out of their control
- hot water – 24/7 – inefficient
- no stormwater harvesting – no grey water
- no ability for renter to determine the cost of sustainability (or lack of) prior to renting a home
- no incentive for owner to enhance sustainability

Refits and retrofits:

- major unit residential development
- eg. 20 units +
- building 30 years old – bulk metering / no separate metering
- high energy use
- water tanks – divert and collect storm water for re-use
- install PV panels / batteries
- retrofit and connect each toilet to basement water storage tank
- reduce body corporate costs
- Council to permit the use of basement car parking to enable stormwater tank construction

Retro Fitting Continues Upgrades:

- New product inclusions eg. kill switches, apps for usage tracking

Education:

- Project homes
- Builders
- Information Network