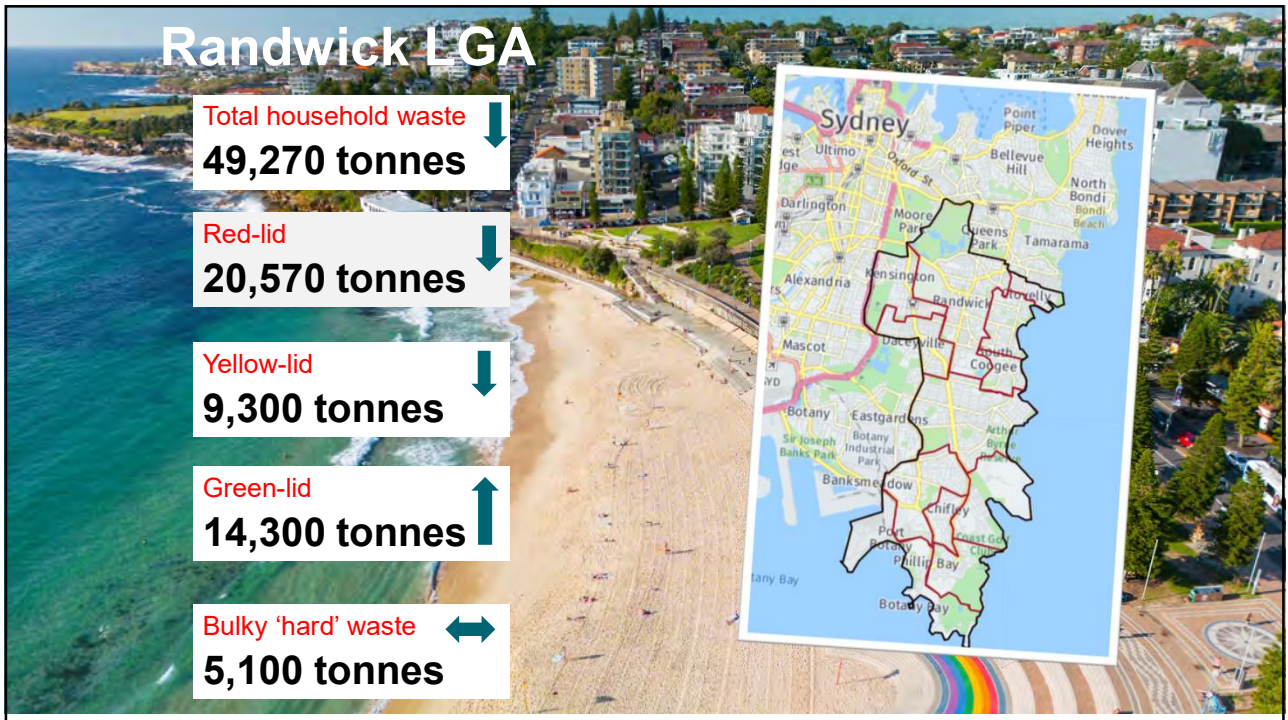


Unlocking the benefits of product stewardship for Local Govt

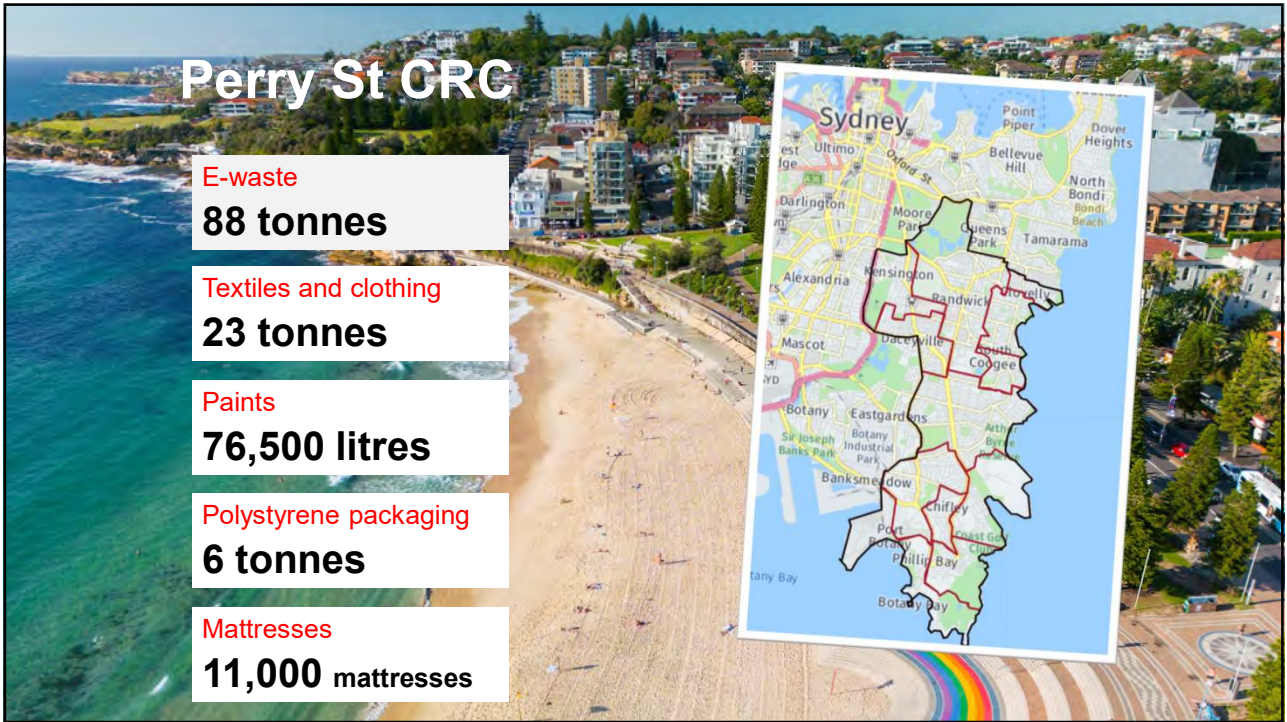
Peter Maganov, Manager Sustainability



1



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3



4

Unlocking the benefits of product stewardship for Local Govt

Peter Maganov, Manager Sustainability

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Broadest definitions of

- Sustainability
- Resilience
- Circular economy / life-cycle analysis

Stewardship

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Stewardship

Household Recycling	9,300 tonnes delivered to Visy recycling
FOGO + (free mulch for residents)	33,000 tonnes processed into compostable material
Coogee Oval fence replacement	117,000 HDPE bottles
Road construction in Randwick (previous financial year)	800 tonnes of road-base re-used / recycled > 1 million glass bottles used in road base (> 260 tonnes) Crumbed rubber trial (car tyres)

Stewardship

- Products
- Places / place-making
- People (as stewards for nature, for their environment, for their neighbourhood)

And it's about measuring IMPACTs

- Environmental
- Social
- Financial
- Other?

Impacts example

E-waste collection and processing (21,450 tonnes)



Reducing greenhouse emissions by 120 tonnes	Equivalent to planting 1,750 trees
Saving 1.5 million joules of energy	Equivalent to saving 4,300 days of average household energy use
Reduces water consumption by 229kL	Equivalent to saving > 450 litres of average household water use
Reducing particulate air pollutants by 208kgs	Removing 210,000 kilometres of diesel truck travel from our roads

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Impacts



Randwick initiatives – Stewardship (products)

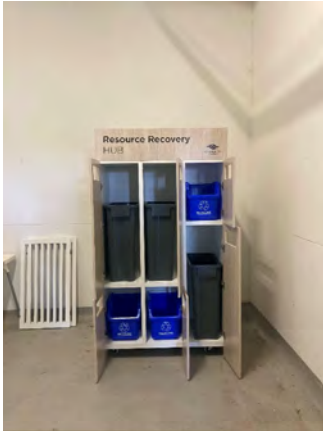
- Coffee cup recovery (16,000 cups in 6 months)
- Plasmar ‘soft’ plastics) 30 tonnes
- Plasmar ‘hard’ plastics) 8.2 tonnes

Impacts

- Randwick initiatives – Stewardship (products)
- Coffee cup recovery (16,000 cups in 6 months)
 - Plasmar ‘soft’ plastics) 30 tonnes

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Impacts




Randwick City Council
a sense of community

Randwick initiatives – Stewardship

Roll-out of Resource Recovery ‘hubs’

- 16 ‘hubs’ installed at MuDs (as well a school trial and Council buildings)
- Partnership with Recycle Smart for collection, delivery and sorting to Randwick Recycling Centre
- 1,550 kgs recycled items including clothes, batteries, e-waste, globes and more
- 1,294 bags collected.

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Impacts




Randwick City Council
a sense of community

Randwick initiatives – Stewardship (people)

Sustainability Rebates – 12 actions / measures

- 1000th Sustainability Rebate (< 3 years)
- \$600,000 delivered \$6.4M in new measures
- > 500 rooftop PVs, 85 solar batteries, 72 EV chargers and much more
- 6,000 tonnes of CO2 reductions, \$1M of energy bills (cumulative)

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Impacts




Randwick City Council
a sense of community

Randwick initiatives – Stewardship

Accelerated tree planting / Plant with Us

- > 4,000 established trees (over 15 months)
- 28,000 understorey, shrubs, grasses and groundcovers
- > 1,200 community volunteers over 16 large scale planting sites

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Impacts




Randwick City Council
a sense of community

Randwick initiatives – Stewardship (People)

PermaBee volunteers (Randwick Sustainability 'hub')

- Weekly PermaBee volunteers > 1,000 annually
- Working bees / Foraging / Training events
- Approx \$90,000 voluntary contribution annually
- New group projects – photography exhibition / courses / Sustainable Textiles group / South Maroubra Organic Food buyers / TED Circle

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Impacts




Randwick City Council
a sense of community

Randwick initiatives – Stewardship (Places)

Randwick Sustainability ‘hub’ (Randwick Community Centre)

- Permaculture gardens / orchard / native habitat, wildfood, apiary trails
- Weekly PermaBee volunteers (3,000 vol hours)
- Courses / workshops incl Sustainable Saturdays (starting this month) with Library of Things / Clothes Swaps / Bike workshops /
- Events / activities, Eco Living Festival / NOX with UNSW / Earth Hour Twilight concerts / picnics
- Provides a model for future roll-out of Community Resilience Centres

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Stewardship

Products

Places

People

Makes sustainability
tangible

Delivers on resilience

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The End

People - some extra's

- Recycle SMART
- Ocean Action Pod
- Plastic Free Randwick + Plastic Free Coogee
- Clothes swap
- Library of 'things'

- 3-Council collaboration (12 years)
- UNSW Sustainability Agreement (3 signings)
- Randwick Precinct Area collaboration

Local Councils

- Take the lead
- Lead by example
- (can't do everything, everywhere) In bite-sized chunks
- Practical, on-ground leadership

..... as represented by the people and Councils
in this room