

# Welcome to Living Smart

## Week 3

### Waste Smart



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# Course Outline

Wk 1: May 27	Intro to Living Smart
Wk 2: June 3	Power Smart
<b>Wk 3: June 10</b>	<b>Waste Smart</b>
Wk 4: June 17	Gardening for Food
Wk 5: June 24	Travel Smart & Peak Oil
Wk 6: July 1	Gardening for Biodiversity
Wk 7: July 8	Healthy You and Healthy home/office
Wk 8: July 15	Water Smart
Wk 9: July 22	Beyond Living Smart
Wk 10: July 29	Community
TBA	Field trip / Follow up



# Today's Program

11:00-11:10	Start-up, review goal achievement
11:10-11:25	What do we throw out - home and office?
11:25-11:35	Activity – sort the rubbish
11:35-11:50	Demo – build a worm farm Who's going to look after it?
11:50-12:00	Goal setting, challenge + next week
12:00-12:30	Eat!



# What Have You Done Since Last Week?

- In Table Teams:
  - Discuss what you have done since last week;
  - Select the person that has achieved the most;
  - Prepare to report back to main group;
- Time: 5 minutes



*When you throw  
something away, have  
you ever wondered  
where 'away' is?*







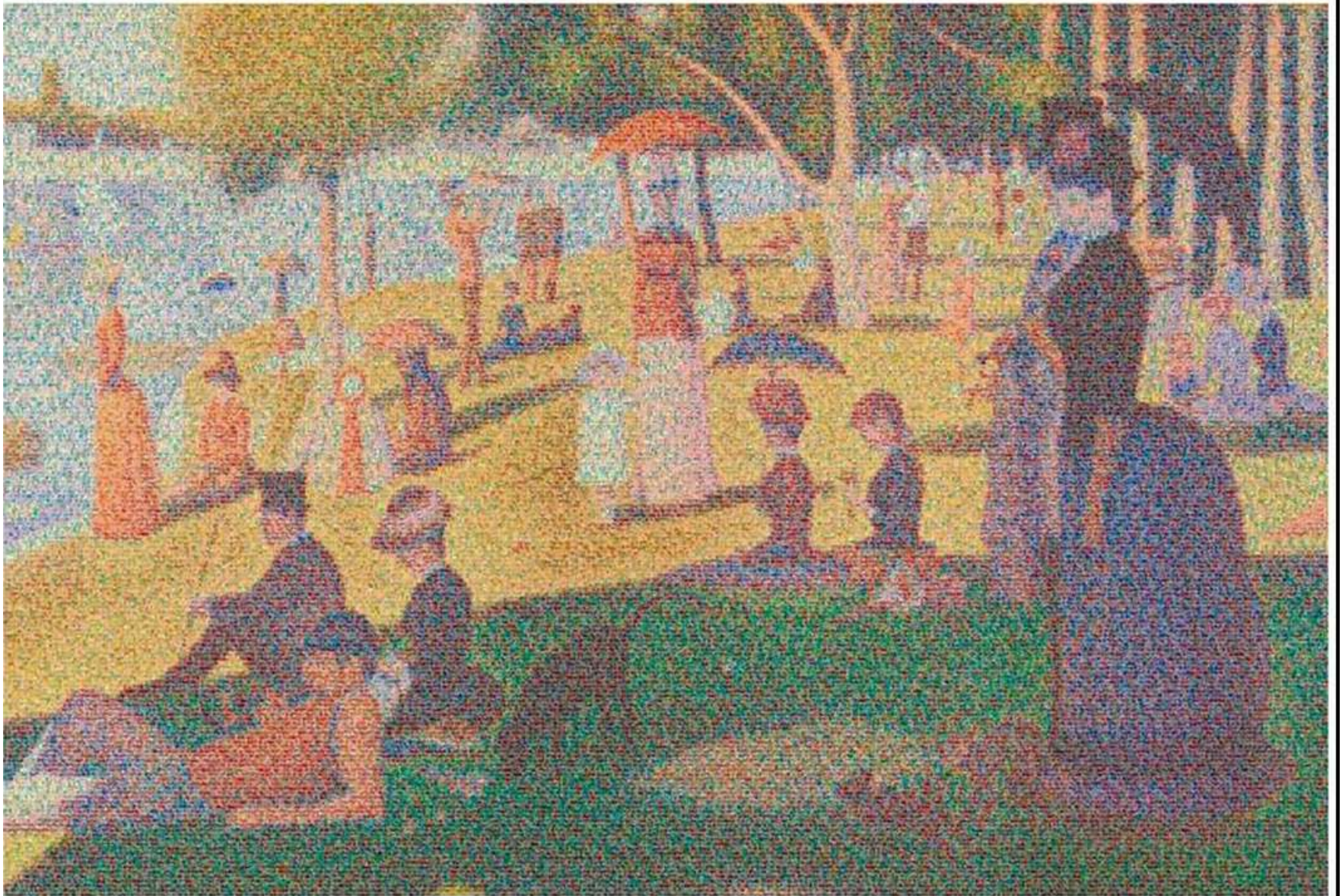
A lesser seen view of the Indonesian resort island of Bali, as scavengers sift through a rubbish tip in the main city of Denpasar.

AFP

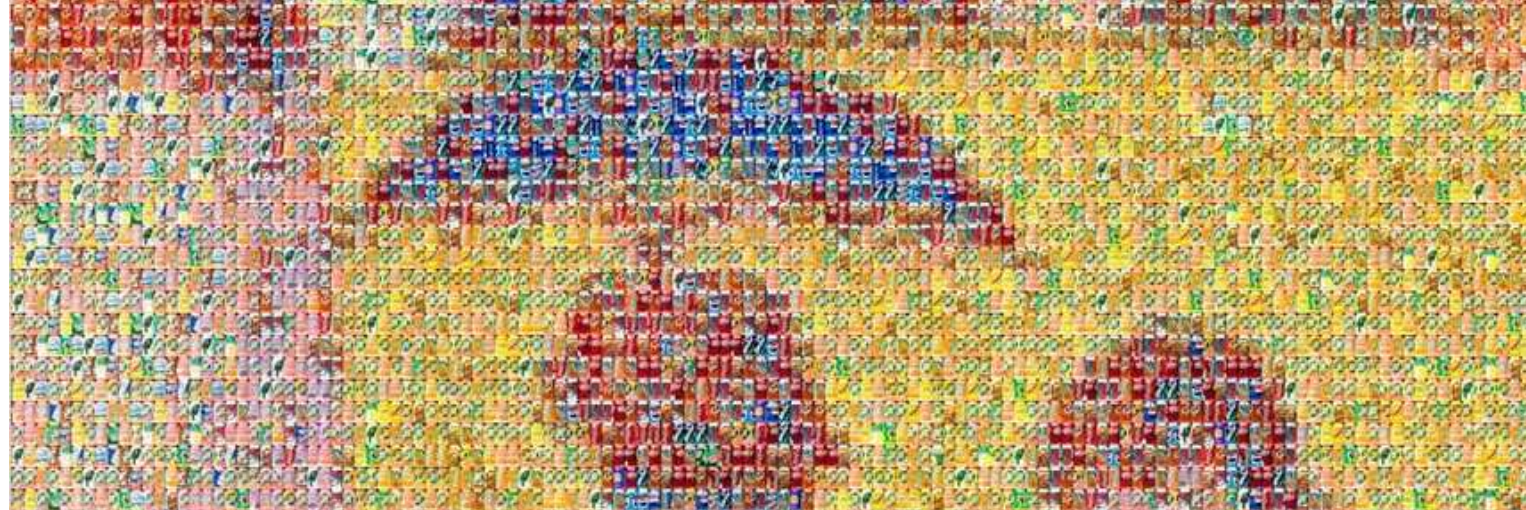




This is not a picture...









[www.chrisjordan.com](http://www.chrisjordan.com)



106000 aluminium cans used in US every 30 seconds  
and in Australia every 8 minutes 9 seconds.  
Of which 51% are recycled

# Household waste

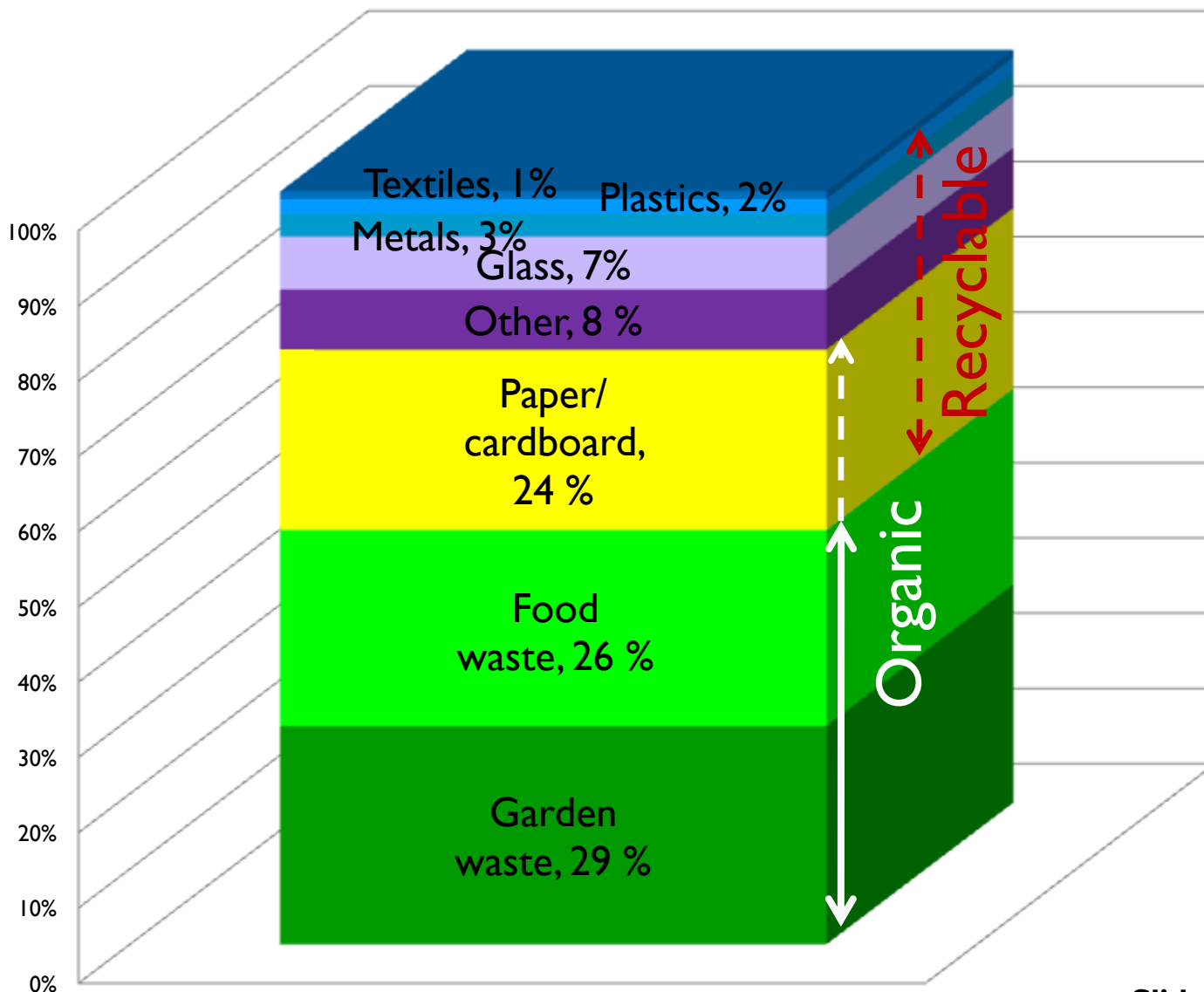
*David Suzuki* "The amount of waste I throw out each month fits in a one litre milk carton"

- In Perth 45-55 kgs of waste are collected per month per person. Around 35-40% of that gets recycled.
- Does not include construction waste or commercial and industrial waste





## What we throw out in WA (% by weight)



# SMRC RRRC

Composting   Materials recovery   Green waste



Greenhouse gases prevented by the RRRC:

This month  
10,602 tonnes

Total (year to date)  
63,942 tonnes

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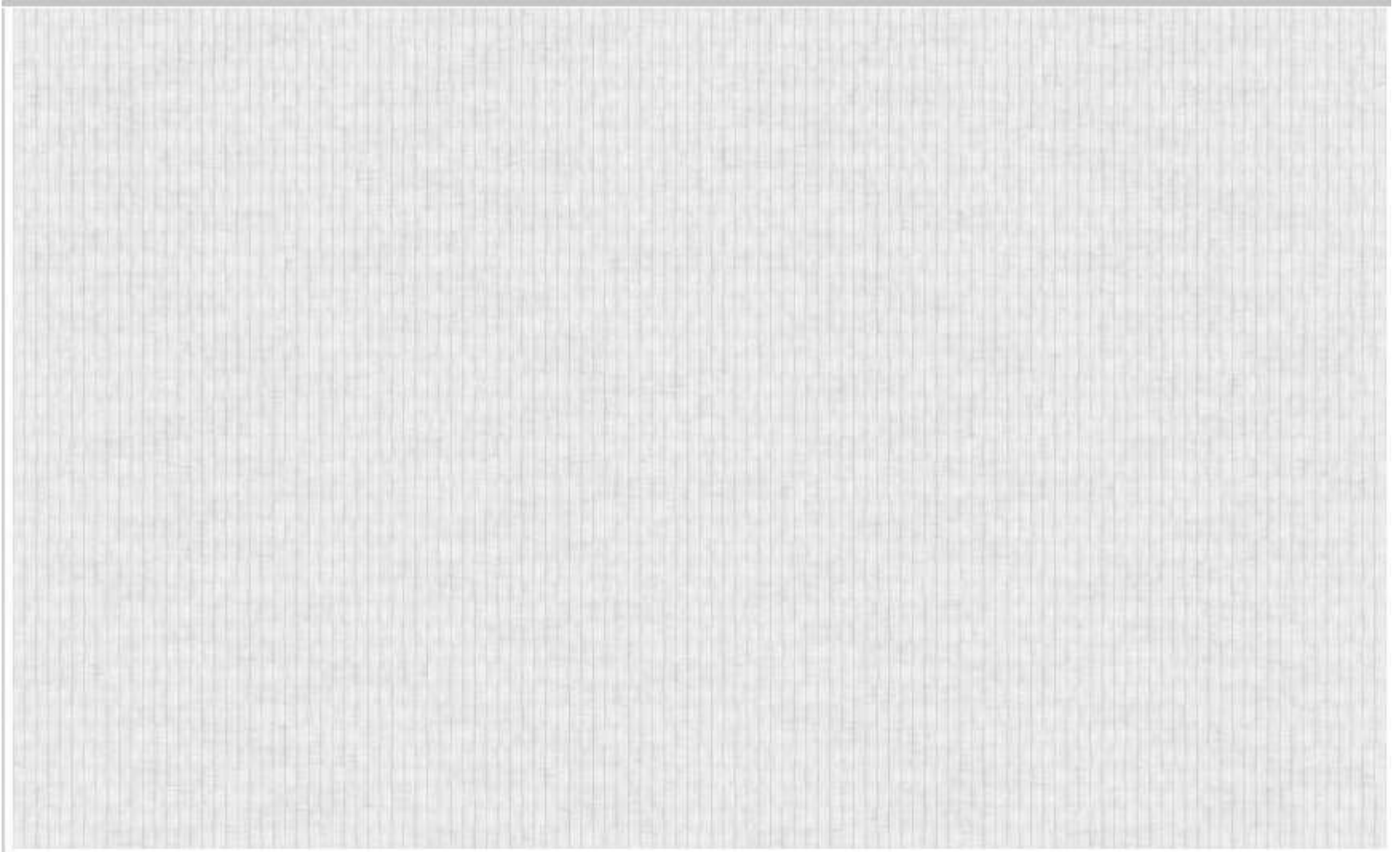
# WMRC - DiCom®

- Digests and composts organic waste.
- Sealed vessel
- Small footprint
- Uses very little water
- Makes green energy





# What's this?



Depicts 30,000 reams of office paper, or 15 million sheets, equal to the amount of office paper used in the US every five minutes.

And used in Australia every 3hrs.  
Of which 11% gets recycled.

# Packaging costs (think lunch)

## Individual portions?

- Sultanas
  - 145c/100g or 62c/100g?
- Sweetcorn
  - 97c/100g or 46c/100g?
- Tuna
  - \$2.62/100g or \$2.23/100g?





# Workplace Waste



**RECYCLE**  
@WORK

1. Cardboard
2. Aluminium Cans
3. Paper
4. Plastics
5. Greenwaste
6. Electronic Equipment
7. Glass
8. Steel & Other Metals
9. Printer & Copier Waste
10. Mobile Phones

[www.recycleatwork.com.au](http://www.recycleatwork.com.au)

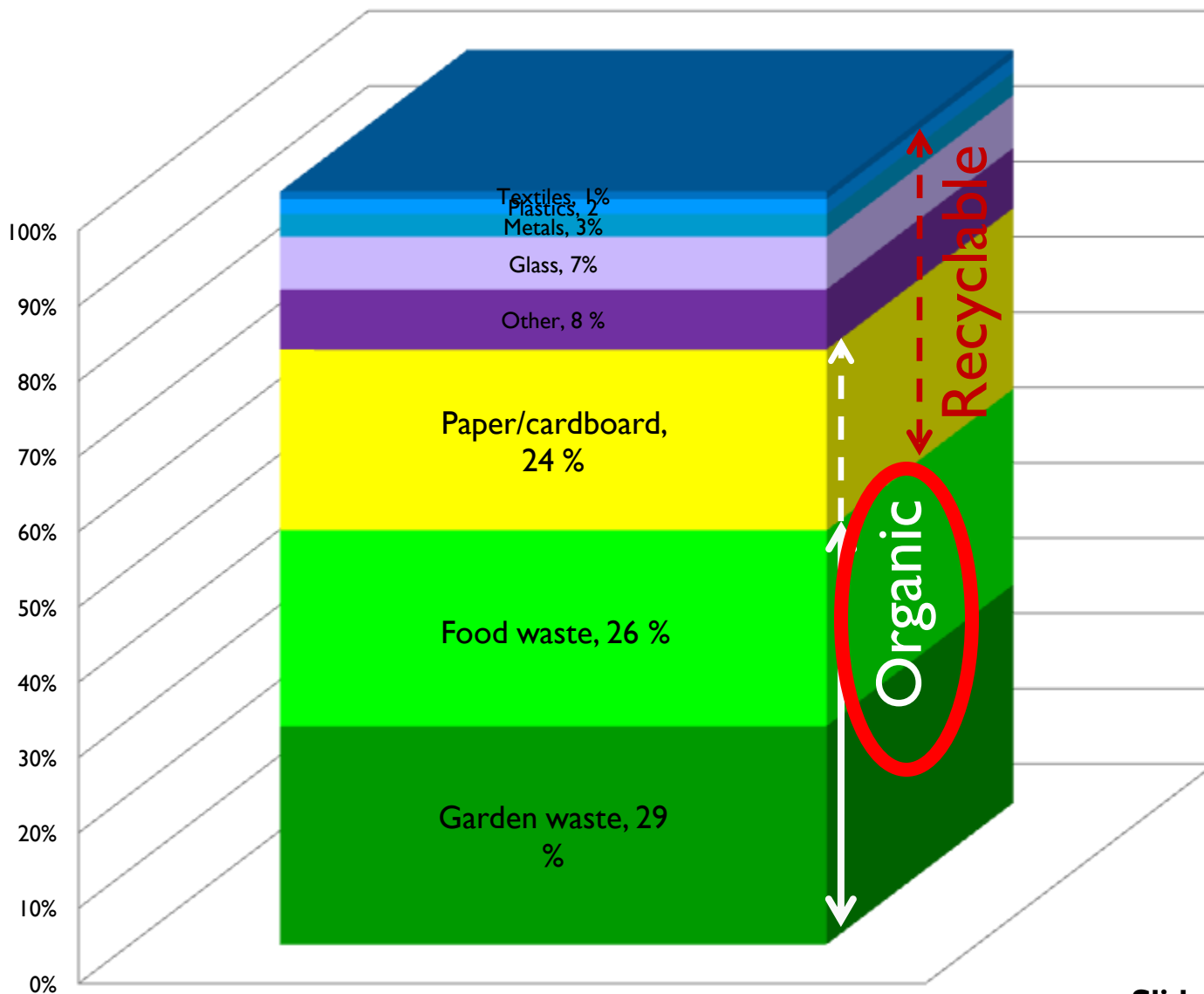
# How do you move the rubbish up the triangle?



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## What we throw out in WA (% by weight)





Organics in landfill generate methane – 20x the global warming potential of CO<sub>2</sub>.



# Home organic waste disposal:

- Composting – hot, cold, bin, tumbler, heap
- Worms – box, bath, fridge, bag
- Bokashi
- Chooks (food waste)
- Mulcher (garden waste)



# Worms

- Eat 1/5<sup>th</sup> of their body weight daily
- Will eat:
  - All organic scraps except meat, dairy, citrus, onions...
  - Cotton, egg boxes, newspaper, dirty tissues...
  - Dog poo (not after worming!)
- Need:
  - Food, shade, drainage, moisture, dark
- Make:
  - Castings and juice
- Have small mouths and no teeth!
- Who's going to look after these ones?





# The powerbill challenge!



How's it going?

**NEW:**

The bin challenge...

Empty?  $\frac{1}{4}$  full?  $\frac{1}{2}$  full?

$\frac{3}{4}$  full?



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# Goal Setting



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Smart	Smart	Smart
<p><b>Smart Journey</b></p> <p>Throughout the journey, you will achieve some of the goals as a result of achieving others. More goal setting is available if you need it.</p>	<p>My overall goal and steps to achieve this are:</p> <p>goal: _____</p> <p>step 1: _____ <input type="checkbox"/></p> <p>step 2: _____ <input type="checkbox"/></p> <p>step 3: _____ <input type="checkbox"/></p> <p>Why I want to achieve my goal: _____</p> <p>I will achieve my goal by: _____</p> <p>"Whatever you can do or dream you can, begin it. Boldness has genius, power and magic in it. Begin it now." <i>Goethe</i></p> <p>Topic: _____</p>	<p>My overall goal and steps to achieve this are:</p> <p>goal: _____</p> <p>step 1: _____</p> <p>step 2: _____</p> <p>step 3: _____</p> <p>Why I want to achieve my goal: _____</p> <p>I will achieve my goal by: _____</p> <p>"they always say time changes things, but you actually change them yourself."</p> <p>Topic: _____</p>
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## Next week –

- Topic: Food Gardening
- We will need somewhere outside to put your mini gardens. Any takers?

