

# BE BIN SMART ROLLOUT TOOLKIT FOR IMPLEMENTATION

Campus Environment Division

Environmental Management Plan 2022-25



Australian  
National  
University



# What's in this toolkit?

This toolkit has been designed to support the rollout of the new bin setup being gradually implemented across ANU from 2025.

**Building managers and custodians** will find information about what is changing in terms of infrastructure and accompanying signage.

**Staff and students** can find clear information on how to sort waste correctly on campus, contributing to ANU's sustainability goals.

It includes practical tips and downloadable resources to reduce waste and improve recycling outcomes.

1. Why this matters

2. Our goals - Environmental Management Plan 2022-25

3. Opportunities to increase our resource recovery

4. Resource Recovery and Waste Streams

5. Signage

6. Communications - Characters

7. Actions and helpful resources



# 1. Why it is important to rethink what we're doing

**Smart resource recovery and waste management are essential to addressing global challenges such as climate change, pollution, and biodiversity loss. They are a strategic responsibility we share across the University.**

This means keeping products and materials in use for as long as possible through reuse, repair, recycling and composting. It's not just about managing waste at the end of its life; it's about embedding circular thinking, maintaining material value, and slowing the loop across all operations.

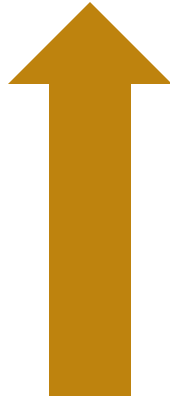
At ANU, we believe we can and must do our best to reduce our environmental impact across our operations to research and teaching.

Sustainability speaks to our mission and our values:

*We are committed to better outcomes for our society, the environment, our nation and the world.*



## 2. Our goals for a more sustainable campus



**Increase resource recovery from landfill to 65%**

We want nearly two-thirds of our waste to be recycled, reused or composted, not sent to landfill.

*Less waste = less raw materials needed, more materials and items recirculated, gained efficiency, less pollution, better outcomes for people, nature and climate*



**Reduce landfill waste per person by 45% to 30kg per person**

We are aiming to nearly halve how much waste each person at ANU sends to landfill.

*Every small action helps reduce our environmental footprint.*

These targets are part of Dhaagun, our [Environmental Management Plan \(2022-2025\)](#).  
'Dhaagun' refers to the earth and environment in the local Walgalu (Ngambri) and Wiradjuri languages.



# 3. OPPORTUNITIES TO DO IT BETTER

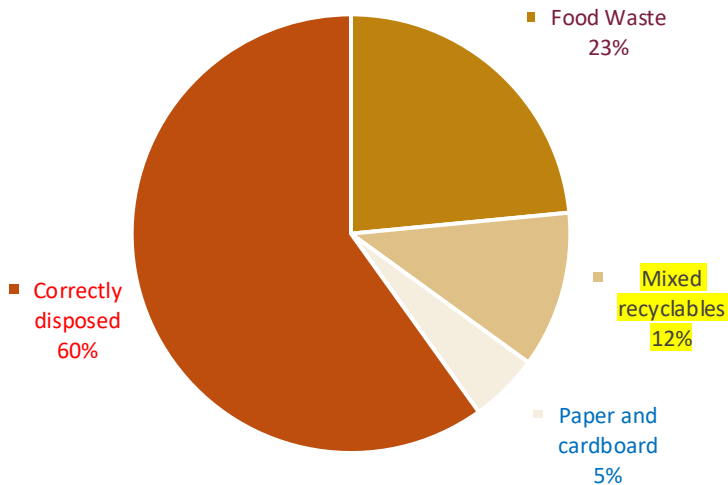


# Opportunities to increase our resource recovery

Each year ANU Green hosts waste audits with our waste management company. In 2024, four buildings were targeted, and waste from a 24-hour period was sorted and composition analysed.

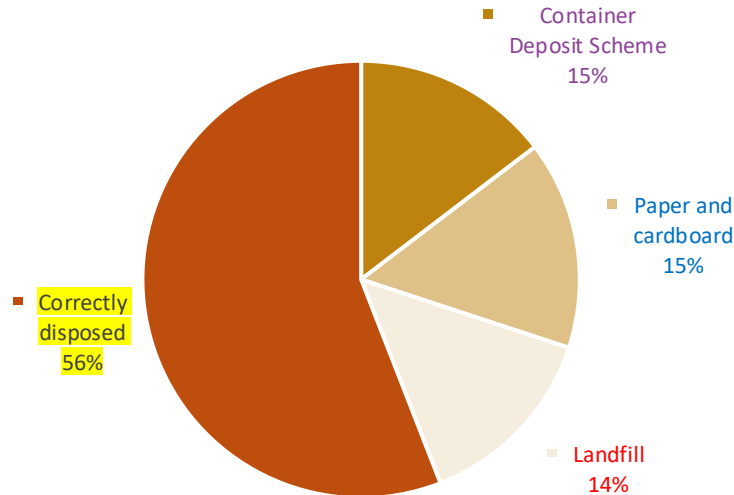
The audit found large amounts of food waste and mixed recyclable in landfill:

Composition of audited landfill bins



The audit found landfill items in the mixed recycling bin exceeding the 5% contamination threshold.

Composition of audited mixed recyclable bins

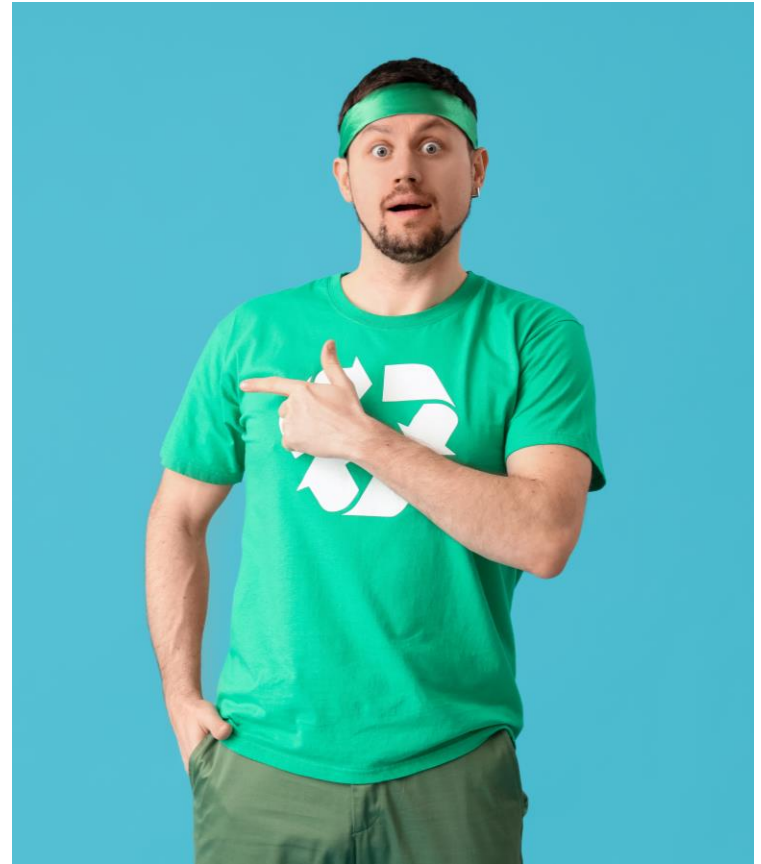


# Opportunities to do it better

## Campus Environment Division led activities

- Update infrastructure with new bins setup
- Update signage to reduce confusion about what goes into each bin
- Educational activities accompanying rollout and during key periods (e.g. start of semester)
- Ongoing engagement with area managers, building custodians and our community
- Track changes: transparency of recovery and diversion data to create shared understanding and responsibility
- Progress towards our goals reported annually in our Environmental Sustainability Reports.

Photo: Adobe Stock



# Opportunities to do it better

## Activities led by your area/local area

- Engage with Campus Environment on phases 1 to 3 of the rollout
- Plan how you are going to use your own communication channels to let your community be ready for the new bins. (Comms pack provided by Campus Environment)
- Monitor and liaise with Campus Environment after rollout bringing feedback and questions from your community that can help us improve the program.
- Lead by example and familiarise yourself with what goes in each bin
- Track progress towards increasing resource recovery and diversion from landfill and plan periodic activities to refresh knowledge and motivation.
- Encourage your community to participate in One Small Step for sustainability action challenges.

Photo: AdobeStock





# Opportunities to do it better

## As individuals

- Reduce waste whenever you can by using your own reusable cup, cutlery and containers
- Always check the posters before chucking
- Engage with our campaigns and events
- Participate in sustainable action by joining One Small Step challenges individually or in teams
- Help out when you see someone confused about where to dispose something
- Call out when you see someone consistently chucking things in the wrong bin
- Join your neighbourhood or ANU Buy Nothing Group
- Join the ANU Green Network for second life office furniture
- Start conversations about how you can reuse, reduce and recycle better with your team and local area.

Photo: AdobeStock



# 4.

# RESOURCE RECOVERY AND WASTE STREAMS



# The future of resource recovery and waste at ANU



In 2025, ANU is starting a staged rollout of new bin setups to help us recover what has reuse and recycling value, diverting them from landfill.

A pilot program was completed in the Marie Reay Teaching Centre in the first half of 2025 and learnings have been incorporated into our work.

The new system has five distinct bins and updated signage to increase knowledge and confidence in our community about where to dispose of their items.

With our staged rollout, you may still see some of the red/yellow bins around Campus for a while.



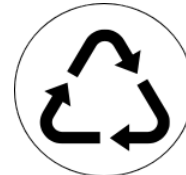
**10c  
REFUNDABLE**



**LANDFILL**



**FOOD  
ONLY**











**OTHER  
RECYCLING**



**PAPER &  
CARDBOARD**

# What goes in each bin?

Current setup	New setup – <b>For community</b>	New setup - <b>For cleaners</b>
Yellow Co-mingle recycling 	10c – refundable containers – purple lid 90L bin 	Purple wheelie bins (To be provided) Yellow skip bins in the interim
	Other recycling – white lid 90L bins 	Yellow skip bins
	Paper & Cardboard* – blue lid 90L bins 	Blue skip bins
Red General Waste 	Landfill – red lid 90L bins 	Red skip bins
	Food Only* – burgundy bins (90L or caddies) 	Burgundy wheelie bins
Generic bins	To be removed, all waste to be disposed of in the new bins	
Licensed waste	Out of scope for these changes 	



# 5. SIGNAGE



# 10c Refundable

## Items for 10c Refundable containers:

- Cans (aluminium or steel)
- Cartons (flavoured milk and juice boxes)
- Glass and plastic bottles – take the lids off.

## Remember:

- Always check if the container has the 10c marking before putting it in this bin.
- Ensure the container is empty before depositing.
- Proceeds from your deposits at the ANU CDS machine at MRTC are donated to charity.



**10c REFUNDABLE**

10c 返金可能な容器 10c Envases Reembolsables  
10c वापास 10c 可退还容器 Wadah Refundable 10c

**Check the label for the '10c' refund mark.**

- ✓ Cans
- ✓ Cartons
- ✓ Bottles

REFUND AT COLLECTION  
DEPOTS/POINTS IN PARTICIPATING  
STATE/TERRITORY OF PURCHASE

Proceeds from your deposits are given to charity. Or you can go to any ACT CDS return points to keep the refund.

Scan for more info on eligible containers:

ANU Green 2022



# Other Recycling

## Items for Non-refundable containers:

- Foil and plastic containers – remove food solids and sauce/oil first.
- Plastic or glass bottles or jars like milk and juice containers (check the item can't go in the 10c refundable bins first).
- Canned food containers – remove all food solids and juice/oil first.
- All other recycling.

**OTHER RECYCLING** Check it. Empty it. Recycle it. ANU Green 3/22

Wadah daur ulang lainnya Otros reciclables अन्य रीसायकल 其他可回收容器 その他のリサイクル

✓ Foil and plastic containers	
✓ Plastic or glass bottles	
✓ All other recycling	
✗ Coffee cups, lids or biopacks	

Is it plastic? Did you know not all plastic can be recycled?  
Check the numbers on the container:

Yes! ✓	1 2 3 5
No! ✗	4 6 7

**Chuck all food in the Food Only bin to reduce contamination.**  
If in doubt, put it in the **Red Landfill** bin.

Find out more about recycling at ANU



# Food Organics

## Items for Food organics:

- Food scraps and leftovers
- Fruit scraps and peels (citrus and onion is okay to include at ANU!)
- Loose tea leaves (NO tea bags)
- Coffee grounds
- NO tea bags
- NO serviettes, tissues, paper towels or paper packaging
- NO wooden and bamboo cutlery
  - These fibre-based materials are not composted in our partner facility





# Landfill

## Items for landfill:

- Dirty food packs and blister packs
- Coffee cups (no lids)
- Tea bags
- Wooden and bamboo cutlery, paper towel and tissues
- Plastic bags and soft plastics
- Broken glass and crockery

No Food scraps, coffee grounds or loose tea leaves – these should go in the **maroon food organics bin**.

# LANDFILL

**If in doubt, chuck it here!**  
**STOP contamination in other bins.**

Tempat Pembuangan Akhir अन्य कचरा Relleno Sanitario 埋立地 填埋垃圾



Coffee cups and lids



Food and blister packs



Wooden/bamboo cutlery, paper towel and tissues



Plastic bags and soft plastics



Broken glass and crockery

**NO FOOD!**  
All food should go in the Food Organics bin!



If in doubt, chuck it here.

Find out more about recycling at ANU





# Paper & Cardboard

## Items for Paper and cardboard:

- Clean food packaging
    - Coffee trays
    - Paper boxes plates and bowls
  - Clean cardboard: boxes, files, packages
  - Office paper, paper envelopes
  - Newspaper and magazines
- NO greasy pizza box or stained brown bag**

**PAPER & CARDBOARD**

कागज & गत्ते के बक्से    紙と段ボール    Kertas dan Karton    纸张和纸板    Papel y Cartón

✓ Paper packaging  
✓ Newspaper and magazines

Clean cardboard and paper

**NO** tissues, serviettes or paper towel

**NO** coffee cups or biopack food containers.

If in doubt, put it in the **Red Landfill** bin.

Find out more about recycling at ANU



# 6. COMMUNICATIONS



# Email

To be sent to building occupants once confirmation of scheduling is received

Hi [add local area team],

ANU is rolling out a new 5-bin waste system across campus. This is a key action in the Environmental Management Plan 2022-2025, aimed to increase resource recovery by 65% and reduce landfill waste per person by 45%.

From XX [add date and Month] you'll notice the new bin setup in our building. The system includes **five clearly labelled bins and signage** to help everyone sort waste correctly:

- **10c Refundables (Purple lid bin),**
- **Landfill (Red lid bin),**
- **Food Only (Burgundy lid bin),**
- **Other Recycling (White lid bin) and**
- **Paper & Cardboard (Blue lid bin).**

To support the change, we've developed a **Be Bin Smart Toolkit** with:

- What's changing and why it matters
- Bin signage and sorting guides
- Simple actions you can take
- Communication resources for your area

**The toolkit is attached to this email.** [attach this toolkit to email]

If you have questions, or if you're interested in scheduling a rollout in your building, please contact **ANU Green** at [anugreen@anu.edu.au](mailto:anugreen@anu.edu.au).

Thanks for helping us reduce waste and improving our environmental impact.

Regards,

[Add your name and signature]



# Bin Appetit Exhibit

Bin Appétit is a waste education exhibition that brings our bins to life with their big personalities and strict dietary restrictions.

Each bin is personified as a character with a distinct identity and a very particular "diet". They do not take kindly to contamination.

Meet a cast of quirky characters, from left to right: Barry Stahr, Ten Cent, Lanny Fillmore, Chef Scrapple, Flex Gainnes and Paige Sheetz.

The exhibit is part of the rollout and is to be set in the foyers of the buildings receiving the new bins for engagement activities during implementation week.

If you want to use the characters in your comms, reach out to ANU Green.



MEET THE ARTIST

About Me

BIN APPÉTIT

TEN CENT

ABOUT ME

S'up, I'm 10 Cent, not that rapper, I got better flow and a refund swag. I get paid for bottles, that's facts, not flex. Street smart, bin wise. Circular certified, no lies. If it don't say 10c, then keep it movin', I only roll with the marked and proven. Keep your scraps, your cups, your guilt-trip truck, I'm here for the shine, and the pay-back stack.

BIO

Diet  
10centarian.  
Anything with 10c in the package.

Colour  
Purple

Favourite Food  
Cans, bottles, juice boxes

LOVES

I've got mad love for crisp aluminium beats and clean bottle drops, none of that sticky drama. Give me a can that sings when it hits the bin, and I'll give you respect.

I live for that ka-ching sound of redemption, and nothing gets me going like a label that says "10c refund", that's real currency, mate.

ALLERGIC TO

Anything without the 10c mark.

Coffee cups. (I know my value.)

NOT ♻️

Bottles that still got pulp "Just finish it mate."

”

I'M A CLEAN, MEAN, TEN-CENT MACHINE.

Ⓢ

FROM BIN TO BLING

BE BIN SMART

10C REFUNDABLE

ANU GREEN

MEET THE ARTIST

About Me

BIN APPÉTIT

BARRY STAHR

ABOUT ME

Call me Barry Stahr. Barista-built. Purpose-defined. Fitzroy born, Braddon soul, Pour-over heart in a long black robe. Flat white feelings, double-shot mood, I don't do snacks. I don't want food. Not compost. Not cans. Not your late-night regret. Just vessels of caffeine and poetic debt. So sip, sort, drop with flair. Leave your cup, I'll take it from there.

BIO

Diet  
Coffee cups and lids only.

Colour  
Black

Favourite Food  
Any caffeinated cup. But decaf can also go.

LOVES

I don't do rage. I don't do rot. I take your cups, lids too, why not? I live for oat flat whites, indie jazz, and coffee cup drops that land like spoken word. The soft, thunk of a latte cup entering my bin? That's poetry, darling. But if it's half full, lukewarm, and still foaming from your existential crisis? I'll still accept it... but I won't make eye contact.

ALLERGIC TO

Other drinks or food

NOT ♻️

People who don't drink all of their coffees.

Double-shot drama of complaining being bin smart is hard.

”

I'M MORE THAN A BIN, I'M A CONCEPT.

Ⓢ

POURS COLD BREW OVER YOUR MISTAKES (SYMBOLICALLY)

BE BIN SMART

COFFEE CUPS & LIDS

ANU GREEN

I'm only available at Marie Reay! Coffee cups go to Lanny (Landfill) in other places.





MEET THE ARTIST

About Me

BIN APPÉTIT

LANNY FILLMORE

ABOUT ME

I'm Lanny. I take what no one else will. I'm the endgame. I've seen things... soft plastics, glitter glue, a broken ukulele once. I'm grumpy, tired, constantly overfed. I dream of a leaner diet. I'm not saying I'm bitter... but I do run on disappointment and stale chip crumbs.

BIO

Diet  
The leftovers of waste.

Colour  
Red

Favourite Food  
Not picky, but gets gassy easily.

LOVES

I love the things no one else can deal with, snack wrappers, glitter bombs, mystery objects from your desk drawer purge. That single sock? Sure. A fork with "biodegradable" vibes but zero commitment? Fine. I'll take it. I mean, why try when you can just throw it at me and walk away?

ALLERGIC TO

Anything recyclable, compostable, or remotely redeemable

NO!

People who just yeet stuff into me, just try ok?

?  
People who go "It's fine, right?"

”

I'M NOT ANGRY. JUST DISAPPOINTED. AND FULL.

Ⓢ

RUNS ENTIRELY ON RAGE AND THE TEARS OF SUSTAINABLE DREAMERS.

BE BIN SMART

LANDFILL

ANU GREEN

MEET THE ARTIST

About Me

BIN APPÉTIT

CHEF SCRAPPE

ABOUT ME

I'm as passionate as I can be running a Michelin-star kitchen in a bin. I'm a culinary genius, constantly fending off inquisitor ingredients and emotional garnish. I take food scraps very seriously, everything else, slightly less so. Cling wrap? That's a personal attack. And my bin? Call it Le Compost. Respect it, or kindly remove yourself from my kitchen.

BIO

Diet  
Compostarian. Local. Organic

Colour  
Burgundy

Favourite Food  
Seasonal. Absolutely no plastic garnish.

LOVES

I craft life from scraps. It's called art, darling. Inspiration strikes after the lunch rush, when bins reveal their secrets: a lonely crust, a bruised pear, a perfectly curled carrot peel. Some see waste, I see potential. But a coffee cup? A tea bag with string? Ugh. I shan't compost in these conditions!

ALLERGIC TO

Compostable packaging

Wooden cutlery and paper tissues

Tea bags and plastic wraps

”

MY BIN IS A TEMPLE. IF IT'S NOT FOOD, IT'S NOT GOING IN.

Ⓢ

NOT A TIP! I ONLY ACCEPT FOOD. REAL FOOD.

BE BIN SMART

FOOD ONLY

ANU GREEN



MEET THE ARTIST

About Me

BIN APPÉTIT

# FLEX GAINNES

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### ABOUT ME

Yo, I'm Flex. I sort. I shred. I recycle. My ideal date is rinsing hummus tubs under a cold tap and talking MRF (Materials Recovery Facility) stats. Gym enthusiast turned binfluencer. Obsessed with emptiness (my containers, not my soul). I keep it clean(ish), dry, and sorted like my protein drawer.

### BIO

**Diet**  
Clean and lean recyclables.

**Colour**  
White or sometimes yellow

**Favourite Food**  
Rinsed jars, lean plastics, protein shake containers (empty, mate).

### LOVES

Call me Flex. I like my bins how I like my macros: balanced and mostly empty. You don't need to deep-clean your peanut butter jar, just don't leave me a full spoon's worth and act like we're cool. I'm all about efficient effort, clean form, and gains that don't gum up the system.

### ALLERGIC TO

Coffee cups make me spew!

Entire pizza boxes ("No oily bits and scraps!")

People who say "it'll sort itself out"

”

NO DIRTY BULKING.  
ONLY CLEAN RECYCLABLES, MATE!

⊕

WISHCYCLING?  
("DON'T JUST YOLO IT IN HERE, MATE.")

BE BIN SMART

OTHER RECYCLING

ANU GREEN

MEET THE ARTIST

About Me

BIN APPÉTIT

# PAIGE SHEETZ

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### ABOUT ME

Calm, minimalist, always seeking balance. Zen master of decluttering. I live by the three-fold path: Flat, Dry, Recyclable. I levitate in disappointment. Ring a tiny meditation bell and whisper "Incorrect sorting disrupts the flow." Performs a perfect Marie Kondo fold on a rogue newspaper.

### BIO

**Diet**  
Fiber, lots of paper fibre.

**Colour**  
Blue

**Favourite Food**  
Dry, clean, uncoated paper & cardboard.

### LOVES

I love the crisp serenity of flattened cardboard. The quiet dignity of a well-sorted pamphlet. A dry paper scrap, gently folded, not crumpled in panic. I find joy in clean corrugation, symmetry, and the soft whisper of an envelope without plastic windows. Honestly, it's the least you could do and I mean that literally. Less waste. Maximum peace.

### ALLERGIC TO

Paper towels and tissues

Soiled or oily cardboard ("Grease is emotional clutter.")

People who shove in whole boxes ("Respect the fold.")

”

FLATTEN YOUR CHAOS. THEN PLACE IT GENTLY.

⊕

LET GO OF THE GREASE. EMBRACE THE FOLD.

BE BIN SMART

PAPER & CARDBOARD

ANU GREEN





Bin Appétit Exhibit at Marie Reay Teaching Centre, July 2025



# 7.

# ACTIONS AND RESOURCES



# Actions you can take and helpful resources

## Before the rollout:

- Area directors, managers or building custodians: Contact the ANU Green and Campus Support teams for rollout scheduling via [ANUgreen@anu.edu.au](mailto:ANUgreen@anu.edu.au).
- Other staff: If you want these bins to be rolled out in your building, reach out to your area manager or building custodian so that they can contact us for scheduling.
- Familiarise yourself with our [Posters](#)
- Use reusable keep cups, drink bottles, cutlery and containers wherever possible
- Food prep and bring your own food in reusable containers to avoid waste
- Use the [ANU Green Network Second-Life Furniture Channel](#) or [ANU Buy Nothing Facebook Group](#) to give items a second home.
- Use battery disposal towers and [E-waste disposal program](#)

## During and after rollout:

- Check out our [Posters](#) in your office, common area or at your next event.
- Start conversations in your building about the new setup and how you can collectively improve resource recovery and maximise your landfill diversion rate.
- Always check before you chuck it.
- Ensure recyclables are free from contamination: ensure cardboard is clean; cans, plastic and glass containers are free from scraps, oils and juices before disposing. If possible, give them a rinse.
- Prioritise reuse wherever you can



# GET IN TOUCH

E: [anugreen@anu.edu.au](mailto:anugreen@anu.edu.au)



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