



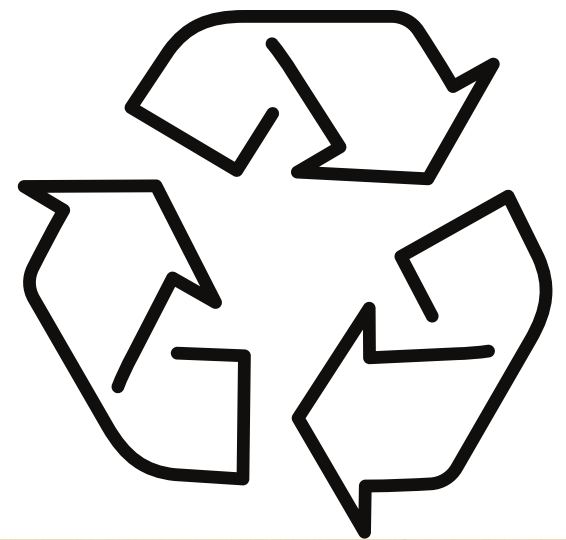
Student Ambassador Programme

# WORKSHOP 5

## WASTE AND RESOURCE USE

25TH APRIL 2025/ IPM BST

**NATURE  
POSITIVE  
BY 2030**



Credit: Bournemouth University, UK



Credit: Haripriya Shanmugam, The University of Manchester, UK



Credit: Abomey-Calavi University, Benin





# Housekeeping



- Please do **turn on your camera** if you feel able to - we'd love to make this as interactive as possible
- Do **introduce yourselves in chat**, and ask questions as we go through!
- We'll be using an **interactive whiteboard** on Zoom during this workshop asking you to share your ideas and experiences with us



# Flexible agenda:



Welcome and introductions - **Emily**



Exploring this month's topic: the Conservation Hierarchy and actions for your campus around waste and resource use



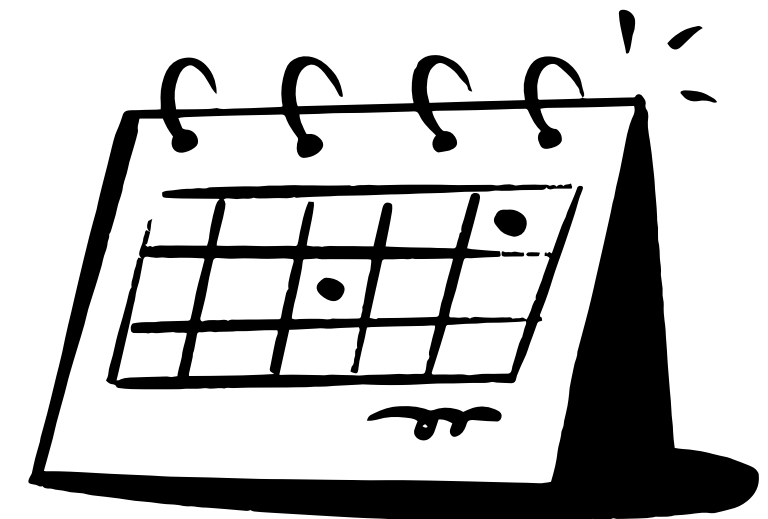
Presentations from **student speakers** and Q&A - sharing experiences of projects focused on waste and resource use



Sharing actions, open discussions and whiteboard - **Hollie**



Summary of next steps - workbook form, toolkit and next workshop - **Favour**



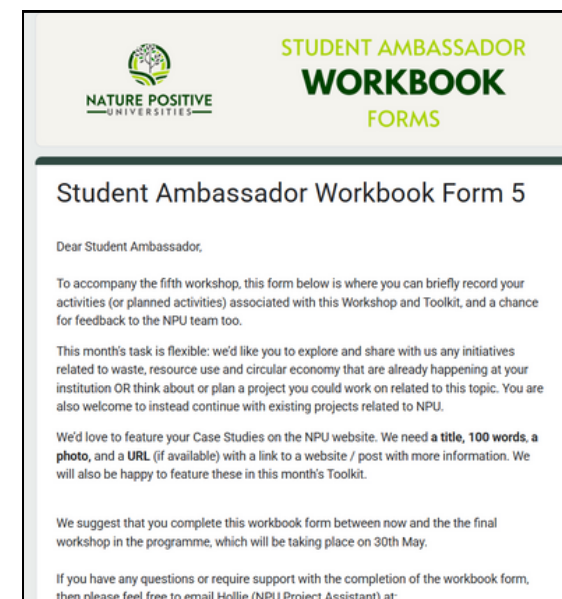
# Recap: Ambassador programme



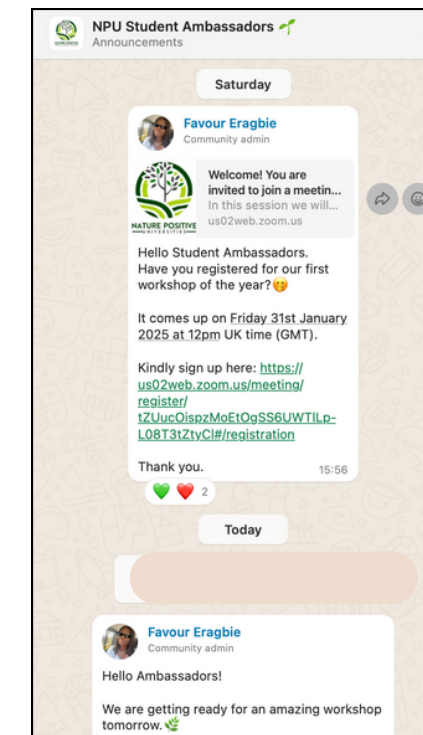
Green Skills workshops



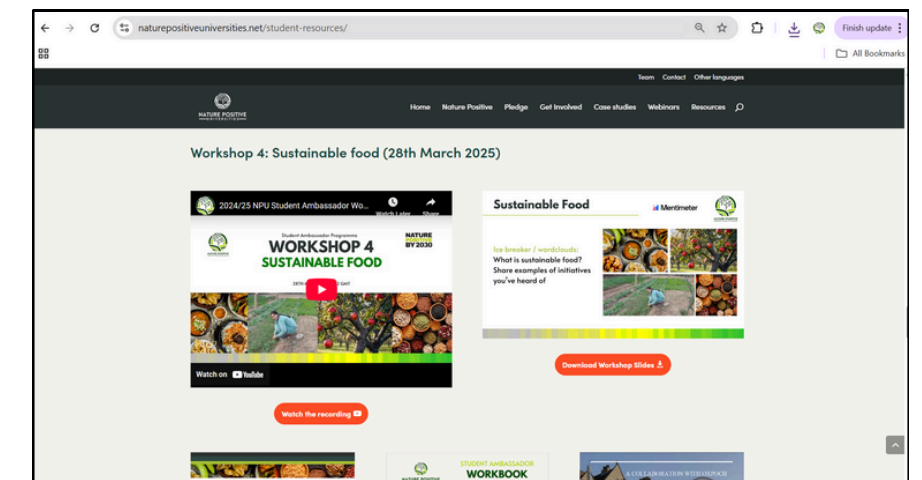
Action Toolkits



Workbook forms



WhatsApp chat



Student resources webpage

Note about workbooks: please don't use AI or chat-bots – this course is for you and your development and ideas



# Waste & Resource use



Pollution touches all parts of Earth and is one of the 5 direct drivers of ecosystem degradation



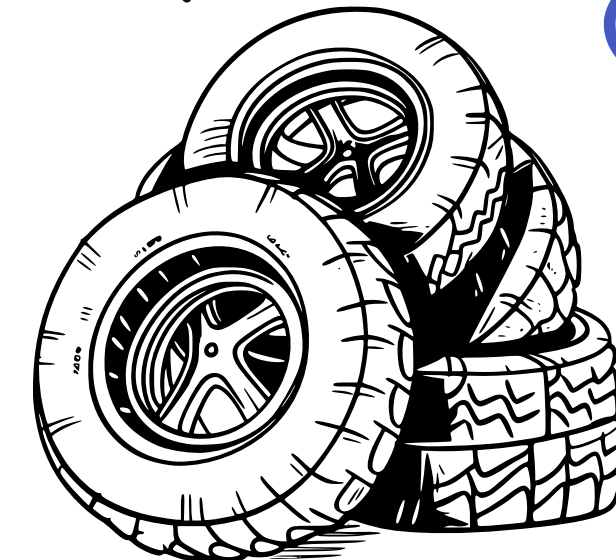
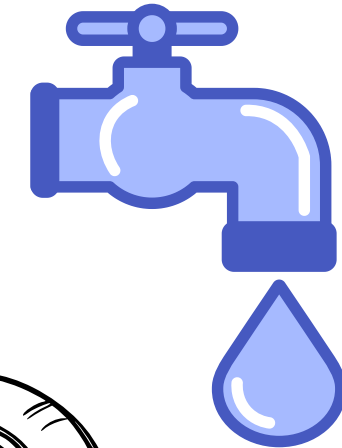
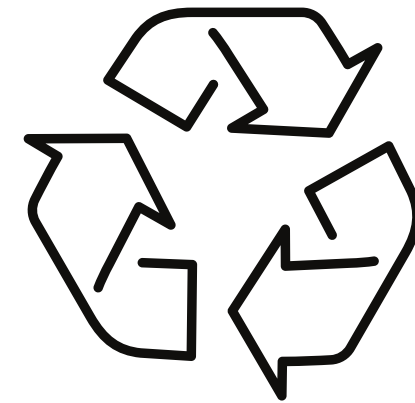
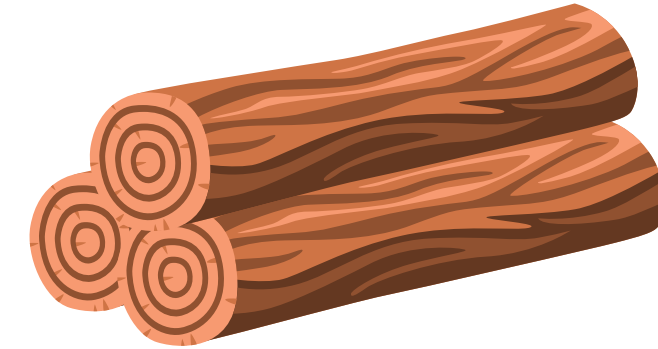
It is the largest environmental cause of disease and major risk factor for premature death in the world



Humanity produces 2.1 billion tonnes of waste every year



Shifting to cleaner industries and economies built on circular approaches is possible and can bring benefits to health, prosperity and ecosystem health





# Waste & Resource use

If everyone lived like you, we would need

2.6 Earths 

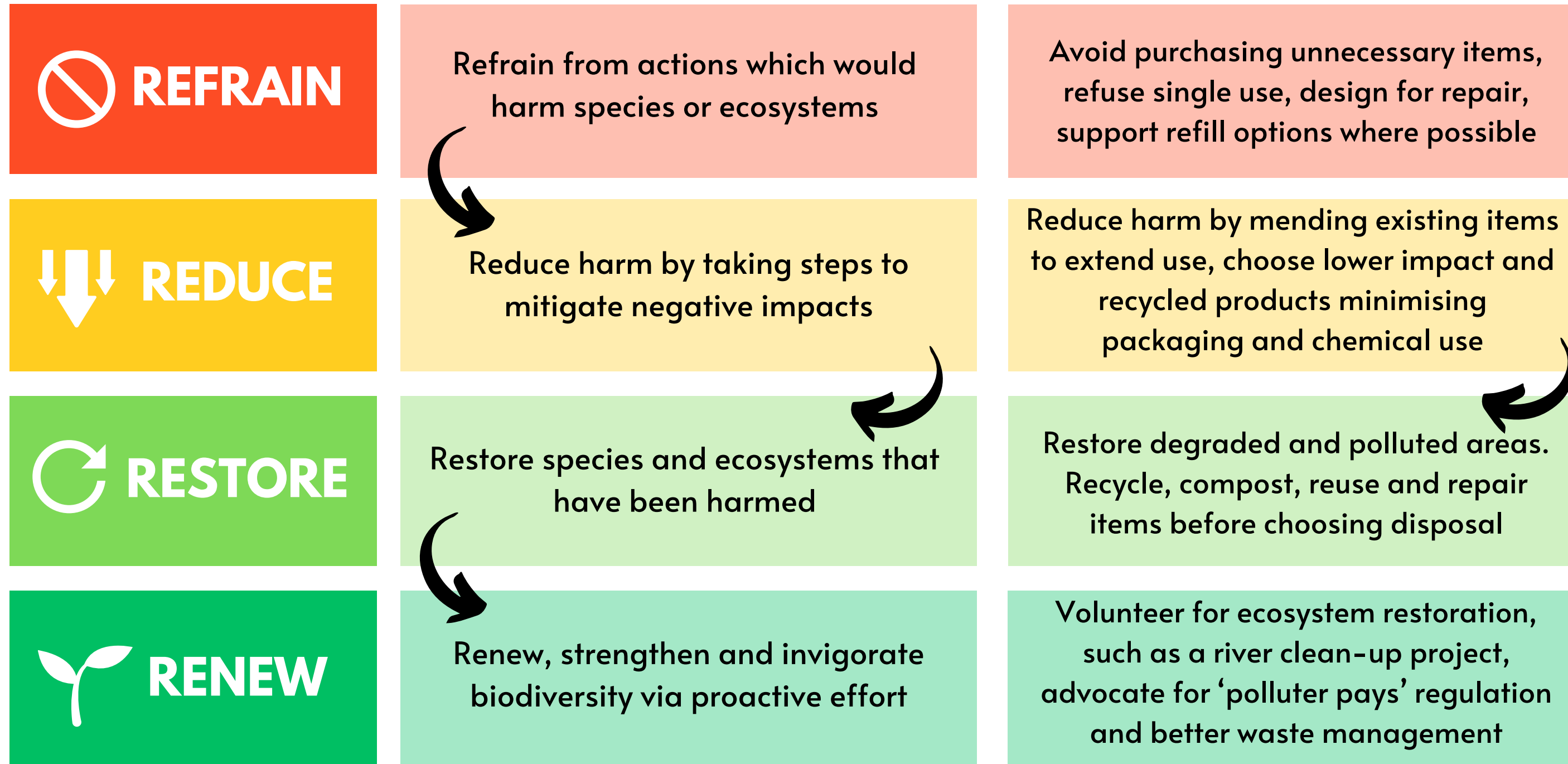


- Overconsumption
- Carrying capacity of planet
- We need new ways of thinking and designing products we use
- We need wiser ways to use our natural resources





# Conservation Hierarchy

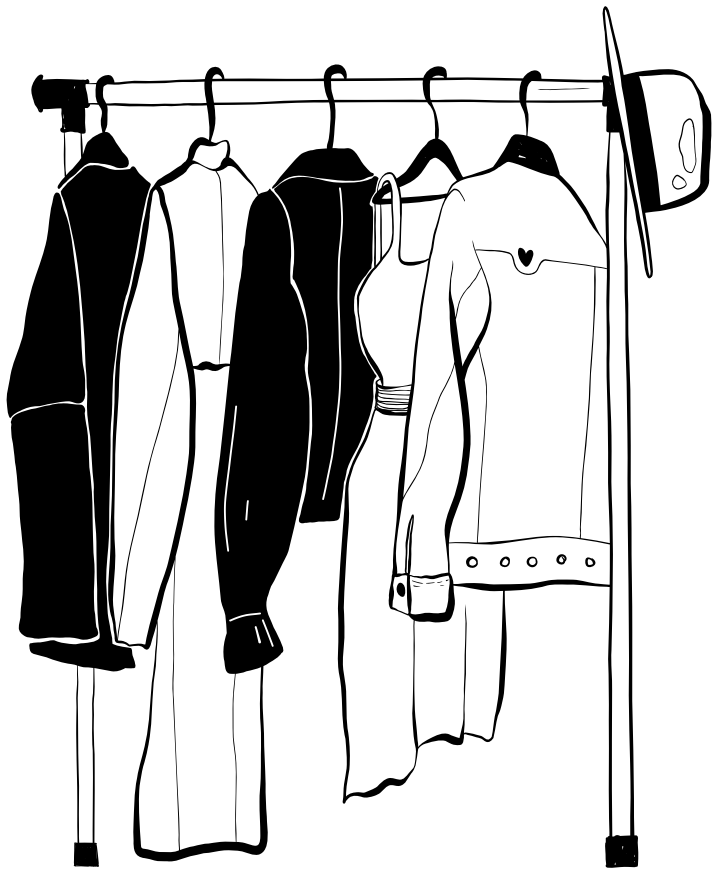


# Example: fashion/textile choices

Target: Reduce the environmental and social impact of my fashion/textile purchases as much as possible



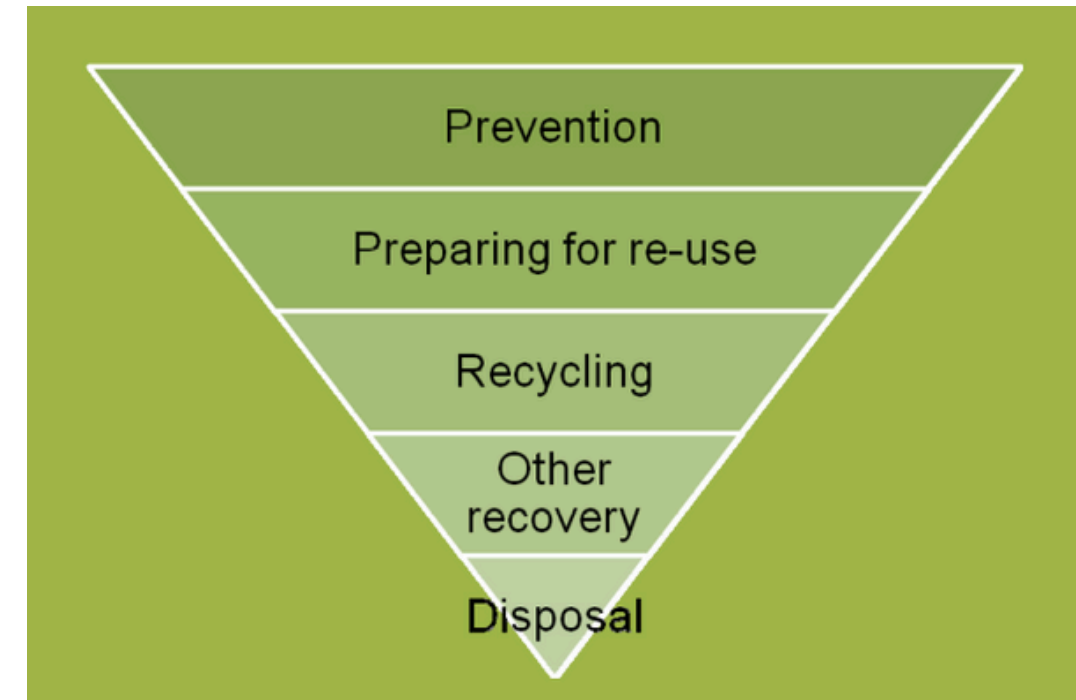
Refrain	Avoid purchasing unnecessary items. Avoid purchasing the most environmentally and socially damaging products, such as cow leather, high-pesticide/high-water use cotton, and products made in sweatshops.
Reduce	Minimise the impact of fashion items that are purchased, by only purchasing from companies with socially and environmentally responsible supply chains. Wash clothes only when necessary, at low temperatures, using environmentally-friendly detergent. Mend items rather than purchasing new ones.
Restore	Recycle clothes into new items (e.g. cut down trousers to shorts), set up a clothes exchange, or take unused items to a charity shop or a fabric recycler so they can be used again.
Renew	Donate time or money towards a river clean-up project, to restore or improve resilience of waterways to pollution from detergents and micro-plastics. Encourage others to adopt '4 steps' actions, and refrain from fast fashion. Advocate for better regulation of the fashion industry and waste management.



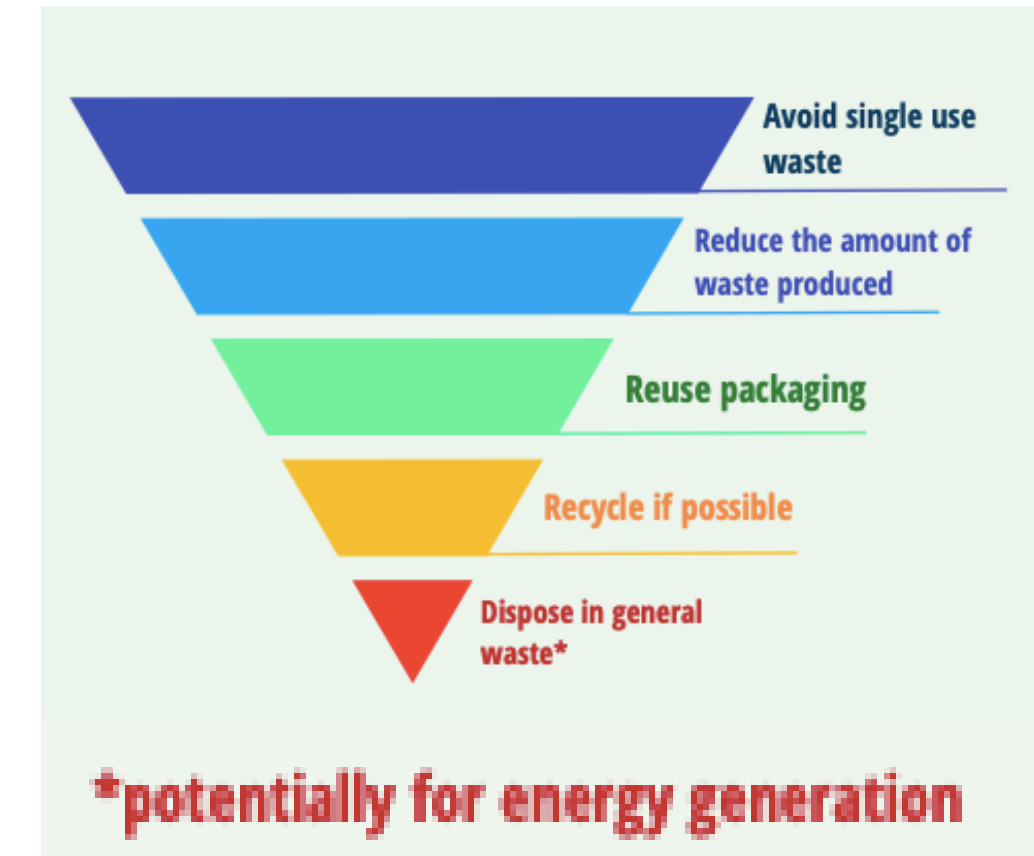


# Mitigation Hierarchy of Waste

Many similar frameworks exist, also based on the **Mitigation Hierarchy** to help prioritise waste management strategies



From DEFRA - Waste hierarchy guidance document



# Circular economy

By avoiding creation of **‘waste’** in the first place and using natural resources wisely, we can find creative solutions and move towards circular systems creating healthier societies and ecosystems

LINEAR  
ECONOMY



RECYCLING  
ECONOMY

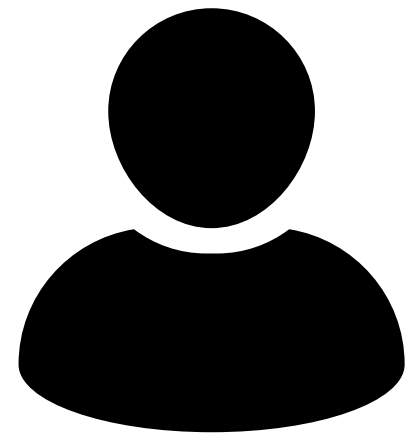


CIRCULAR  
ECONOMY

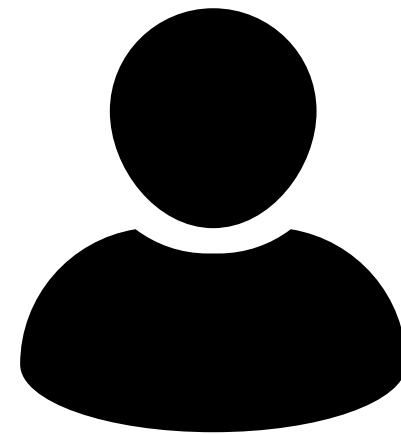




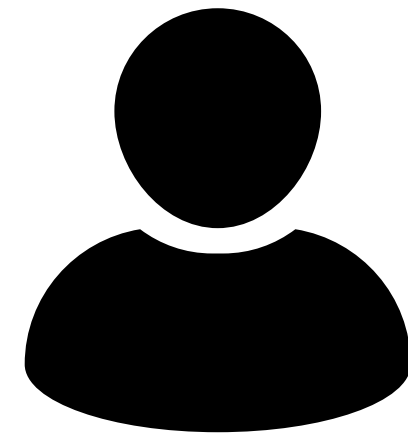
# Sharing experiences of waste and resource use actions on campus



**Sanaa Mittal,**  
Student Ambassador  
Ashoka University,  
**India**



**Valex Djeukui,**  
Student Ambassador  
Institut National Polytechnique  
Félix Houphouët-Boigny (INP-HB),  
**Côte d'Ivoire**




**Jose Fernando Victoria,**  
Student Volunteer  
Pontificia Universidad  
Javeriana Cali, **Colombia**

Time for  
Questions



# Group exercise - whiteboard

A whiteboard will shortly appear on the screen, and you will have approx. 5 minutes to write down any ideas and examples for tackling waste and resource use you’ve heard of or have been part of.



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Whiteboard exercise

**Student Ambassador Workshop 5 - Waste and resource use**

**Share any ideas and examples for tackling waste and resource use you've heard of or have been part of that could fit into these 3 areas:**

**1. Individual actions**

Need more sticky notes? Click the sticky note icon (📌) in the left toolbar to add them.

Using your own cutlery at work rather than single use ones

Reduce single use plastics

Using refillable bottles for cleaning products

Take your reusable bag when shopping to avoid single use bags

Use a reusable water bottle instead of buying plastic ones a lot, metal ones are especially good

avoid using plastic bags everyday for carrying lunch box. And use a single bag every day

Don't throw your used cooking oil through your home's water tubes. Freeze it and throw it to a non-recyclable bin.

make formation for plastic collection and created source of money

Use a water bottle so you don't buy a plastic one every time you go out

Shop second-hand (clothes, electronics).

Reduce Plastic Waste consumption

**2. Campus / community actions**

Need more sticky notes? Click the sticky note icon (📌) in the left toolbar to add them.

Thrift sale / clothing swap shop on campus

D collection drive and upcycle or reuse

Specialist bins for things that aren't easy to recycle like pens and batteries

Reusable coffee cup campaign where you get a discount on your drink if you bring a reusable coffee cup to reduce disposable cup use.

Set up swap shops for clothes, books, or furniture.

Waste collecting campaign

Contribute to research on zero waste practices

Ask your staff about setting up a resource centre on campus

Use waste generated such as fish waste as fertilizers

Thrive plastics - an initiative upcycling plastic picked up from beach cleans and is remoulded into lanyard card holders, keyrings, etc.

**3. Society actions**

Need more sticky notes? Click the sticky note icon (📌) in the left toolbar to add them.

Do campaigns and spread awareness

Encouraging people to bring their own cup at a cafe/shop by offering a discount for the reusable cup users

Organize and participate in cleanups

Strict regulation





Partner with recycling companies to drive waste recovery.

Design new products and ways of working that eliminate the concept of waste


Ask your supermarket to use less packaging on its products

Campaign for 'polluter pays' legislation to make sure industries and companies that pollute pay to clean up


**Conservation Hierarchy**

	<b>REFRAIN</b>	Refrain from actions which would harm species or ecosystems
	<b>REDUCE</b>	Reduce harm by taking steps to mitigate negative impacts
	<b>RESTORE</b>	Restore species and ecosystems that have been harmed
	<b>RENEW</b>	Renew, strengthen and invigorate biodiversity via proactive effort

**Mitigation Hierarchy of Waste**



**\*potentially for energy generation**



# Workshop 5 Actions:

This month's task is flexible: we'd like you to **explore and share** with us any initiatives related to waste, resource use and circular economy that are already happening at your institution OR **think about or plan a project** you could work on related to this topic. You are also welcome to instead continue with existing projects related to NPU.



We'd love to feature your Case Studies on the NPU website. We need a **title**, **100 words**, a **photo**, and a **URL** (if available) with a link to a website / post with more information. We will also be happy to feature these in this month's Toolkit.

[www.naturepositiveuniversities.net/case-studies](http://www.naturepositiveuniversities.net/case-studies)



# Case Studies

## Filter by keyword

- ☒ Student action (14)
- ☐ Action (13)
- ☐ Outreach (12)
- ☐ Land (10)
- ☐ Citizen science (6)
- ☐ Ecological monitoring (6)
- ☐ Baseline - Campus grounds (3)
- ☐ Food (1)
- ☐ Infrastructure (1)
- ☐ Waste (1)

## Filter by location

- ☐ Europe (5)
- ☐ North America (3)
- ☐ Latin America (2)
- ☐ Oceania (2)



## Student-run gardens and urban agriculture at McGill

McGill University's main campus may be in the centre of Canada's second largest city, but its students, faculty, and staff still find ways to connect with nature and promote biodiversity through a variety of garden initiatives. In addition to cultivating pollinator gardens on both campuses, McGill is home to the Macdonald Student-Run Ecological Gardens and the Campus Crops initiative, which provide local and sustainable produce for the University and the



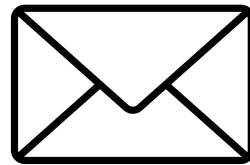
## Students commemorate World Clean Up Day in Lagos

Students from several Nigerian Universities joined together with their local communities to commemorate #WorldCleanUpDay2022 and #LeaveNoTrace campaign by organising several clean up events in September 2022. Litter pick events took place at Kontagora market, Lagos, and Uselu market, Benin City, Nigeria. Friends of Nature student group, University of Benin co-organised the events, which raised awareness and demonstrated opportunities to restore



# Next steps:

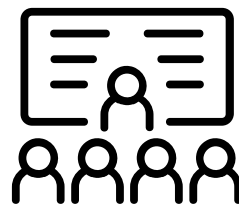
Look out for our email next week! We will email with a link to download the following:



- **A copy of these slides**
- **A recording of this session to watch back**
- **Toolkit 5: Waste and resource use**
- **Workbook Form 5: Waste and resource use**



Continue to check WhatsApp group: share your ideas and actions or ask advice from your peers!



Reminder - final workshop date and topic:

- **May 30th: Advocacy & community engagement**

1:1 opportunity to meet with Favour Eragbie to support your project ideas:

**<https://calendly.com/favochuwa/guidance-call-with-favour-eragbie>**





# City Nature Challenge 25-28<sup>th</sup> April



## Participating Cities



Some of your cities are taking part:

<https://www.citynaturechallenge.org/participating-cities>

- Delhi, India
- Kano State, Nigeria
- Sydney, Melbourne, Australia
- Monterrey, Mexico
- Hong Kong
- Lahore, Pakistan
- Gottingen, Germany
- Manchester, Bristol, Swansea etc, UK

iNaturalist

Event in progress

City Nature Challenge 2025

10 years of bringing the world together for biodiversity

City Nature Challenge 2025: Global Project

Apr 25, 2025 - Apr 28, 2025

About

Members 2259

Interested in participating in the City Nature Challenge but your city isn't taking part? Join this global project to have your observations be part of CNC 2025!

If you'd like your city to be an official CNC city next year, find a willing local organizer and

Read More >

Project Members Only

Project Journal

If your city is not taking part - you can still join:

<https://www.inaturalist.org/projects/city-nature-challenge-2025-global-project>





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#GenerationRestoration