

BLUEPRINT to a Circular Economy Closing Conference

March 2 2023, 10:30 - 16:00

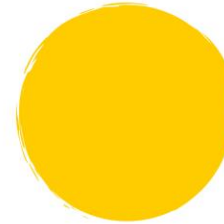
Welcome everyone!

projectblueprint.eu/events/closing-conference

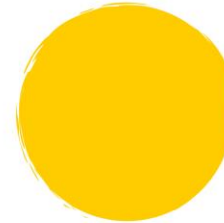


Housekeeping

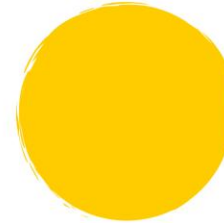
Before we start...



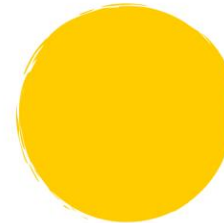
Welcome



The venue - things you need to know



BLUEPRINT website



Get involved!

Today's Agenda

- 1 Introduction**
- 2 WP2 overview**
11:00-11:20
- 3 WP3 overview**
11:20-11:40
- 4 Comfort break**
11:40-12:00
- 5 WP1 overview**
12:00-12:20
- 6 Lunch**
12:20-13:20
- 7 Breakout sessions**
13:25-14:10
- 8 Comfort break**
14:10-14:30
- 9 Panel discussion**
14:30-15:10
- 10 Guest speaker**
15:10-15:30
- 11 Conference wrap up**
15:30 onwards

The BLUEPRINT to a Circular Economy Project



Support innovation in order to address the economic and societal issues facing the FCE area



The BLUEPRINT to a Circular Economy Project



The BLUEPRINT to a Circular Economy Project

Enable

local authorities to
accelerate towards
a dynamic circular
economy

Equip

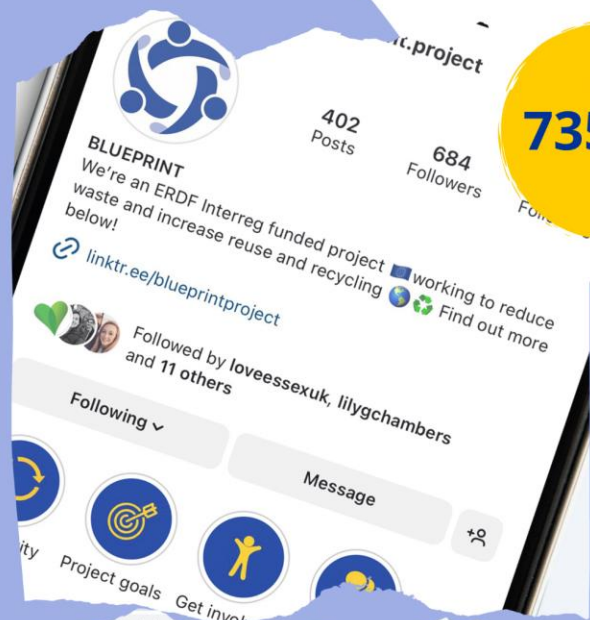
social enterprises and
training organisations to
support disadvantaged
people to secure jobs in the
circular economy sector

Enhance

community engagement
to deliver lasting
behaviour change for
residents and schools



54.5K



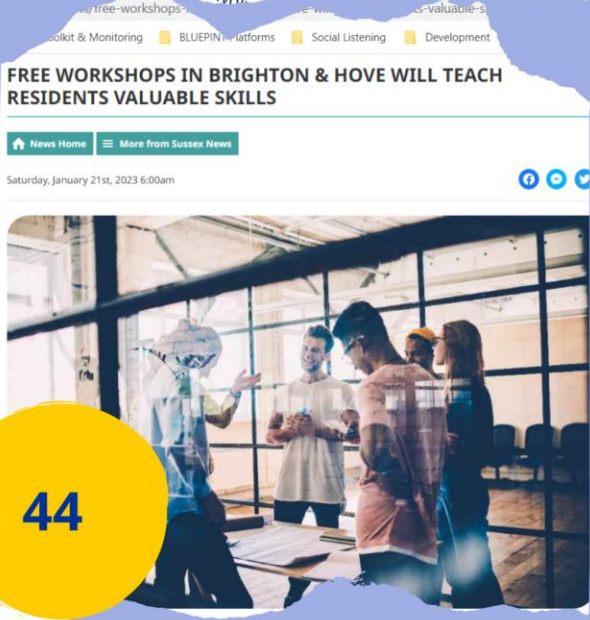
735.7K



21



771



44



Work package two

An overview

11:00-11:20

Paul Bourgeois (Anglia Ruskin University) & Fouzia Khadraoui (BUILDERS for society ecole d'ingenieur).

Interreg 
EUROPEAN UNION

France (Channel
Manche) England

European Regional Development Fund

BLUEPRINT 
to a Circular Economy



EUROPEAN UNION

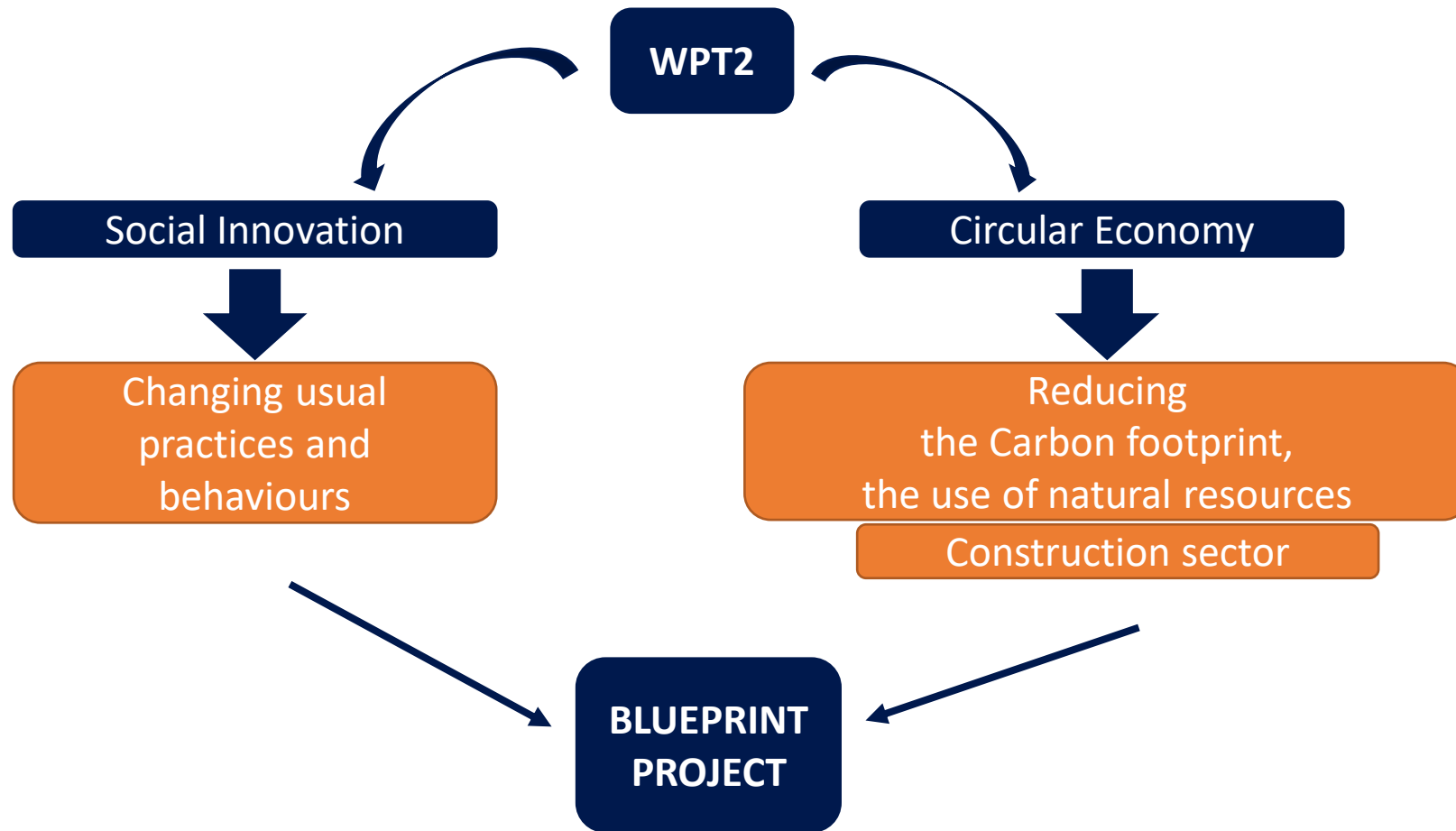
Training people for the circular economy

Who was involved?



EUROPEAN UNION

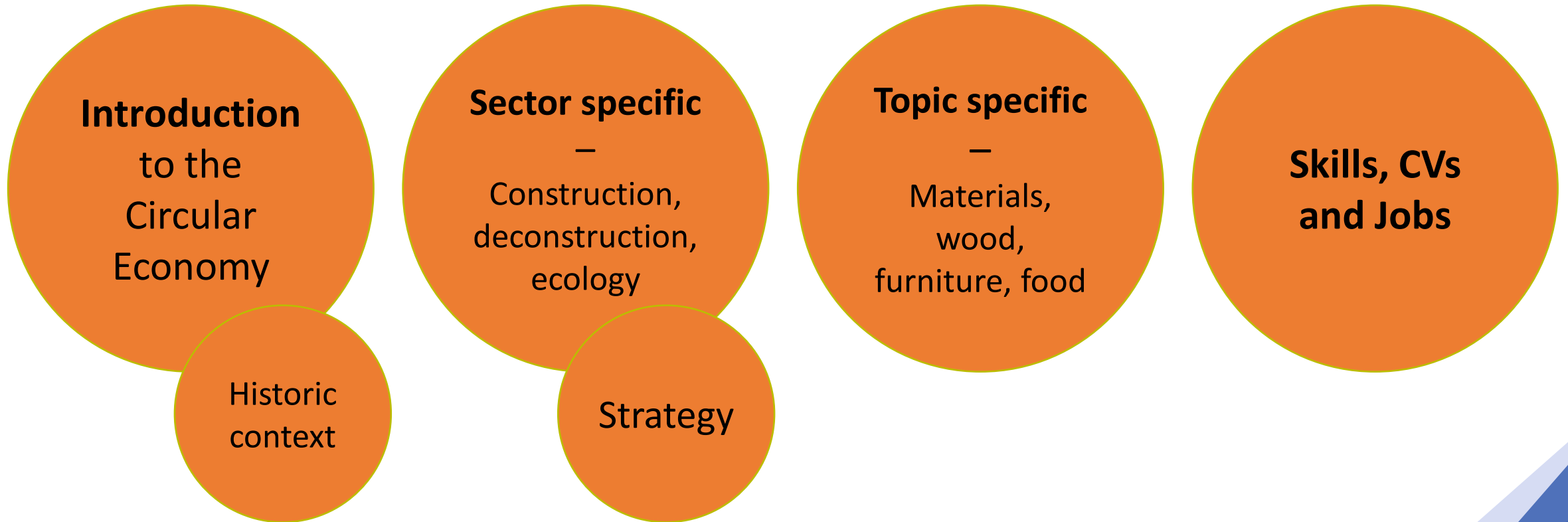




The Training Programme – 20 modules

- Intro to the Greener Economy (intro module)
- Skills and Opportunities in the circular econ
- CVs for Jobs in the Greener Economy
- Promote, Share and Sell
- Business Basics – CE diagnostic tools
- Circular Economy, what is it? (intro module)
- CE in the construction industry
- Territorial Strategy Development
- Bases of industrial and territorial ecology
- Focus on urban development, deconstruction
- Major challenges of the circular economy
- Environment, déchets et sociétés
- Anthropology of waste: status and waste recovery
- History of public waste from 1975 to today
- Technicien.ne Valoriste Reemploi
- Initiation à la terre
- Fresque des déchets
- Economie sociale et solidaire, Animer le réseau de son entreprise ESS d'EC
- Economie sociale et solidaire, Pitcher son projet EC dans l'ESS auprès des financeurs
- Réemploi de D3E

The Training Programme module aspects



How were they delivered?

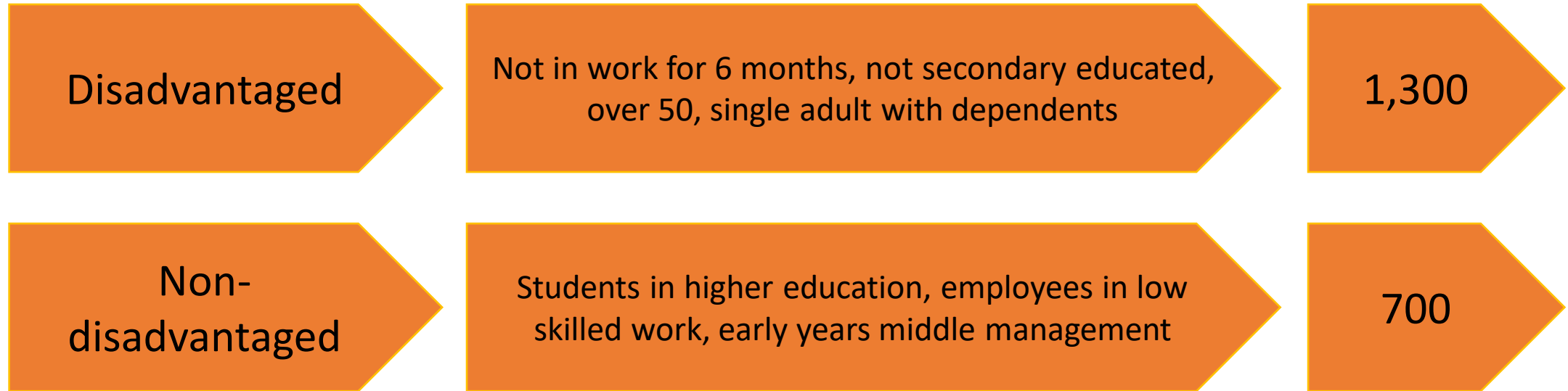
Online

Tutor Led Moodle
Self paced Moodle

In person

Bespoke module / video
Guided Moodle

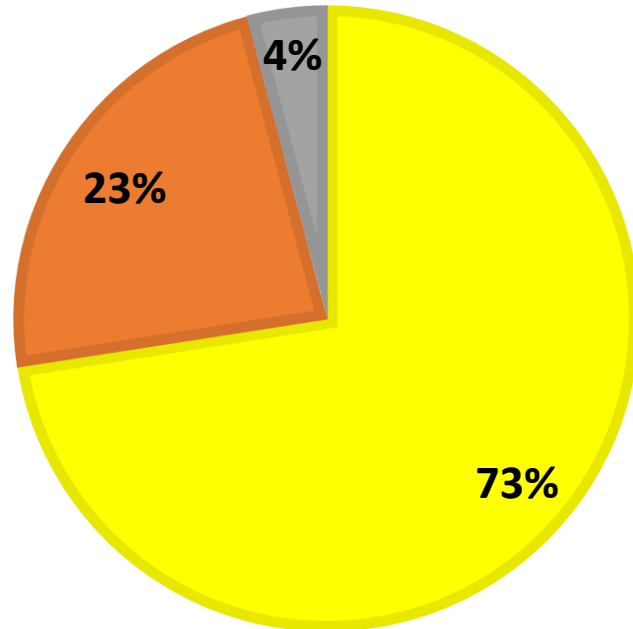
To who?



The Circular Economy Learners

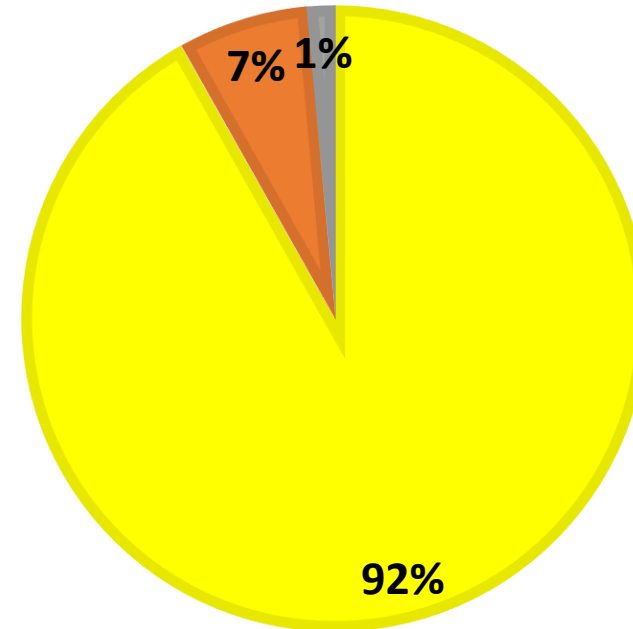
DISADVANTAGED

■ In person ■ Online ■ Mixed media



NON DISADVANTAGED

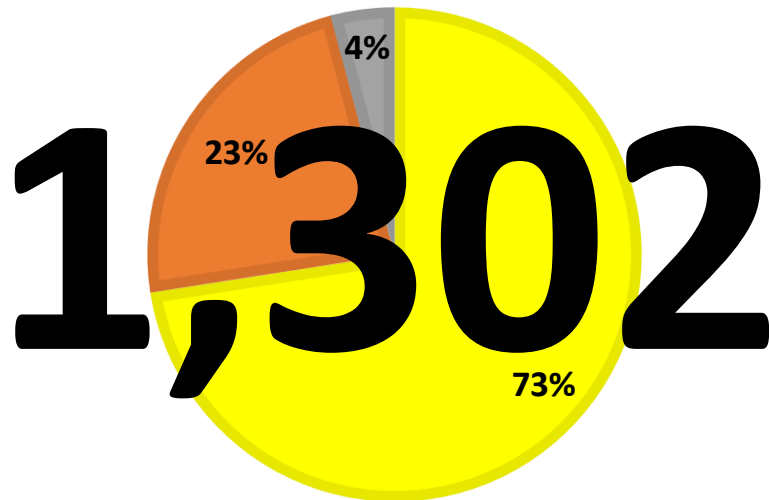
■ In person ■ Online ■ Mixed media



The Circular Economy Learners

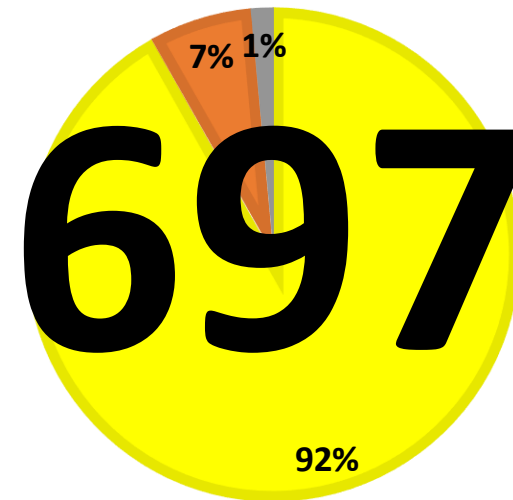
DISADVANTAGED

■ In person ■ Online ■ Mixed media



NON DISADVANTAGED

■ In person ■ Online ■ Mixed media



Learner Feedback and Comments

The content was great and the course was well run

It was a very interesting instructive morning. I would recommend it.

Training was such a real opener into sustainability for the construction industry and a quest to recycle everyday items is a real reminder of the importance of taking part in effective recycling of food items in the home.

Thoroughly enjoyed the course and gave me inspiration

Really enjoyable class, conducted by an expert!

I learned a new skill - thank you.

A great thought provoking class

Next steps for our Learners and the Social Enterprises

- ✓ Leaving a BLUEPRINT legacy
- ✓ Securing work placements, volunteering opportunities and jobs
- ✓ Enabling the Social Enterprises to continue to access and use the training programme modules to support learners
- ✓ Academic reflection and Local Authorities taking the endeavour forward

Thanks for listening

Any questions?



Work package three

An overview

11:20-11:40

Ellen Durling (Kent County Council) & Zoe Greenslade (Brighton & Hove City Council).

WORK PACKAGE 3

**Aims to
engage people to
change their behaviour
to increase recycling rates,
reduce waste
and support the
transition to a circular
economy...**

Biggest achievements

- Residents

- Behaviour change
- Re-framing waste conversations
- Creating a space with residents for the circular economy



Biggest achievements

- Organisations

- Creating lasting connections and networks
- Legacy materials
- Upskilling officers
- Project partner cooperation

*"They found
Fox's waste enjoyable
and learnt along
the way"*

Swap shop/freecycling
starter kit



Your guide : How to host a swap
shop/freecycle event

This kit provides everything you need to plan and host your own event. Please feel free to use the resources within this kit to promote your event. Advice is based on recommendations from our own experiences.

For event success, organisation is key so we have split this kit into 3 sections to get you started, planning, preparing and implementing.



Have you seen these
BLUEPRINT RE-DIRECTORY
stickers around?



 Emmaus - Cambridge

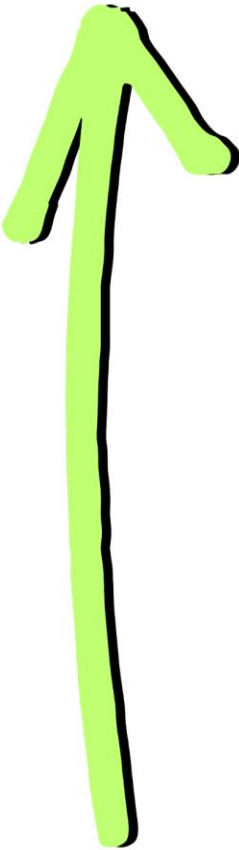


 Paston Farm
Community Foundation



Top Level Data

Pilot Type	Deliverable	BLUEPRINT Project Target	BLUEPRINT Project status	% Over Target
Households	Total number of people engaged - Households	800	4,346	+443%
Schools	Total number of schools recruited	520	704	+35%
	Total pupils engaged	12,000	31,709	+164%
Digital	Total number of people engaged	50,000	102,940	+106%



Data Insights

500
reusable
period kits
distributed

546
Environmental
Ambassadors

953 residents
signed up for
Library of Things

1787 Kitche
downloads

519 residents
signed up to
Betterpoints
app

Challenges

- Comms reach
- Issues with delivery from external partners
- Engaging schools
- Time constraints
- Virtual vs in-person engagement

Impress your guests



Borrow kitchen appliances from the Essex Library of Things

Our place to reuse, borrow & share

Ask a member of Library staff for more information or visit loveessex.org/libraryofthings

Interreg
France (Channel) England

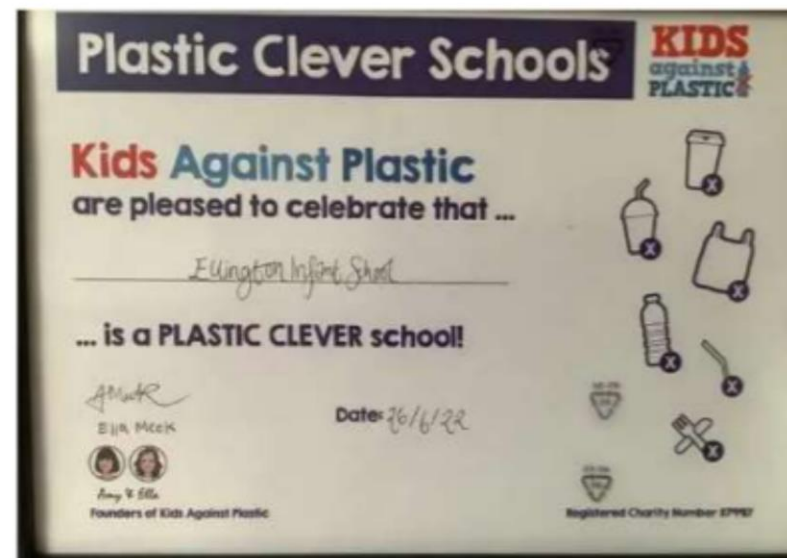


BLUEPRINT
to a Circular Economy



Lessons Learnt

- Promotion is vital
- Set clear goals and expectations
- Existing relationships vital to engagement
- Variety of approaches key to engagement
- Collaboration

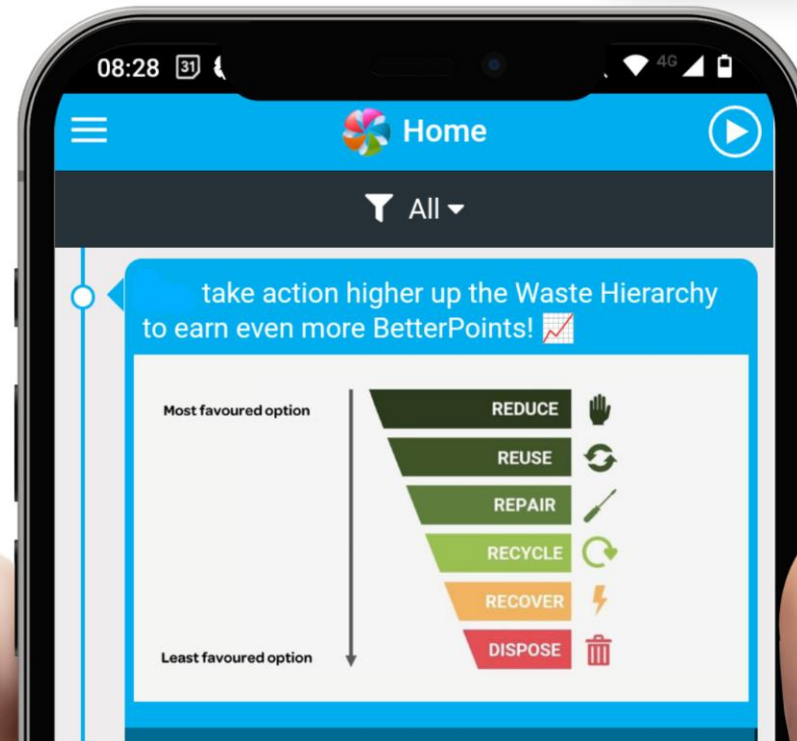
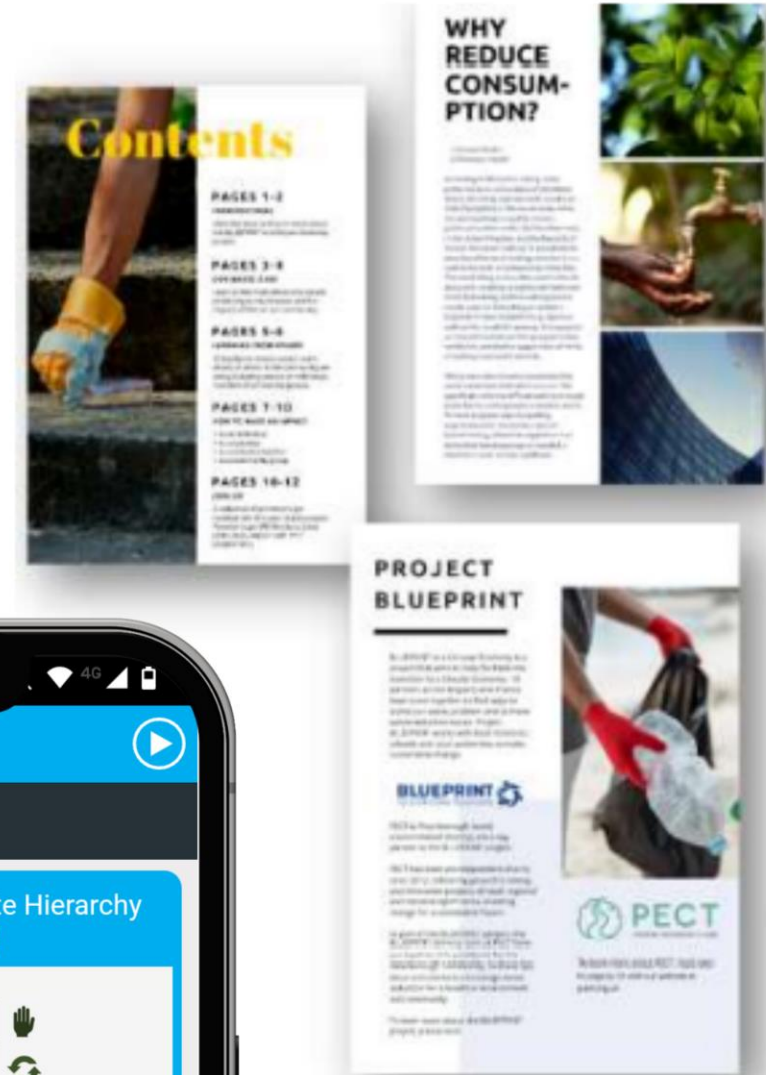


Legacy

- Behaviour change
- Normalising circular economy behaviours
- Circular economy principles embedded in business as usual

"We have really enjoyed this project, thank you!"

*Hangleton School
Hove*



Legacy

- Better data collection
- Established networks
- Partners
- Third sector organisations
- SMEs
- Residents



"The girls loved it and all said they took something away from it, lots of questions asked throughout the meet, the girls even wanted to stay longer in the meeting instead of playing football! My daughter came home educating mum on chemicals in disposable products and what's best to use..." - Strikeforce, Kent

Thank
You!

Comfort break

11:40 - 12:00

Please be back in your seats in the New White Loft ready for the next presentation to begin at 12:00

Slido question:
What does the circular economy mean to you and your organisation?



slido.com
#BPCC



Work package one

An overview

12:00-12:20

Hannah Ramsey-Smith (Essex County Council), Gabriella Asara (ECC) & Rembrandt Koppelaar (EcoWise).

WP1

Local authorities and the circular economy

Gabriella Asara – Senior Circular Economy Officer, Essex County Council

Hannah Ramsey-Smith – Sustainability and Resilience Manager, Essex County Council

Rembrandt Koppelaar – Head of Circular Economy, EcoWise

Agenda

WP1

Local authorities and
the circular economy

1. Background
2. Research and data collection
3. Collaboration and innovation
 - BLUEPRINT Model
 - Circulates
 - Local authority training
4. Lessons learnt
5. Legacy

Research and data collection

Tools for local authorities from our research

Circular Economy Futures Analysis

<https://projectblueprint.eu/report/waste-flow-circular-solutions>

Circular Economy Solutions Library

<https://projectblueprint.eu/solutions>

Circular Economy Project Development Templates

<https://projectblueprint.eu/report/project-development-document-template>

Changing Behaviours research

<https://projectblueprint.eu/model/changing-behaviours>

What does a Circular Economy look like?

Waste flow and scenario analysis of circular economy solutions and potentials in France and England

This report provides an overview of activities carried out to build an online library of circular economy solutions that cover activities already underway in the France (Channel) England (FCE) area, in the shift to a circular economy. The efforts are made to link these activities to potential impacts on waste flows and job creations.

How can we propose a new circular economy intervention?

Circular Economy Project Development Document - Template

The purpose of this template document is help to define the scope, approach and financial needs of a circular economy project. It includes the project scope, project management, costs and benefits and risks.

[Download file](#) 

What Circular Economy Solutions are there?

Smile Plastics

Solution: 100% recycled, and 100% recyclable panels. Owner: Smile Plastics. Circular Strategy: Recycle.



Description

Smile Plastics are a small business that makes panels made using a vegetable-based resin. The panels are made using a vegetable-based resin before pressing, creating a sustainable and recyclable material.

Location

Swansea, Wales.

Circular economy solutions

These innovative circular economy solutions have been implemented in England and France. We hope these case studies will inspire local authorities to launch similar initiatives in their area.

Please use the filters to find solutions that interest you. Click the titles to read more. Do you know of any other circular economy solutions? Email blueprint.project@essex.gov.uk to suggest new case studies!

Filter by:

Solution type

Material

Location

[Filter](#)



Living Packets

This organisation provides alternative packaging for deliveries. To make sending and receiving packages safe and sustainable.



Refill

This organisation shows individuals where they can eat, drink and shop with less waste (plastics waste in particular).

How can we get there by changing people's behaviours?

BLUEPRINT Model - Changing behaviours

Summary notes

This page aims to provide insight and inspiration from the BLUEPRINT to a Circular Economy Project (BLUEPRINT Project) and industry leading or its objective is to support local authority officers to change behaviours to support a circular economy. This page will:

- Detail the role of policies in changing resident behaviours in England and France.
- Share insights into how local authorities can create successful behaviour change interventions.
- Identify barriers and solutions to changing behaviours.
- Consider the role of communications in delivering successful behaviour change interventions.
- Highlight how collaboration and partnerships can achieve shared benefits and accelerate progress.
- Share circular economy interventions developed as part of the BLUEPRINT Project.
- Summarise data analysis, monitoring and evaluation of behaviour change interventions.

Collaboration and Innovation

The BLUEPRINT to a Circular Economy Model



The BLUEPRINT to a Circular Economy Model

Project findings, recommendations and research

Procurement working group
ECC, BHCC & KCC

ReLondon Procurement training

Partner workshops
3

Local authority workshops
3

Critical friends




BLUEPRINT Baseline Activity

Waste Strategy for Essex Engagement



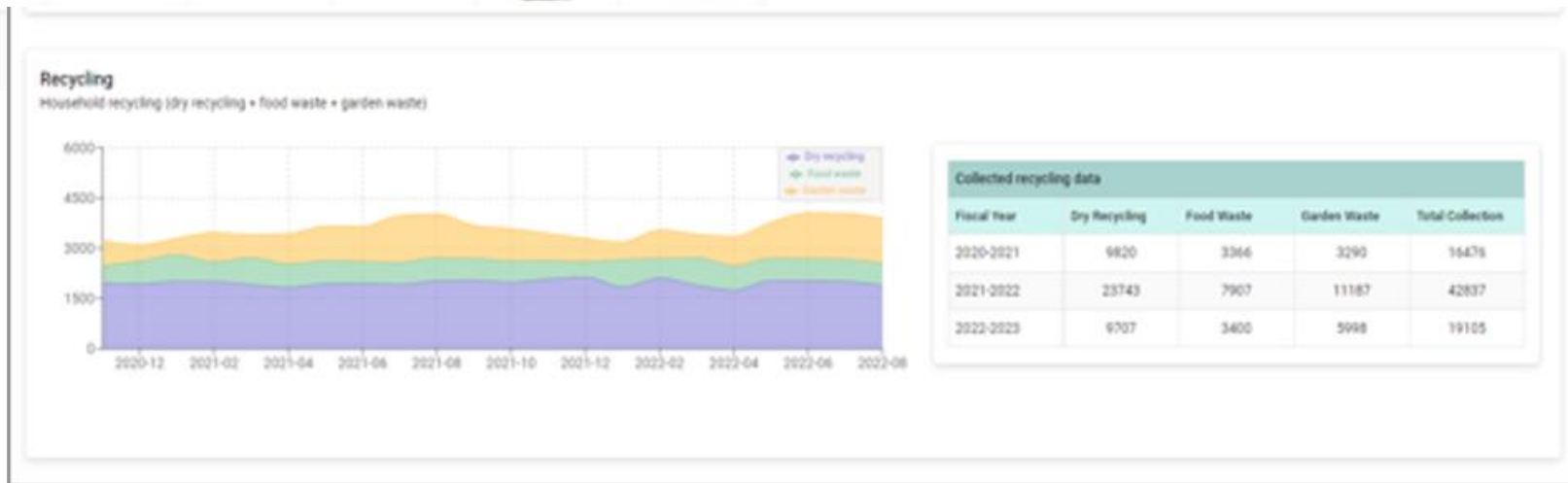
SCAN ME

Circulates Tool

Street/Household Type	Collected Materials	Container Type	Average Collection Frequency	Capacity	No of Containers	No of Households Served	Image	Actions
Flats Above Shops	Residual waste	Bag from council	Weekly	40	2000	2000		Update Delete
Flats Above Shops	Residual waste	Bag self-bought	Weekly	80	2000	2000		Update Delete
Flats and Estates	Dry recycling	Wheeled bin	Weekly	340	3000	8000		Update Delete
Flats and Estates	Residual waste	Shared large bin	Weekly					

How can we better plan, monitor & evaluate a circular economy?

<https://projectblueprint.eu/theblueprint>
<https://circulates.co.uk/>



Local authority training sessions

BLUEPRINT TO A CIRCULAR ECONOMY MODEL

TRAINING SESSION

19 JANUARY 2023, 9:30-11:30



Score (0-3)	Before	After
0	Average score: Before	INSERT SCORE
1	0.29	2
2		
3		



The BLUEPRINT to a Circular Economy Model

Welcome to the BLUEPRINT Model



35 Local Authorities

Local authority training sessions



Lessons learnt

Lessons learnt

The BLUEPRINT Model

- No French local authority partner
- Widely accepted terminology
- Coordinating with a vast number of stakeholders

The local authority training sessions

- Having oversight of the whole organisation
- Engagement with leaders
- Embed CE across departments
- Time to process and apply the concepts
- Lack of resources for smaller LAs and suppliers
- Create more opportunities for involvement and networking
- Follow up over time

Legacy

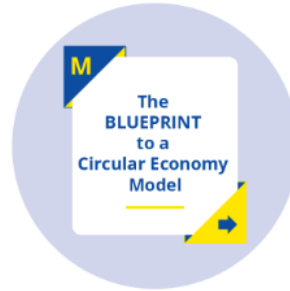
Legacy



**International
collaboration**



Net zero



BLUEPRINT Model



150 CE solutions



CE directory



Circulates



CE training



**Lasting behaviour
change**



**Materials available
for 4 years**



Awards

Read on...

projectblueprint.eu



SCAN ME

Thank you

blueprint.project@essex.gov.uk

Gabriella Asara – Senior Circular Economy Officer, Essex County Council

Hannah Ramsey-Smith – Sustainability and Resilience Manager, Essex County Council

Rembrandt Koppelaar – Head of Circular Economy, EcoWise

Reuse

13:25-14:10 - New Victorian Loft



The Restart Project

Fiona Dear

Frengle

Cat Fletcher

Claire Potter Designs

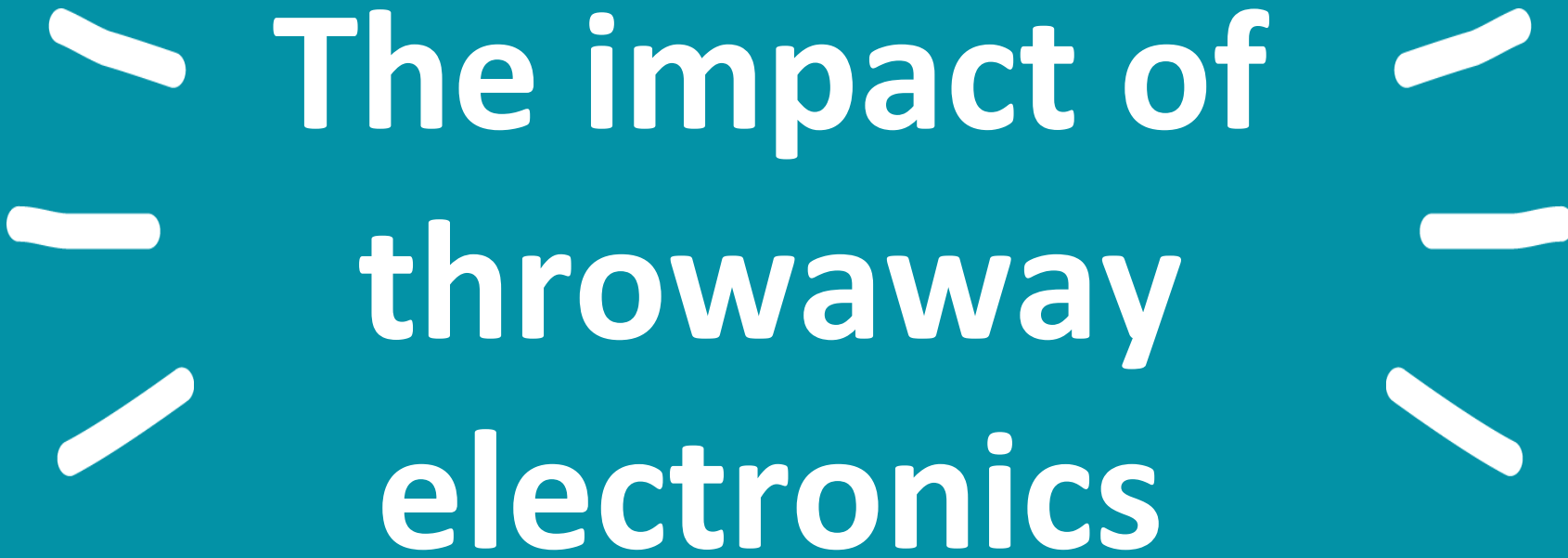
Claire Potter





restart 

Don't despair, just repair



**The impact of
throwaway
electronics**

E-WASTE

The fastest growing waste stream in the world



The Countries Producing the Most E-Waste

The countries which produced the most e-waste per capita in 2019



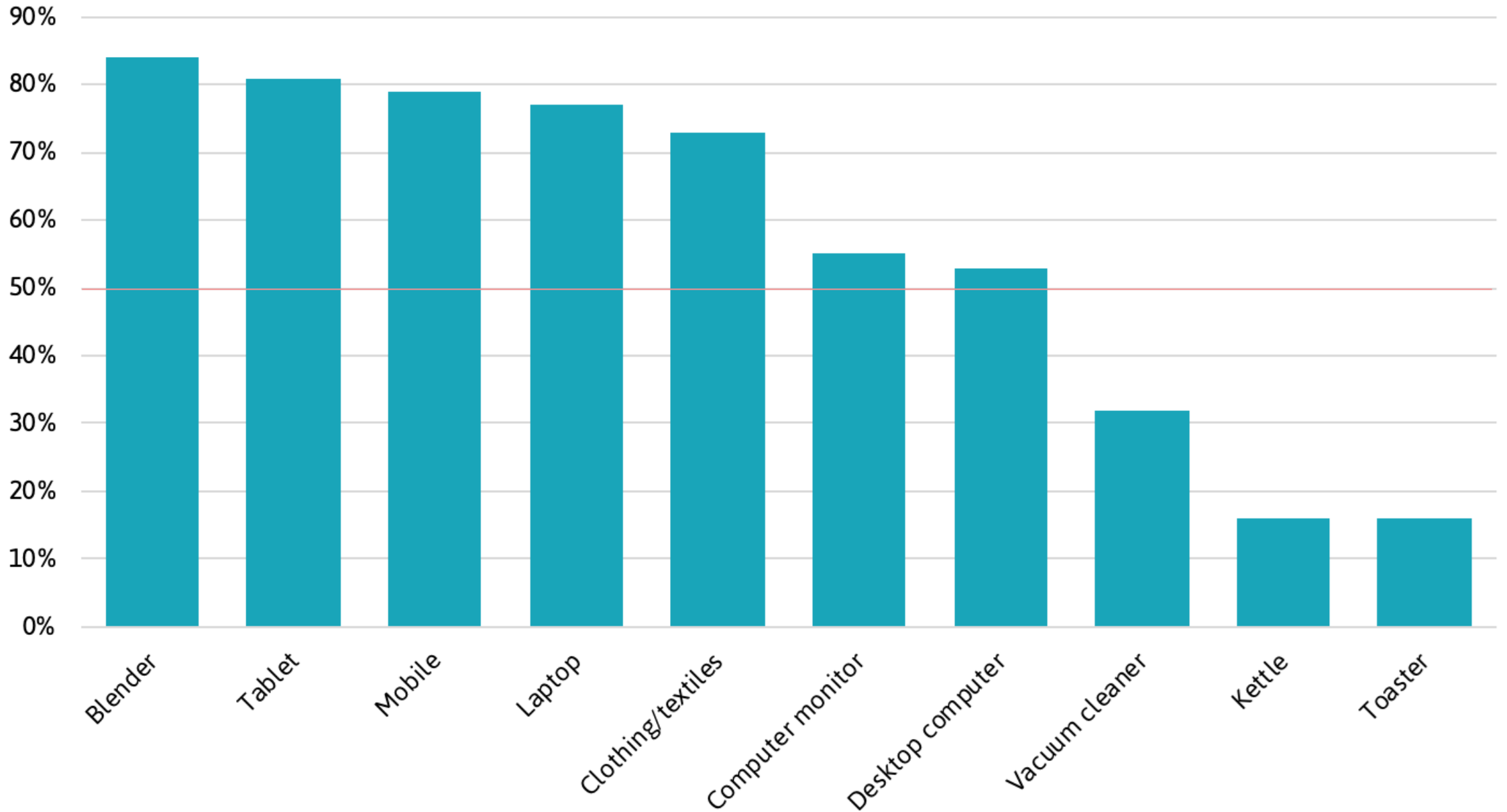
Source: Global E-Waste Monitor 2020



HIDDEN IMPACTS



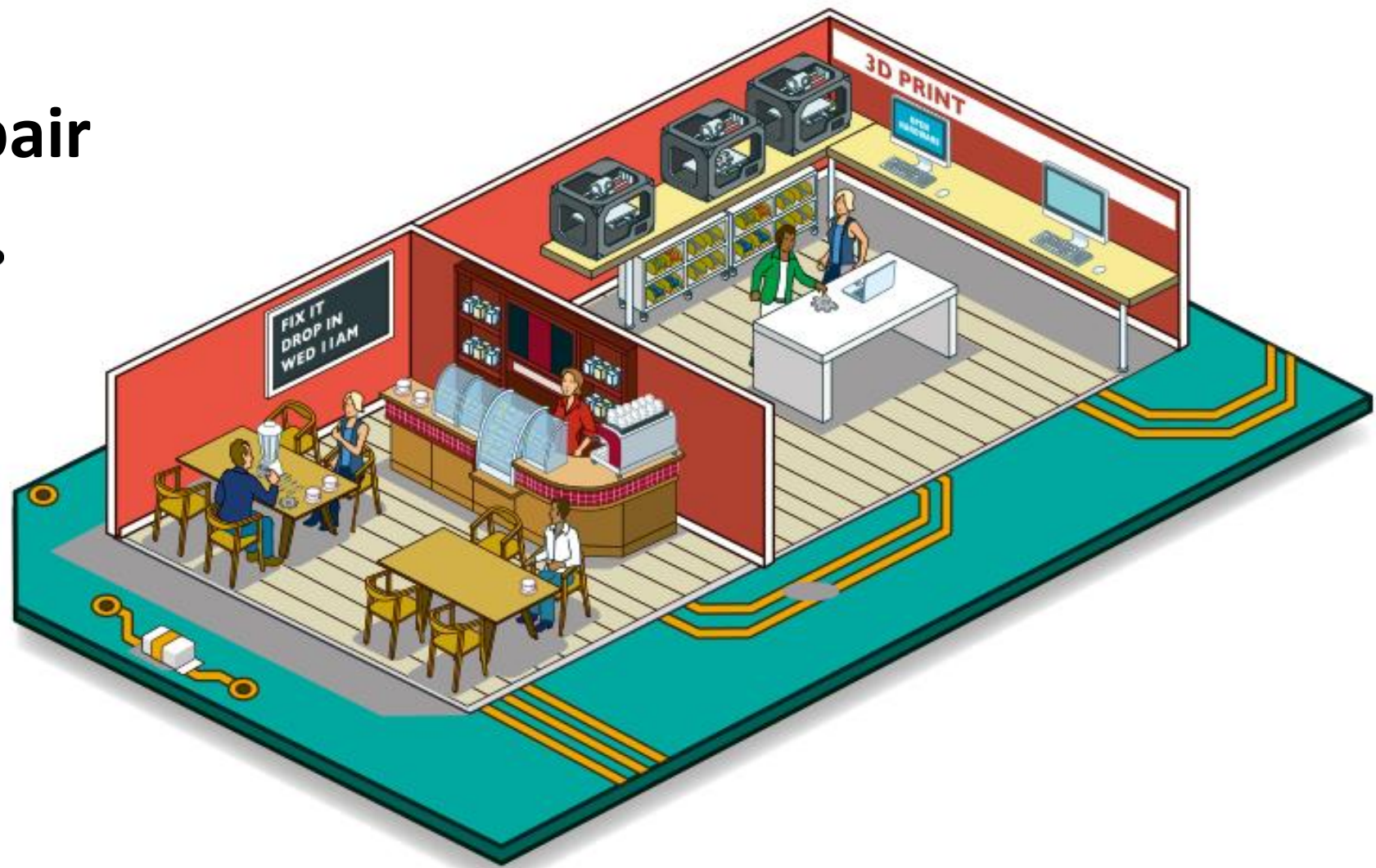
Pre-use CO2e impact as a percentage of total lifetime impact

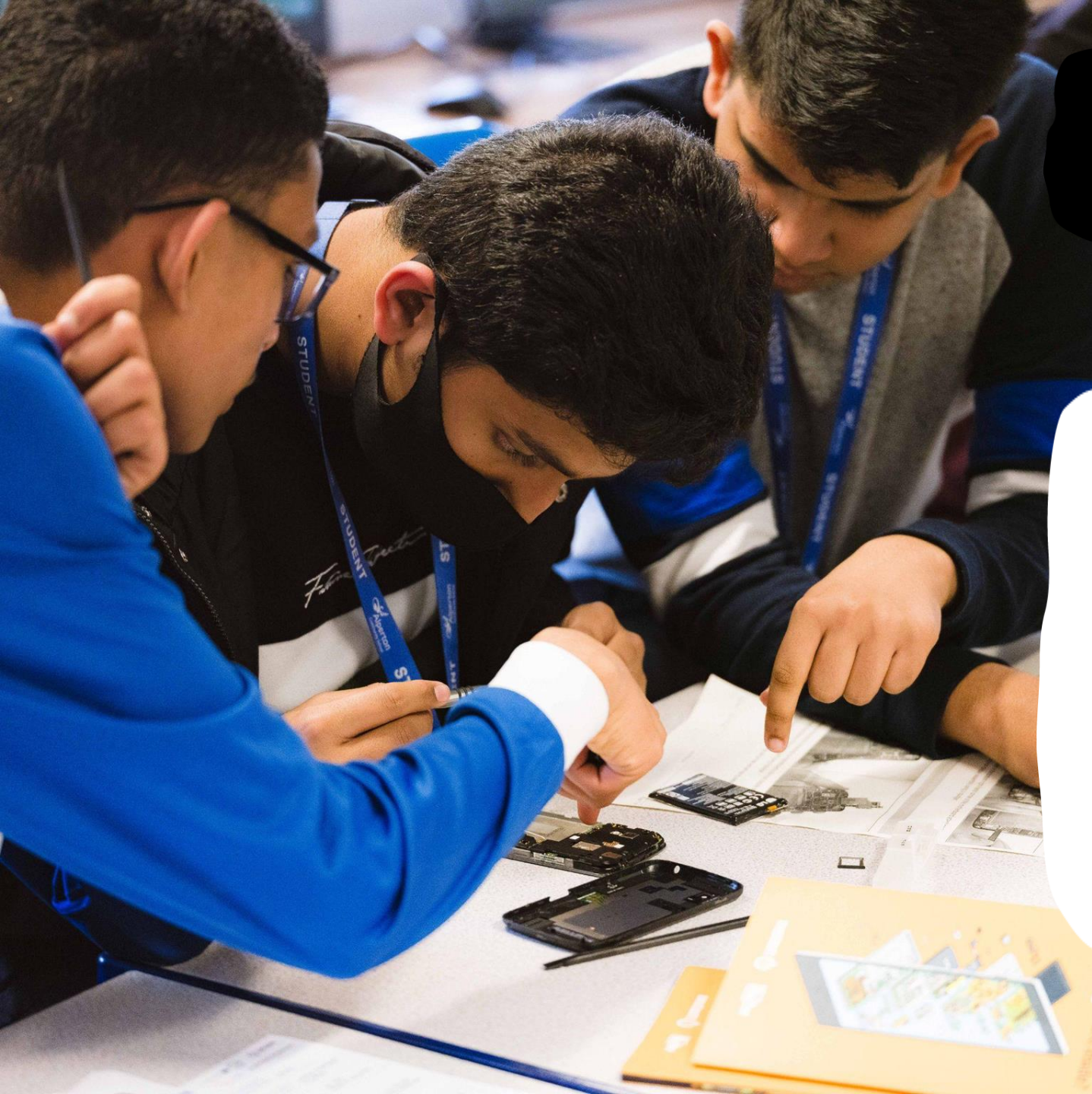


**What's stopping us
repairing our stuff?**



Access to repair





Community Repair



Restart Parties make electronic repair social and accessible and ...fascinating

We support repair groups across the UK and beyond

Fixing Factories

2 pilots:

Brent waste facility will repair laptops for donation to people without digital access

Camden high street Community hub for small electrical repairs

Next: Making the case for scaling up

... BBC News
Repairing broken gadgets for a greener future
A group of volunteers in Camden, London, want to save the scrapheap. (81 kB)



Possible.
Inspiring climate action

 **Welcome to Restarters!** 



We are a global network of people who help others repair at community events.





JOIN US

LOG IN



Learn and share repair skills with others

-  Brush up on your repair skills with our repair wiki
-  Get or share repair advice on the forum
-  Follow your local community repair group

START REPAIRING

Organise community repair events

-  Get advice and support from other organisers
-  Manage your group and find volunteers
-  Publicise repair events and measure your impact

START ORGANISING



Bring down the barriers to repair

-  Join the global Right to Repair movement
-  Document the barriers to repair
-  Analyse repair data

JOIN THE MOVEMENT



Restarters.net

A platform for the repair community to:

- Coordinate
- Log repair data
- Share tips
- Host & promote events

Impact: London Restart network



6,947
participants



10,680
hours volunteered



400
events



7,575 kg
waste prevented



137,097 kg
CO₂ emissions prevented

Repair
Directory

LONDON REPAIRS

Choose with confidence from over 300 businesses across London that repair everything from smartphones to lawnmowers to electric guitars.


> 300 reliable
repair
businesses
across London

Find a London business to repair your broken devices.

Where are you looking? Search radius?

What do you need to fix?

319 results in your area [Share results](#)

A map of London and surrounding areas, including Hertfordshire and Essex, showing various towns and roads. Numerous blue location pins are scattered across the map, indicating the locations of repair businesses. The map includes labels for towns like Watford, Hemel Hempstead, St Albans, Hatfield, and Epping, as well as major roads like the M1, M25, and A1.

Londonrepairs.org

Laptop Donation directory ... and coordination

Map of grassroots groups that refurb devices to donate for digital access.

Next: Develop support network

The screenshot shows the 'restart' website interface. At the top, there is a navigation menu with links for 'About', 'News', 'Restart Parties', 'UK laptop donation' (which is underlined), 'Get involved', and 'Hire u'. Below the navigation is a search form with the following fields:

- Header: 'Donate your tech to help reduce digital exclusion.'
- Field: 'Where are you based?' with a placeholder 'Enter a postcode or area'.
- Field: 'Search radius?' with a dropdown menu set to 'All UK'.
- Field: 'What do you want to donate?' with a dropdown menu set to 'Show all product categories'.
- Button: 'Search'.

Below the search form, it displays '73 results for your search' and a 'Share results' link. The first result is '2econd Chance' with a 'Visit website' link. To the right of the search form is a map of the United Kingdom and Ireland, showing numerous blue location pins indicating the presence of grassroots groups across the country. The map includes labels for 'HEBRIDES', 'SCOTLAND', 'United Kingdom', 'NORTHERN IRELAND', 'Isle of Man', and 'Ireland'. Major cities like Inverness, Aberdeen, Dundee, Edinburgh, Glasgow, London, Manchester, Liverpool, and Dublin are also labeled.

Fixfest

A regular global gathering of repairers and tinkerers, activists, policy-makers, thinkers, educators and companies.

Next: Fixfest UK, Cardiff in
June 2023
(in planning)





restart

fiona@therestartproject.org

therestartproject.org

   [restartproject](#)

OH GOD I AM SO TOTALLY WASTED

"It's not waste until you waste it"
Cat Fletcher

- 2009-22 **Freegle UK** Co-Founder and Media Director
- 2010-22 **Environment Rep Brighton** Third Sector network
- 2012-22 **Brighton Waste House**
- 2013-22 **Reuse Depot** Founder and Operative
- 2014-22 **City Council Reuse** contractor Brighton & Hove
- 2016-20 **Tech Takeback** Co-Founder
- 2018-22 **Oceans8Brighton** Female Plastic Waste Collective
- 2020-22 **Planet Brighton** Climate Emergency
Hub Co-Founder
Freegle FREE SHOP



@ThisIsFreegle
@CityReuseDepot
@WasteHouse



@Freegle
@CityReuseDepot



**The
world consumes
45-60 billion tonnes
of raw materials
every year.**

(2010 data published 2012)



What's Freegle?

www.ilovefreegle.org

- **FREE Giving Locally Easily** since 2009
- UK network of 500 reuse groups
- “Online dating for unwanted stuff”

- 4 million members
- 1,000 volunteers
- ~1,000 tonnes reused monthly around **UK**
- Anything legal can be freegled (passed on for repair, reuse, upcycling)

- Fulfils government and EU directive to work at top of waste hierarchy
- www.gov.uk/government/publications/waste-prevention-programme-for-england (Dec 2013)

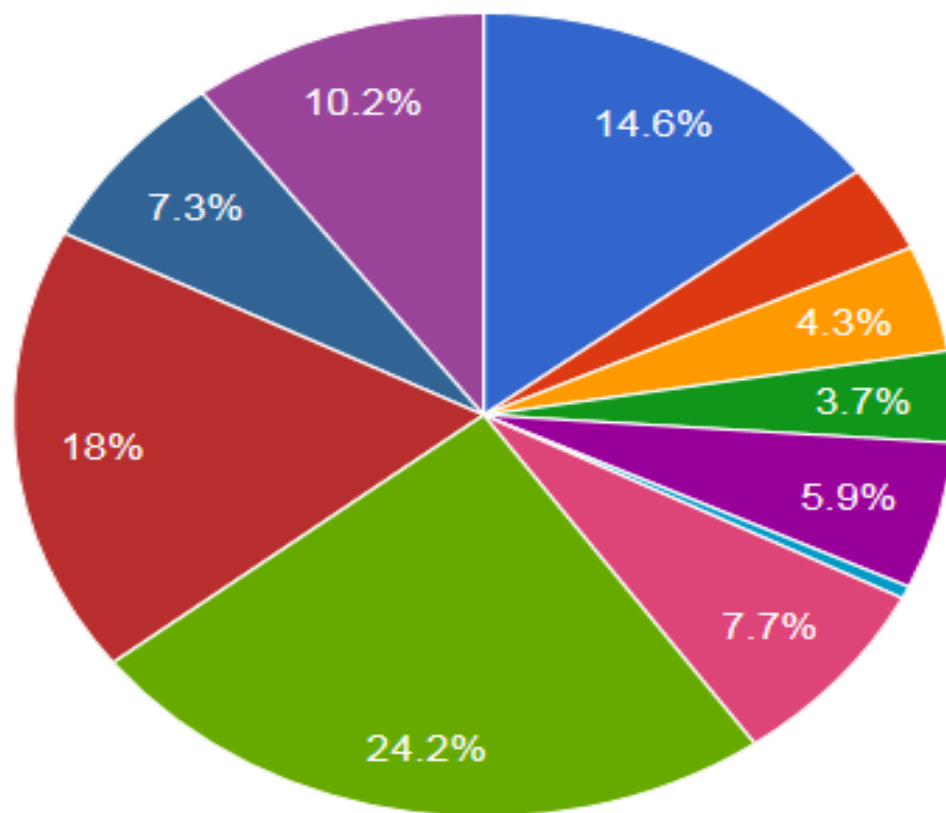


What gets freegled?



794 tonnes freegled in the last 31 days

For groups using Freegle Direct, we correlate items with are OFFERed with when they are TAKEN, and similarly for WANTED items. This will be an underestimate as we do not always know that this has happened. Then we estimate weights for each one, and the resulting estimate is then scaled based on group activity to cover all Freegle groups.



- Domestic Appliances (116 tonnes)
- Pet-related (28 tonnes)
- Office & Home Office (34 tonnes)
- Miscellaneous (29 tonnes)
- Children & Baby (47 tonnes)
- Clothing (4 tonnes)
- DIY (61 tonnes)
- Furniture (192 tonnes)
- Garden (143 tonnes)
- Household (58 tonnes)
- Leisure & Entertainment (81 tonnes)

Why use Freegle? What's in it for councils?

Support Reuse - Build Resilience - Tackle Furniture Poverty



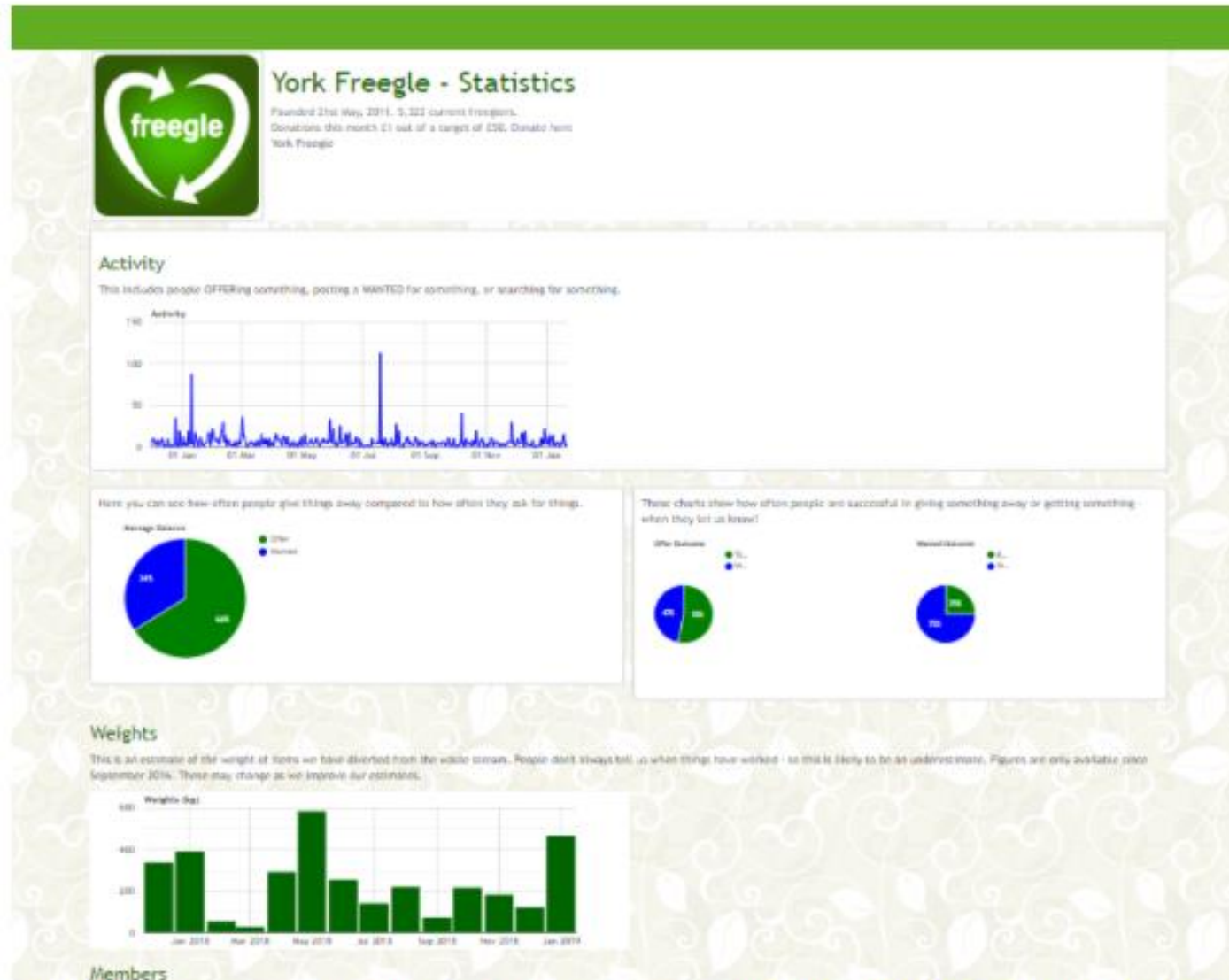
Join a growing number of forward thinking councils who are working with Freegle - the reuse experts. Make reuse your priority and provide residents with the help they need to become more resilient. By sponsoring your local Freegle communities you will facilitate a fantastic amount of reuse locally in a highly cost effective way.

We supply bespoke and generic assets and support make it easy for councils to target and respond to:

- *Bulky-waste enquiries
- *Fly-tipping areas
- *Financially challenged citizens
- *Residents, small businesses and community groups
- *Special housing areas
- *Seasonal needs
- *Climate Change challenges

Live Statistics


On each Freegle community's page you can view live statistics for that particular community (the example below is for <https://www.ilovefreegle.org/stats/York-Freegle>). We also use WRAP's Benefits of Reuse tool to generate CO2 and cost savings data.



You can also search for statistics for specific local authorities from <https://www.ilovefreegle.org/stats/authoriti>


11.7
TONNES


£8,285
BENEFIT


5.9
TONNES CO2

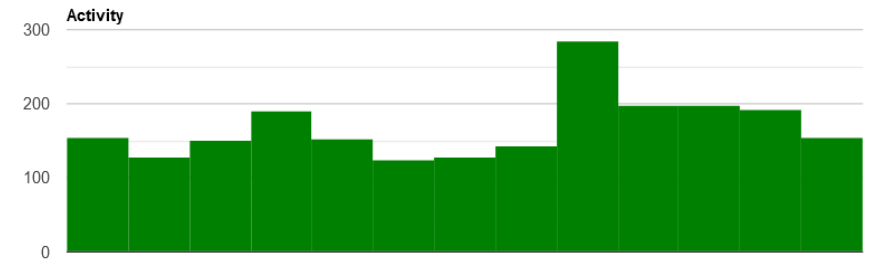
These three figures are totals over the last 12 months.

Activity

Month

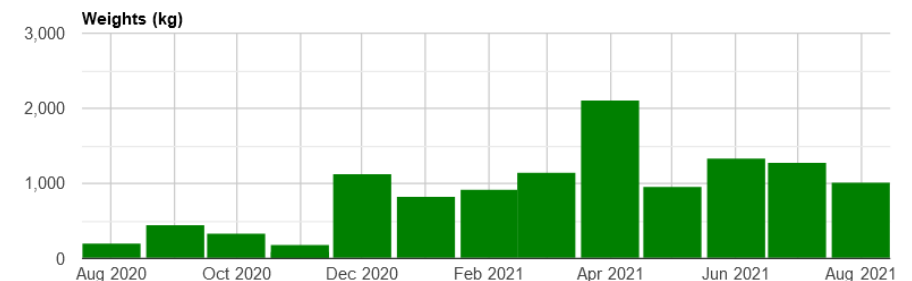
Activity

This includes people OFFERING something, posting a WANTED for something, or replying to an OFFER/WANTED.



Weights

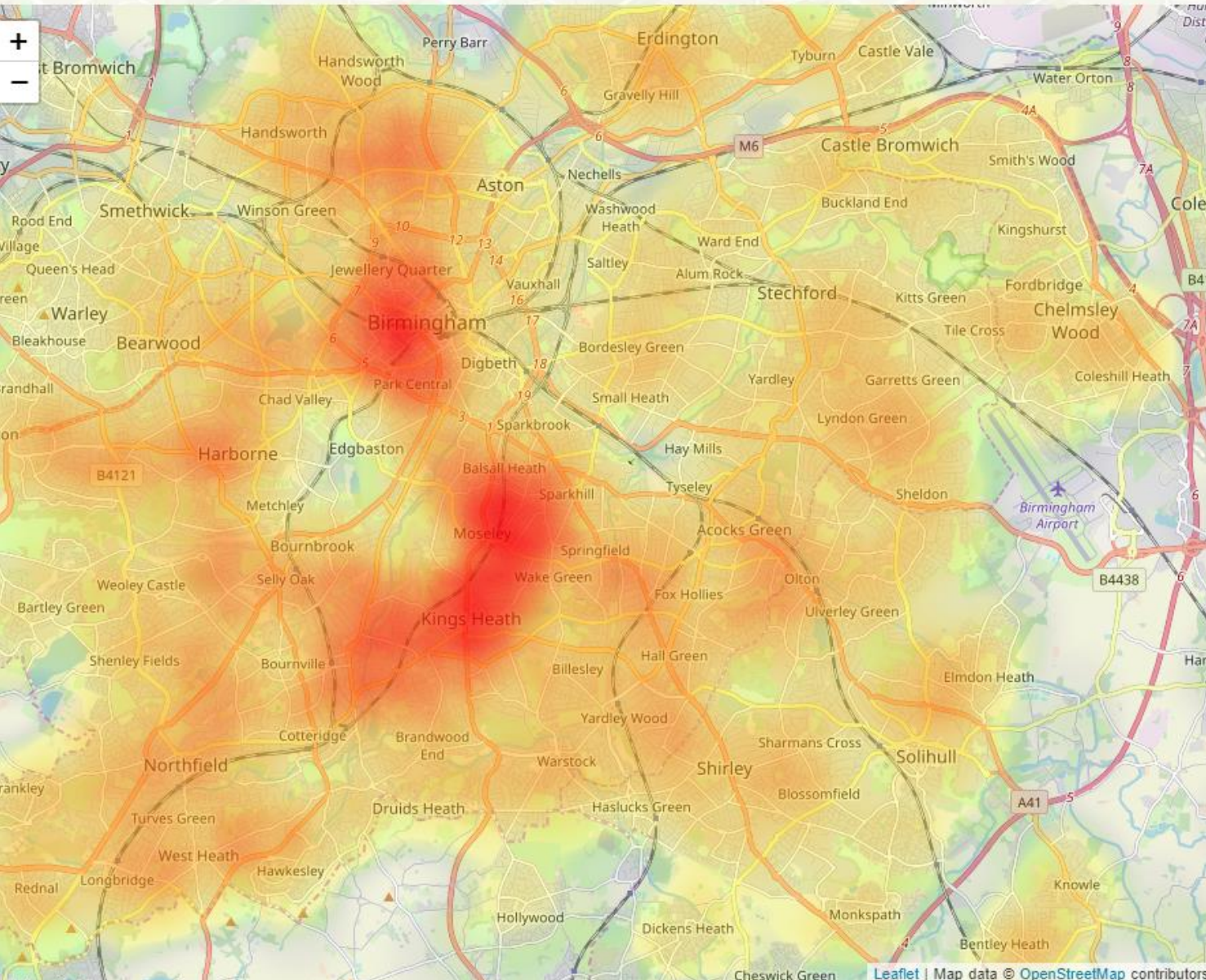
This is an estimate of the weight of items we have diverted from the waste stream. People don't always tell us when things have worked, so it's likely to be an underestimate. Benefit and CO2 are calculated using a [tool from WRAP](#). Figures are only available since September 2016 and may change as we improve our estimates.



Freeegling Heatmap

This shows where the most items have been freeegled. It might take a little while to load.

The locations are approximate for privacy. The colours are relative to the area currently shown.



Mapping data to help councils measure and manage waste prevention.

<https://www.ilovefreegle.org/stats/heatmap>

Zoom in and see where reuse activity is happening (or not!) in your local area.

Measure outcomes of campaigns.

Find areas to target to promote reuse.

Compare with other council areas.

Case studies – partnerships with councils

Cumbria County Council & Freegle *Making reuse count*

A successful partnership between re-use charity Freegle and Cumbria County Council has led to a new way of thinking about **reuse in the community**.

Key Outcomes

Since 2014, the Waste Prevention Team at Cumbria CC together with seven local Freegle groups and other partners have jointly facilitated the creation of a community of more than 20,000 Cumbrian Freegle users. In 2020, an estimated 135 tonnes of 'stuff' got diverted away from the waste stream and put back into good use, representing a CO2 saving of 68 tonnes for the county. The partnership was also shortlisted for the 2015 Partnership Award at LARAC.

Big Lottery Project kick start

When Freegle was launched in 2009, two local Cumbrian groups (Kendal & Penrith and Eden) immediately jumped on board. Resident Chris Cant, who also acts as Community Representative on Cumbria's Waste Carbon Reduction Group, volunteered to run the Penrith and Eden District Freegle group. Chris felt that working together with the local authority was crucial:

<https://www.ilovefreegle.org/councils/why>

Case studies – partnerships with councils

Essex County Council & Freegle *Supporting resilient communities through reuse*

The partnership between Freegle and Love Essex is a best practice example of how the public sector can meet the not-for-profit, to achieve more with less.

Encouraging resilient communities

The Sustainability and Resilience Team at Essex County Council, otherwise known as 'Love Essex', are a team of ten, working across a range of sustainability projects. These include waste prevention & reuse; environmental awareness and an Interreg-funded project called BLUEPRINT to the Circular Economy.

Encouraging reuse has long been an integral part of the Love Essex offer. Alongside this, a number of community-led, local Freegle groups began to form in the county after Freegle's launch in 2009. The Love Essex team were quick to see the financial and social benefits of engaging with Freegle further and in 2016 a mutually beneficial partnership between the two was formed.

Essex County Council acknowledged the value in supporting residents to build more self-reliant communities through the simple act of reuse, an activity which impacts positively on use of resources, saves money and helps to protect the environment, aligning neatly with many of the Love Essex priorities.

Love Essex - a move towards reuse

The 'Love Essex' brand and website were launched in September 2018, replacing 'Recycle for Essex'. The county council and the districts worked together to develop a single brand with a consistent message to promote waste reduction, prevention, recycling and reuse.

The website is now the county's main hub for all things related to household waste & recycling, recycling centres and waste prevention initiatives. Information arrives via the website, a dedicated Facebook page, Twitter, Instagram and a monthly e-newsletter for residents. Over 15, 000 residents are current subscribers to the newsletter and this multi-channel method of communicating with the public has proved to be very effective. Cathryn Wood, Senior Sustainability & Resilience Officer at Essex CC commented:-

“Our monthly e-newsletter is one of a range of digital communications that we use. Use of social media platforms to reach out to residents has become more important, especially in the current climate, when face-to-face engagement is not possible and many are spending more time in the home. We monitor all our campaigns on a monthly basis using measures such as the 'open' and 'click' rates to help inform us as to what works most effectively. This digital trail, means that engagement can be measured and monitored much more effectively than with more traditional communication methods, such as radio ads and print.”

Essex's twelve districts, boroughs and cities use the Love Essex website to share news, ideas and content derived from this central source through their own channels.

Share the benefits of swapping items



2020 was a great year for Freeglers across Essex. More than ever before we have been going online to swap items rather than putting



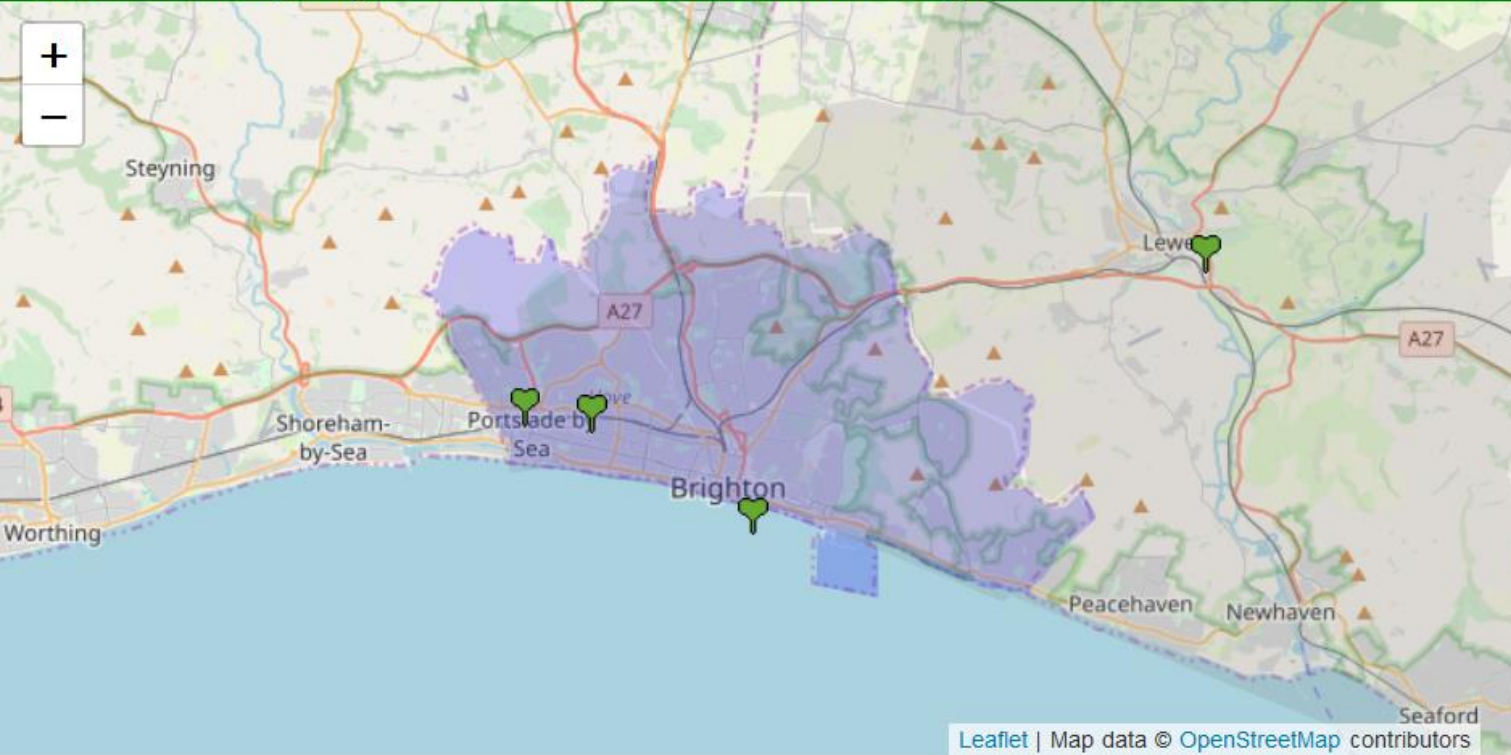
**Shortlisted for
2021 LARAC AWARD
for
Best Partnership!**

LARAC
CONFERENCE
CELEBRATION AWARDS

The City of Brighton and Hove (B)



www.iLoveFreegle.org [@thisisfreegle](https://twitter.com/thisisfreegle) facebook.com/Freegle



Leaflet | Map data © OpenStreetMap contributors



<https://www.ilovefreegle.org/stats/authorities>

Freegle in East Sussex County

www.iLoveFreegle.org [@thisisfreegle](https://twitter.com/thisisfreegle) facebook.com/Freegle



Map data ©2018 Google | Terms of Use | Report a map error



Hove Town Hall 2014

138 tonnes REUSE of council's unwanted goods
Directly benefitting 250+ locals (organisations, businesses, artists etc)

SAVINGS council £35k against cost of disposal
creating **£150k economic value** back into the local area
62 tonnes carbon offset





KINGS HOUSE REUSE PROJECT

Freegle and Brighton & Hove City Council partnership

100,000 square metre building

1,000 staff vacated
280 rooms to empty

170 TONNES DISCARDED

150 TONNES REUSED
2 TONNES UPCYCLED
15 TONNES RECYCLED
3 TONNES to ENERGY FROM WASTE FACILITY

£150,000 REUSE VALUE BENEFITING

50 schools **500 citizens**
300 charities/community groups
150 local businesses and
30 tonnes to Sussex Hospital

225 TONNES CARBON SAVINGS
£41K DISPOSAL COST SAVINGS



January 2016
to
May 2017



**Brighton & Hove
City Council**



"The statistics provided are one of the biggest benefits to us partnering with Freegle as reuse is notoriously difficult to measure. The statistics show the impact of our investment, whether it's carbon, money, waste etc. and enables us to validate the investment."

Andrew Jenkins, Waste Promotions Lead Officer,
Buckinghamshire



From a member of Stroud Freegle

Moving house after 25 years

I am extremely grateful to Freegle and members for helping me in my move. I advertised several items and when people came to collect they also took many more bits and bobs before I had chance to advertise. I have recycle much more than anticipated and could only have done this with your wonderful help. Many many thanks

From a member of Bedford Freegle

Became homeless and the Free-
gle community helped get me
back on my feet in so many
ways. Thanks

A great way to meet people you would never meet
swap exchange sell and even share skills with each
other. A responsible community who dont give rub-
bish and always seem to brighten my day.

"Local Freegle communities have been active within our community for several years now and as a local authority we felt compelled to support and encourage them. There are some excellent examples of reuse already happening within the groups. The fact that residents can pass on a range of useful resources such as furniture, clothing or children's toys, means that those in our community who are most in need, get to access such items for no cost."

Cathryn Wood, Senior Sustainability & Resilience Officer, Essex
County Council





Brighton Waste House

Europe's first public building built with waste sourced via FREEGLE on a zero waste construction site.

Opened in June 2014.

90% materials used for construction were diverted from the bottom of the waste hierarchy.

Built by students, professionals, apprentices and volunteers



Why build out of waste?

Construction and the operation of buildings – U.K.
Consumes **60%** of all materials
Results in **33%** of all waste
Accounts for **45%** of CO₂eq emissions

For all 2019 data, see:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/784263/UK_Statistics_on_Waste_statistical_notice_March_2019_rev_FINAL.pdf

70m² PLYWOOD

Reused material from Ecobuild 2013 installation-ply was second hand to begin with and painted in New Life Paints.



20L PAINT

Used everywhere.



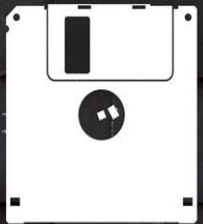
500 BICYCLE INNER TUBES

Old ones used as sound/impact insulation in upper floor.



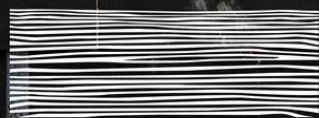
2,000 FLOPPY DISCS

Wall cavities upstairs and downstairs – mixed with other obsolete technology.



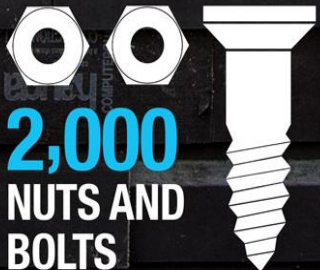
600 SHEETS OF OSB, PLYWOOD, MDF

Construction of columns, beams, walls, floors, chalk wall top and roof boarding.



2,000 NUTS AND BOLTS

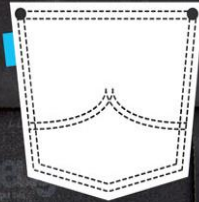
Second hand. Especially in roof rafters.



Brand new for wall cavity at bottom of stairs, south wall downstairs.

1.8 TONNES DENIM

Jean legs and jacket arms in large upstairs western wall cavity.



4,000 PLASTIC DVD CASES

Wall cavities downstairs.



18L NEW LIFE PAINT



RUBBER MEMBRANE

Recycled product for entire roof.

12m³ MIXED TIMBER

Reused material for general construction.

10 TONNES CHALK

With a little top soil mixed in from an excavation) made internal rammed chalk wall (4m high).

0.5m³ UNIVERSITY TIMBER OFFCUTS

For staircase balustrade and internal wall.

1,200m RUN ROOF BATTENS

To attach Tyvek to painted black.

1,200m RUN ROOF BATTENS

To attach carpet to.

30m² POROTHERM CLAY BLOCKS

In roof and downstairs wall (north eastern corner).

m³ Cubic metre
m² Square metre
m Metre
L Litre

Combined normal building materials with experimental inclusion of unrecyclable and other commonly discarded goods.

A test bed of innovation.

We did do something better than burn and bury obsolete stuff and discards.

500 MUSIC CASSETTES

Filled gaps in wall cavities with videos and DVD cases – downstairs.



2,000 CARPET TILES

Ex-office carpet tiles. Cladding for entire house.

6.9m³ CONCRETE BLOCKS



19,800 TOOTHBRUSHES

New and used for wall cavity, north-east corner downstairs.



4,000 VHS VIDEO TAPES

In eastern wall cavities downstairs.

*
University of Brighton

7.2m³ POLYSTYRENE AND OLD PACKAGING

Cut up with bread knife into little chunks and used inside wooden support columns, beams and some wall cavities (north wall near kitchen).

200m² WASTE INSULATION

100mm thick, wrapped around entire house.

65m² RUBBER

200 ROLLS OF WALLPAPER

Brand new for wall cavity at

2015: Crowdfunded to buy 6 shipping containers
2020: 12 shipping containers (3 locations)
2022: 5 shipping containers –given up trying to
formally operate in Brighton & Hove!



City REUSE Depot

Helping communities across the UK tackle food waste with the support of the crowd



The Real Junk Food Project



Snact



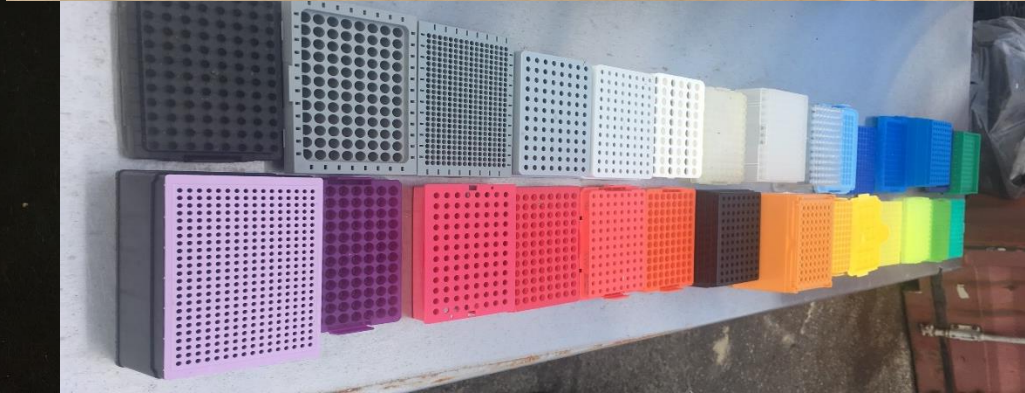
City Reuse Depot



Local Food Takeaway Project

Now Funding







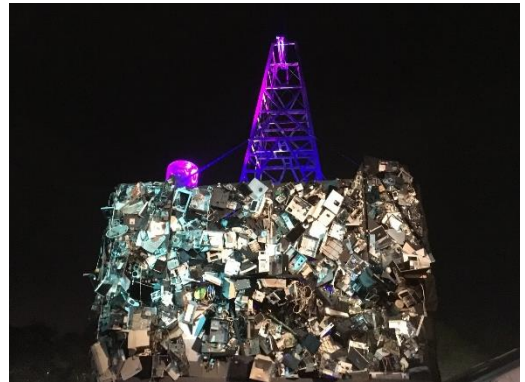
Supply materials to Glastonbury Arts Festival
and
other artists and projects



Supply materials
to
Design students



WASTE
IS A FAILURE
OF THE
IMAGINATION



TECH-TAKEBACK

www.TechTakeback.co.uk

POP UP ELECTRONIC SHOP |

DATA-WIPING | REPAIR | REUSE | RESALE | RECYCLE



SOENECS



Brighton & Hove

Erase My Data



30 days of pop-up Tech-Takeback shops since 2016-2019 in Brighton & Hove

9.5 tonnes WEEE: waste electronic and electrical equipment received

Funding provides free data-wiping for donated goods

Increases participation (safety, security, peace of mind)

Tech-Takeback donates reusable data-wiped goods to good causes

Remainder is stored for: redistribution, dismantling, hyper-recycled, remanufacture, recycling or upcycling

PLANET BRIGHTON

PROPOSED COMMUNITY ENVIRONMENT HUB

B&H City Council has provided funding to develop the project

to host

Reuse Depot | The Green Centre | Repair Café | Food Waste projects | Upcycling workshops | Tech Takeback

2022 update: only own 5 shipping containers now – given up trying to do this in Brighton & Hove!

Site Photos



Existing area of hard standing



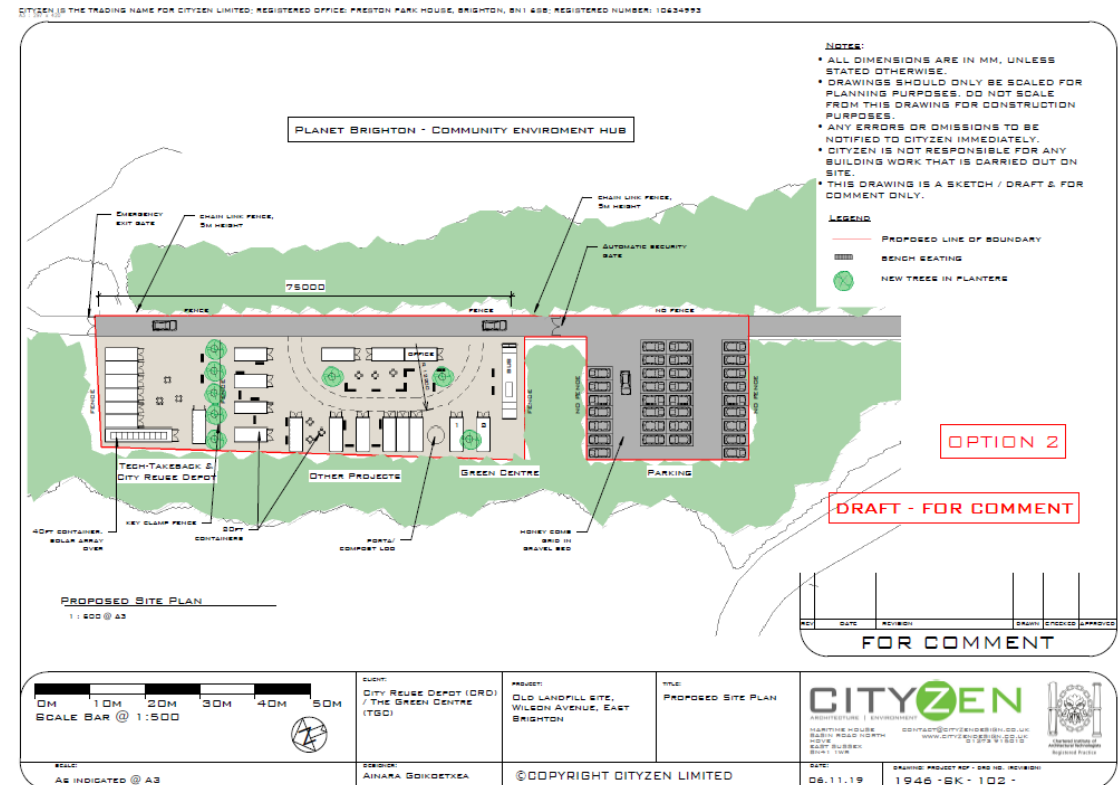
Existing area of hard standing



Approach Road



Wilson Avenue—looking North from junction





Renew is an ambitious and unique project which aims to create value from waste to benefit Greater Manchester. It's a joint initiative between R4GM & SUEZ UK. We take items donated at Recycling Centres across Greater Manchester, then we repair and renew them at our Renew Hub, ready to be resold to a new home. Browse our wide range of pre-loved items by visiting our Renew Shops or [eBay page](#).



All money raised by the shops will go to support local communities through two Greater Manchester initiatives. Each year money raised through sales made in the Renew shops will be donated to [Greater Manchester Mayor's Charity](#) and [Recycle for Greater Manchester Community Fund](#).

£ **220,000**

donated to the Recycle for Greater Manchester (R4GM) Community Fund every year

300 tonnes

of goods distributed through the Renew shops in the first year of operation

<https://recycleforgreatermanchester.com/renew/>

REUSE
on an
Industrial Scale
is possible!



FREE SHOP

"FREEGLE BRING & TAKE"

10AM TO 4PM

MARCH

Friday 3

Friday 10

Saturday 11

Friday 17

Friday 24

Saturday 25

Friday 31

APRIL

CLOSED GOOD FRIDAY

Saturday 8

Sunday 9

Friday 14

Friday 21

Saturday 22

Friday 28

Saturday 29



BRING IN
UNWANTED
THINGS!

#ConsumeLess
#ShareMore
#SaveMoney
#ChooseToReuse

TAKE AWAY
NEW-TO-YOU
ITEMS
FOR FREE!

Unit 1

"PLANET BRIGHTON"

The Open Market

BN1 4JU



U.K'S BIGGEST FREE REUSE NETWORK
WWW.ILOVEFREEGLE.ORG

WEEKLY FREEGLE FREE SHOP in Brighton City Centre 2020-present

- Easy
- Regular
- On High Street
- Fills 'charity shop' gap
- The ONLY rules: No drugs, No guns, No animals
- Unintentional benefit – combatting loneliness
- Opportunity for 'soft' education around waste, circular economy, other local projects

Monthly Stats

Over 1,200 unique 'customers'

Over 1 tonne of stuff donated and redistributed

- Full details: <https://www.ilovefreegle.org/communityevent/159365>

**The
world consumes
45-60 billion tonnes
of raw materials
every year.**

(2010 data published 2012)



The world now consumes
100 billion tonnes
of raw materials
every year.

(2018 data published 2020)

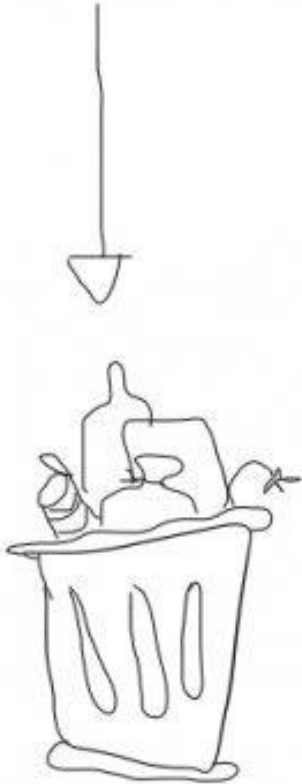
<https://www.circularity-gap.world/>



To create *Circular Economies, Cut Carbon and Reduce Poverty* around the UK we need to get a whole lot better at REUSE.

Freegle has been at the forefront of grass-roots reuse for over a decade.

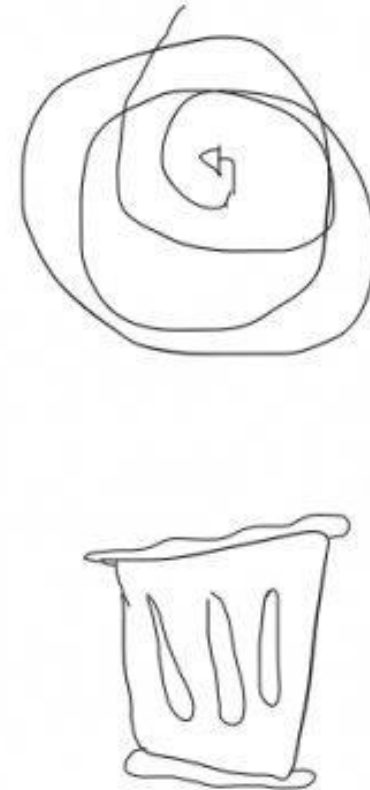
LINEAR
ECONOMY



RECYCLING
ECONOMY



CIRCULAR
ECONOMY



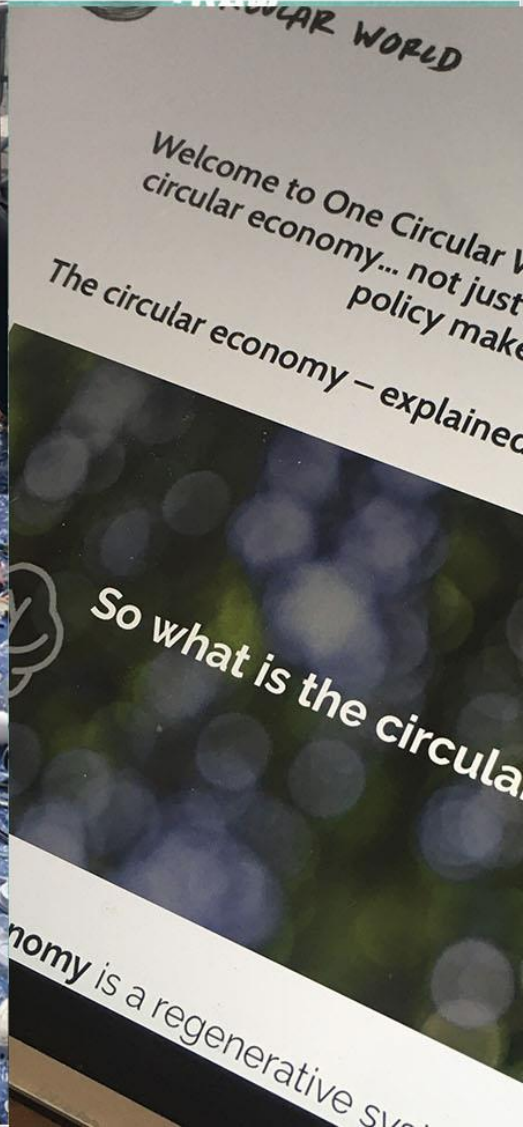
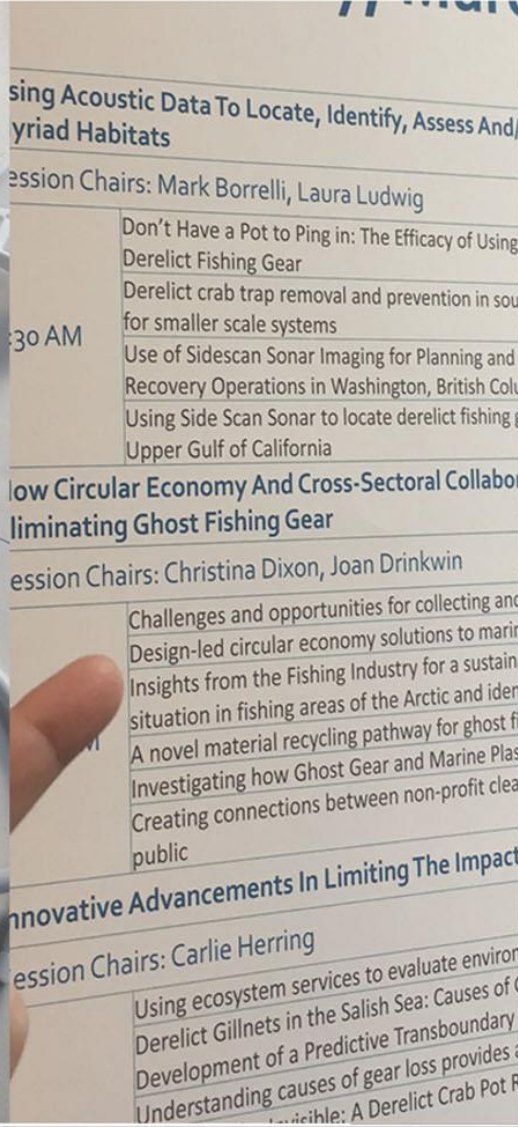
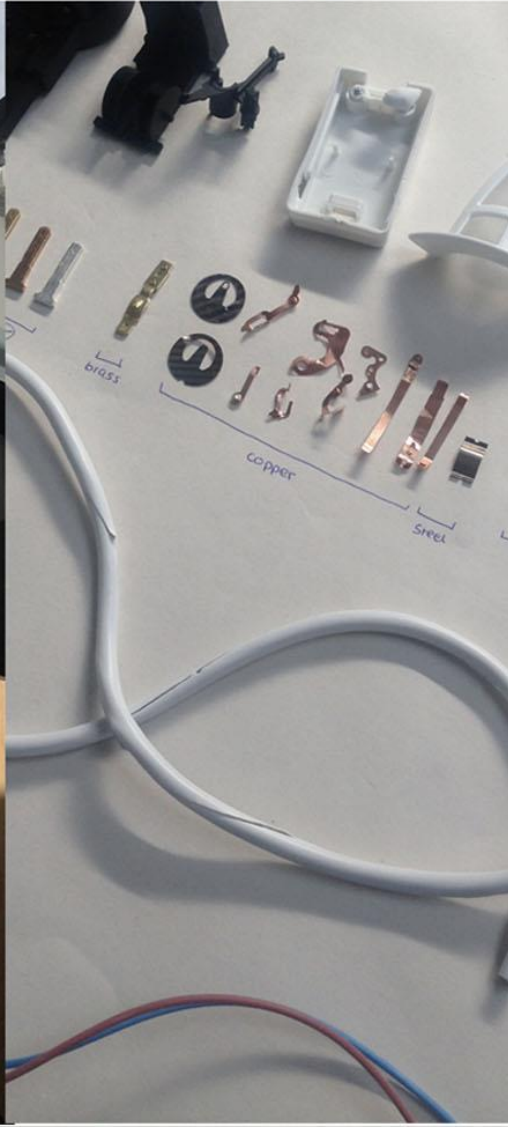
Contact: Natalie Ibbott | Freegle Councils & Partnerships councils@ilovefreegle.org
Cat Fletcher | Freegle Media Director media@ilovefreegle.org

A-Round: Brighton and Hove - Embedding the circular economy within education...

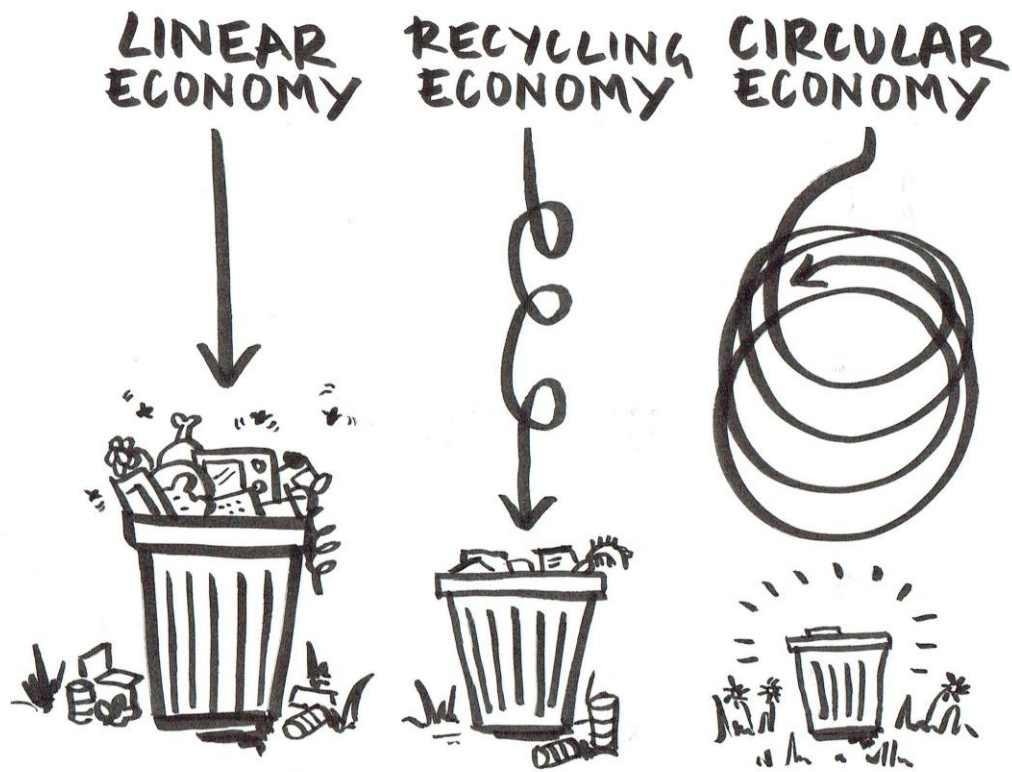
BLUEPRINT Closing Conference March 2023

Claire Potter









- zero carbon systems**
- biological / technical systems**
- local manufacture / remanufacture**
- sharing / leasing systems**
- deposit return schemes**
- designing for disassembly**
- reparable products**
- buying / specifying secondhand**
- choosing / creating longevity**
- minimising energy use**
- zero waste...?**
- waste = food**

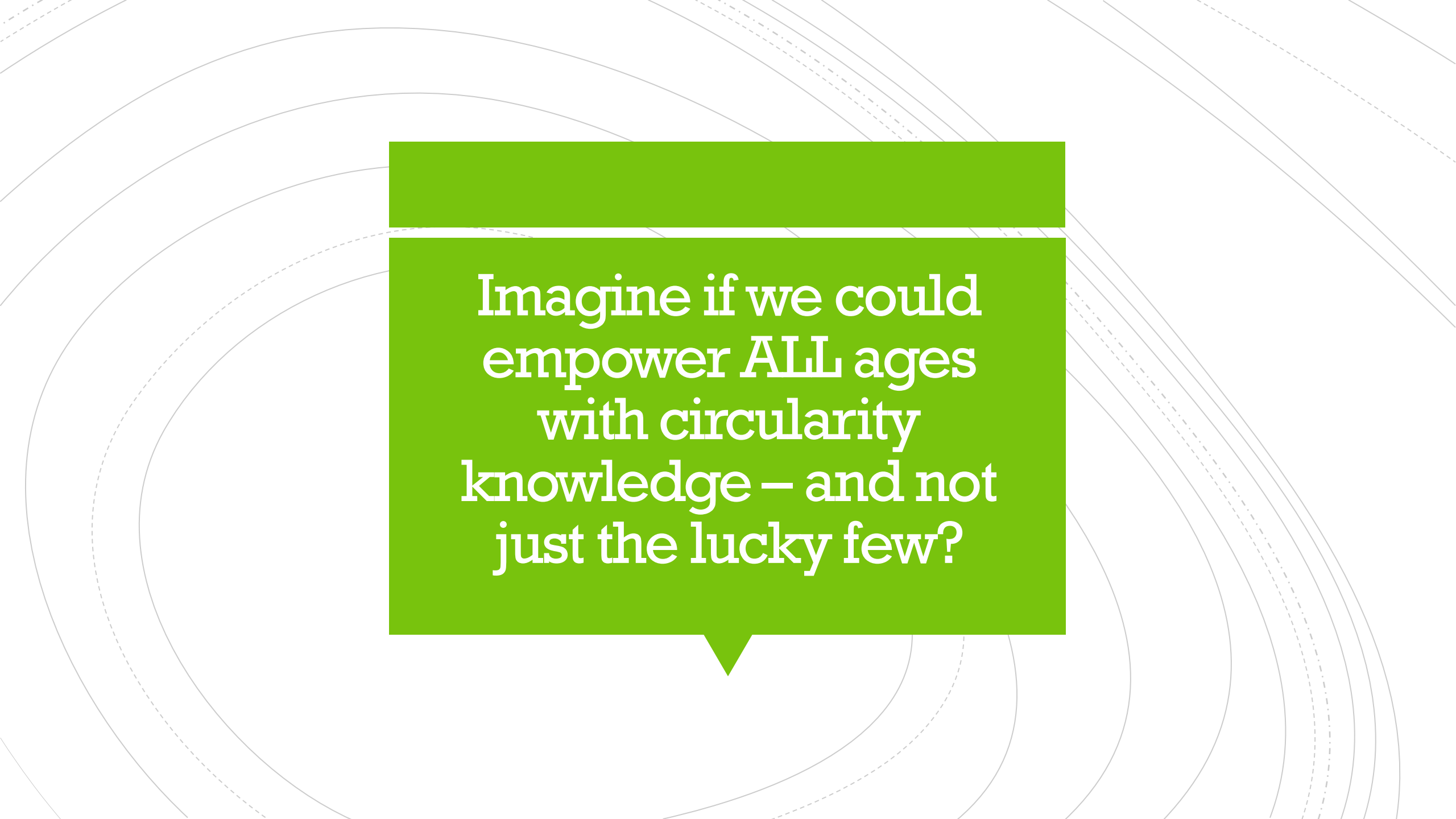


So why is it important
to connect all these
elements together?



**CLIMATE
ACTION
NOW**

- Social media
- School strikes
- Peer to peer education
- Brands becoming more 'eco'
- Concern for their future...
- Which needs a more integrated and holistic, earlier environmental education.



Imagine if we could
empower **ALL** ages
with circularity
knowledge – and not
just the lucky few?

BLUEPRINT Brighton + Hove Pt1

Circular Schools Project -
Five focus areas in 4
Schools, covering:

- Textiles
- Technology
- Food
- Composting
- Plastics

258+ students engaged



The image features a central green speech bubble with a white outline and a small tail pointing downwards. Inside the bubble, the text "What happened next?" is written in a white, sans-serif font. The background is white with several concentric, light gray circles of varying radii, some solid and some dashed, creating a subtle pattern.

What happened
next?

Schools invited to participate:

- All Key Stages invited to initial survey, then pilot.
- 10 School Survey responses
- 8 School sign-ups
- Sept – Dec 2022

THE

circular schools

pilot sign-up is now OPEN!

Following our recent survey on what is needed for the development of sustainable education across the city, we are now **seeking 10 pilot schools** across all key stages to trial a brand new, 10 week multi-media module for the Autumn '22 term.

The new **BLUEPRINT Circular Schools** project module will:

- be **accessible online weekly** so it can be fitted into any school day
- have a pick 'n' mix combination of **short videos, activities and lessons**
- feature **downloadable assets** for use in class
- include **at home activities** as well as **in school tasks**
- cover themes of 'plastic', 'stuff' (textiles, electronics and products), 'food' and 'climate change'
- feature **expert-led content** in each theme
- showcase related **projects and locations in Brighton and Hove**
- seek to help **ease climate anxiety** through education and action
- be **suitable for ALL ages** - each topic will feature 3 levels per week that can be interchanged by the school based on what students need



To secure your space on the BLUEPRINT Circular Schools Project or to discuss the module, please contact project lead, Claire Potter: claire@clairepotterdesign.com by 31st July 2022





WELCOME TO WEEK 2 OF A-ROUND: BRIGHTON & HOVE

a BLUEPRINT  Schools Project



COMPLETE & CONTINUE →



- BLUE PRINT Brighton + Hove Pt2 (10 Schools across all Key stages)
- A-Round: Brighton & Hove
- A guided 10- week, multi-media online resource for schools
- Intro to the the Circular Economy plus four, two-week subjects : Plastic, Food, Stuff and Climate

Weekly content:

- Video intro to subject
- Local Circular Hero video
- Presentations (level 1/2/3)
- Discussion data (class surveys)
- Further exploration

Week Three - Plastic! (part 2) 0/10 ^


- Welcome to Part 2 of Plastic!
📄 TEXT
- Welcome to Part 2 of Plastic - intro video
📺 VIDEO · 1 MIN
- Local Circular Hero video - Plastic!
📺 VIDEO · 4 MIN
- Let's get into the main presentations!
📄 TEXT
- PLASTIC! (part 2) Level 1 presentation
📄 PRESENTATION
- PLASTIC! (part 2) Level 2 presentation
📄 PRESENTATION
- PLASTIC! (part 2) Level 3 presentation
📄 PRESENTATION
- Let's talk about PLASTIC again!
📄 TEXT
- Discussion Data - PLASTIC (part 2)!
📄 SURVEY · 9 QUESTIONS
- Explore further... videos, links, organisations and campaigns

Local Circular Hero video - Plastic!



This week we are meeting Circular Hero - Lucy Hughes, who invented an alternative to single-use plastic whilst as a student on the BSc Product Design course at the University of Sussex in Falmer. Lucy is developing the material as a business, called Marinatex.

[COMPLETE & CONTINUE →](#)



< Go to Dashboard


A-Round: Brighton and Hove - a BLUEPRINT Circular Schools Project

0% complete

Search by lesson title ▾

- Introduction to the A-Round: Brighton and Hove Circular Schools Project 0/1 ^
- Introduction for Teachers - how will the pilot work? VIDEO · 9 MIN
- Week One - Welcome to 'A-Round: Brighton and Hove'; a BLUEPRINT Circular Schools 0/4 v

Introduction for Teachers - how will the pilot work?



COMPLETE & CONTINUE →

Local Circular Hero video - Food!



This week we are meeting Ali from the Brighton and Hove Food Partnership - a wonderful set of local Circular Heroes who are doing great work educating people around all things food...

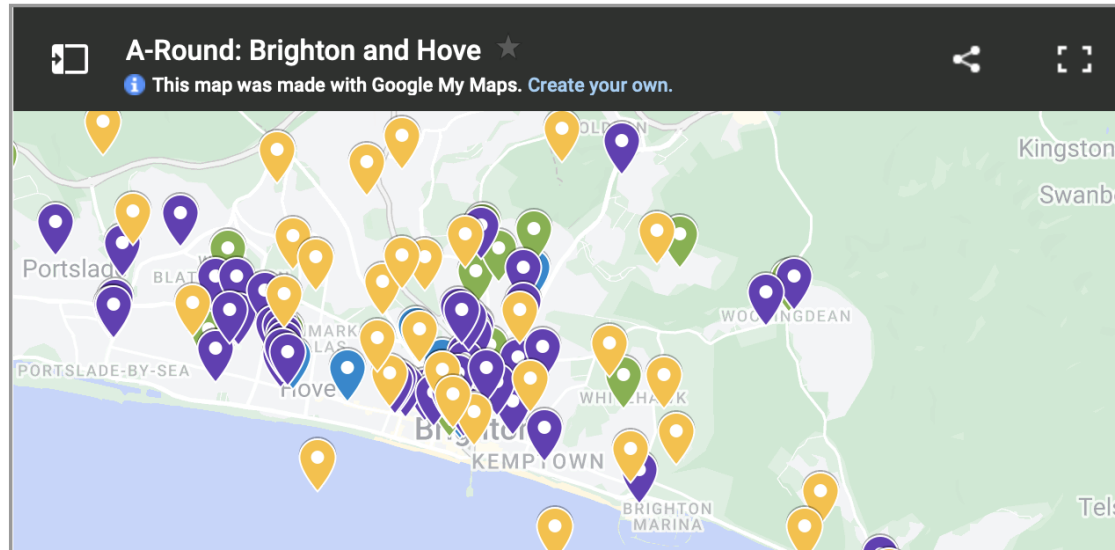
[COMPLETE & CONTINUE →](#)

The A-Round: Brighton & Hove online map

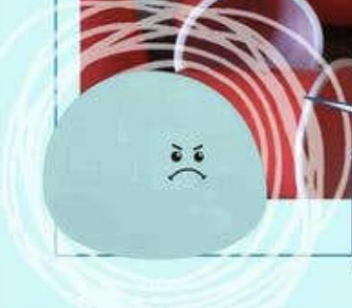


There are so many circular economy based projects, activities and businesses in our city that you can engage with! You can use the map below to find some. They are grouped in the same way as our themes, Plastic (blue), Food (green), Stuff (purple) and Climate (yellow).

You can use this map to explore more, and discuss how circularity is already happening in Brighton & Hove!



COMPLETE & CONTINUE →



What other types of single use plastic can you think of?

So how can we use Plastic better?

Plastic literally **lasts forever** – for some types up to 400 years (or longer – we are yet to outlive any piece of plastic we have ever created), so we want to make sure we use it properly.

One way is to **not use plastic for SINGLE USE items** that we only need for a short amount of time before they go in the bin. We need to **REFUSE and REDUCE** the plastic we use

For example – straws, food wrappers, spoons, sandwich bags, coffee cups...



THREE 'LEVELS' OF CONTENT EACH WEEK

Week Three - Plastic! (part 2) 0/10 ^

- Welcome to Part 2 of Plastic!
TEXT
- Welcome to Part 2 of Plastic - intro video
VIDEO · 1 MIN
- Local Circular Hero video - Plastic!
VIDEO · 4 MIN
- Let's get into the main presentations!
TEXT
- PLASTIC! (part 2) Level 1 presentation
PRESENTATION
- PLASTIC! (part 2) Level 2 presentation**
PRESENTATION
- PLASTIC! (part 2) Level 3 presentation
PRESENTATION
- Let's talk about PLASTIC again!
TEXT
- Discussion Data - PLASTIC (part 2)!
SURVEY · 9 QUESTIONS

PLASTIC! (part 2) Level 2 presentation

Let's look closer at our SEAS...



And as plastic is waterproof and often very light, it is easily transported around the world on our ocean currents. Where these currents collide – the 'gyres', we see vast collections of plastic in areas as large as some countries.

The largest – the Great Pacific Garbage Patch is reported to be **3x as large as France** by the Ocean Cleanup Project, who are working on cleanup operations.

Level 2 <https://sitn.hms.harvard.edu/flash/2018/plastic-oceans-cleanup/>

PLASTIC! Part 2

7

PUTTING THE 'RS' LIKE REUSE INTO CONTEXT

- Teacher Resources - Plastic!
☁️ DOWNLOAD
- Welcome to Part 1 of Plastic!
📄 TEXT
- Welcome to Part 1 of Plastic - intro video
📺 VIDEO · <1 MIN
- Local Circular Hero video - Plastic!
📺 VIDEO · 3 MIN
- Let's get into the main presentations!
📄 TEXT
- PLASTIC! (part 1) Level 1 presentation
📄 PRESENTATION
- **PLASTIC! (part 1) Level 2 presentation**
📄 PRESENTATION
- PLASTIC! (part 1) Level 3 presentation
📄 PRESENTATION
- Let's talk about PLASTIC!
📄 TEXT
- Discussion Data - PLASTIC (part 1)!
📊 SURVEY · 9 QUESTIONS

PLASTIC! (part 1) Level 2 presentation



Positive points!

CASE STUDY – Loop

We have seen how reusing plastic is essential, but another way to reduce our plastic is to reduce the amount we use. Food packaging is one of the biggest areas of waste plastic – in the UK we use about **2.5 million tonnes of plastic packaging** each year.

Loop is a refill system where you buy products in stainless steel, glass or reusable containers, take them home then return them to the shop once they are empty so they can be refilled with more coffee, cornflakes... even ice cream! Loop has just finished a year long trial with **Tesco**, so we hopefully we'll be seeing more refillable containers in our supermarkets very soon!



PLASTICI Part 1

9

<https://exploreloop.com/Tesco>

A-ROUND: BRIGHTON & HOVE

CIRCULAR SCHOOLS CHALLENGES FOOD!

PRIMARY CHALLENGE...

- SCHOOL FOOD WASTE AUDIT AND PLAN

Before you can reduce your school's food waste it is really helpful to understand how much food waste it creates now. This is why we do Food Waste Audits, to count items and know where we are starting from (just like we did with the Plastic Audits!)

For this challenge...

- set the date! **choose when** and **where** you will count the food waste. This will need arranging with your canteen / lunch / break room.
- create labelled boxes** for the items you want separated out, so people know where to put them after their lunch. Label your food waste box clearly with 'FOOD ONLY' so you don't get packaging too.
- COUNT! With food it is easier to **weigh the waste** rather than count items. A simple set of digital scales will work fine.
- use the template on the next sheet to record your findings...

FOUR SUBJECT BASED PLEDGE PACKS TO TRACK CHANGES IN ATTITUDE AND BEHAVIOUR

A-ROUND: BRIGHTON & HOVE

CIRCULAR CHAMPION FOOD

(name) _____

'I pledge to do the following to become a FOOD circular champion!'

- I will help my family meal plan and create a shopping list for our meals to avoid waste
- I will create a 'use me first' container in my fridge for short dated items to show what needs eating now
- I will bring leftovers for my lunch (in a reusable container of course!)
- I will try and eat meat-free at least once a week
- Instead of a takeaway or cake treat, I will ask my family if we can get a Magic Bag from the surplus local food app, Too Good to Go
- I will try and grow some of my own food
- I will take any surplus food we have to a local food bank, community fridge
- I ask my family to buy locally produced / grown food where possible
- I will ask my family to sign up to a wonky veg box scheme, such as Oddbox
- I will try / ask my family to shop for loose items or at refill stores to minimise our single-use plastic consumption

FILL IN YOUR PLEDGE SHEET THEN RETURN IT TO YOUR SCHOOL TO BE UPLOADED TO THE A-ROUND PROJECT

'DISCUSSION DATA' TO TRACK CHANGES

- Welcome to Part 1 of Stuff - intro video
VIDEO - 1 MIN
- Local Circular Hero video - Stuff!
VIDEO - 3 MIN
- Let's get into the main presentations!
TEXT
- STUFF! (part 1) Level 1 presentation
PRESENTATION
- STUFF! (part 1) Level 2 presentation
PRESENTATION
- STUFF! (part 1) Level 3 presentation
PRESENTATION
- Let's talk about STUFF!
TEXT
- Discussion Data - STUFF (part 1)!**
SURVEY - 9 QUESTIONS
- Circular Champion Pledge Sheet - Stuff!
DOWNLOAD
- REMINDER!
TEXT

Discussion Data - STUFF (part 1)!

QUESTION 2 OF 9

How many people look for something secondhand when they need it? (please state numbers - Y=? / N=?)

CONFIRM

- PRESENTATION
- STUFF! (part 2) Level 2 presentation
PRESENTATION
- STUFF! (part 2) Level 3 presentation
PRESENTATION
- Let's talk about STUFF again!
TEXT
- Discussion Data - STUFF (part 2)!**
SURVEY - 9 QUESTIONS
- Explore further... videos, links, organisations and campaigns
TEXT
- Week Eight - Climate! (part 1) 0/13
- Week Nine - Climate! (part 2) 0/10
- Week Ten - So what have we learnt? 0/6

TEACH ONLINE WITH THINKIFIC

Discussion Data - STUFF (part 2)!

QUESTION 3 OF 9

Has anyone's family used the sharing platforms Olio or Freegle to find items preloved in the last week or plan to in the future? (please state numbers - Y=? / N=?)

CONFIRM

- Welcome to Part 1 of Stuff - intro video
VIDEO - 1 MIN
- Local Circular Hero video - Stuff!
VIDEO - 3 MIN
- Let's get into the main presentations!
TEXT
- STUFF! (part 1) Level 1 presentation
PRESENTATION
- STUFF! (part 1) Level 2 presentation
PRESENTATION
- STUFF! (part 1) Level 3 presentation
PRESENTATION
- Let's talk about STUFF!
TEXT
- Discussion Data - STUFF (part 1)!**
SURVEY - 9 QUESTIONS
- Circular Champion Pledge Sheet - Stuff!
DOWNLOAD
- REMINDER!
TEXT

Discussion Data - STUFF (part 1)!

QUESTION 6 OF 9

Has anyone been to a Repair Cafe before to fix broken bits of Stuff? (please state numbers - Y=? / N=?)

CONFIRM

- PRESENTATION
- STUFF! (part 2) Level 2 presentation
PRESENTATION
- STUFF! (part 2) Level 3 presentation
PRESENTATION
- Let's talk about STUFF again!
TEXT
- Discussion Data - STUFF (part 2)!**
SURVEY - 9 QUESTIONS
- Explore further... videos, links, organisations and campaigns
TEXT
- Week Eight - Climate! (part 1) 0/13
- Week Nine - Climate! (part 2) 0/10
- Week Ten - So what have we learnt? 0/6

TEACH ONLINE WITH THINKIFIC

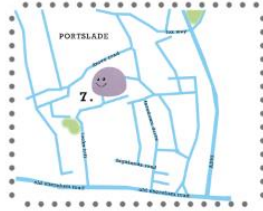
Discussion Data - STUFF (part 2)!

QUESTION 7 OF 9

Has anyone fixed things at home with their family this week? (please state numbers - Y=? / N=? and any stories of what has been fixed is appreciated too!)

CONFIRM

CITY WIDE CIRCULAR CHAMPION TRAIL MAP



A-ROUND: BRIGHTON & HOVE

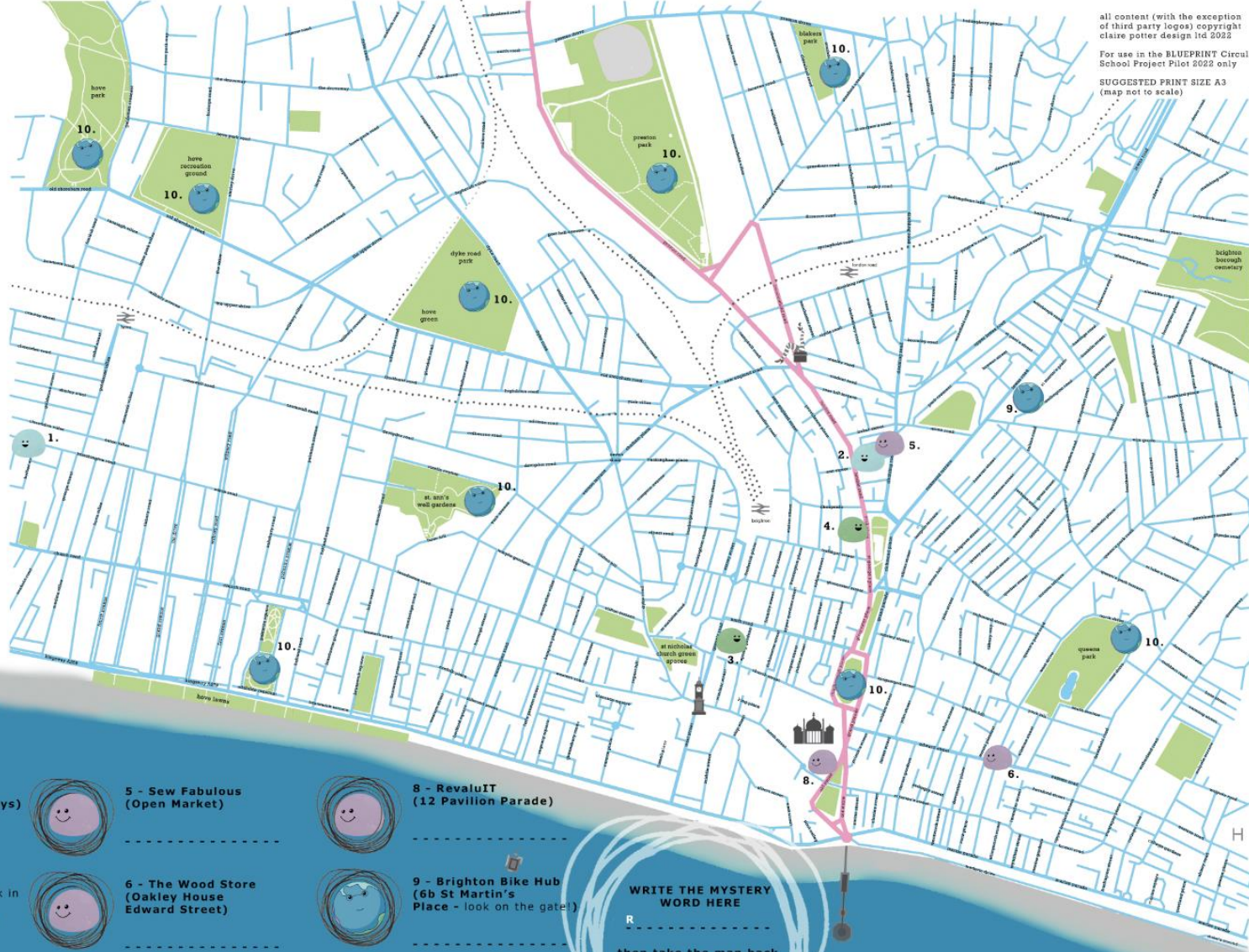
CIRCULAR CHAMPION TRAIL MAP

There are so many amazing locations and businesses in Brighton & Hove that are already working towards a circular economy.

From actions of Repair to Reuse, Refilling to Redistribution, Regeneration to Recycling, there are exciting things to discover!

This Circular Champion Trail Map has 9 main locations marked, (plus green spaces) spread across all four of the A-Round: Brighton and Hove themes.

Can you visit them all and complete the mystery word? (hint - it's a **positive** action!)



all content (with the exception of third party logos) copyright claire potter design ltd 2022
For use in the BLUEPRINT Circular School Project Pilot 2022 only
SUGGESTED PRINT SIZE A3 (map not to scale)



1 - Harriets of Hove (48 Blatchington Road)



2 - The Green Centre (Open Market - Thursdays)



3 - Brighton and Hove Food Partnership (118 Queens Road - look in the window. Kitchen only open for class attendees)



4 - hiSbe - Supermarket Rebels (20-21 York Place)



5 - Sew Fabulous (Open Market)



6 - The Wood Store (Oakley House Edward Street)



7 - Emmaus Brighton and Hove (Drove Road)



8 - RevaluIT (12 Pavilion Parade)



9 - Brighton Bike Hub (6b St Martin's Place - look on the gate!)



10 - just spend some time in a green space! (choose any on the map)

WRITE THE MYSTERY WORD HERE

then take the map back to your school for checking and uploading!

There is no clue to find, so your first letter to get your started is... **R**

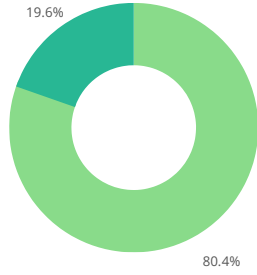


- 1 School completed all the project as designed with 60 students
- 1 School completed the project in their own way with 20 students (and also with staff)
- Two other schools also noted they would use the resources later in the year

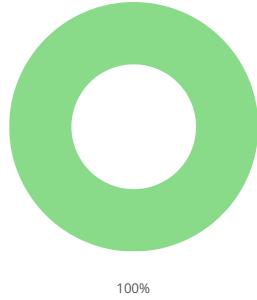


All subjects showed an increase in positive behaviour change, plus an increase in engagement and empowerment.

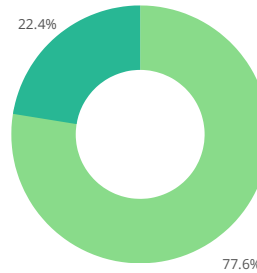
WEEK ONE



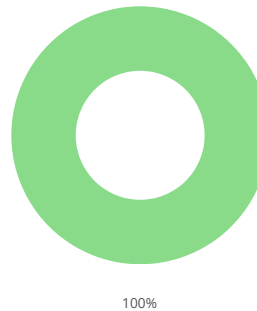
WEEK TWO



WEEK ONE



WEEK TWO



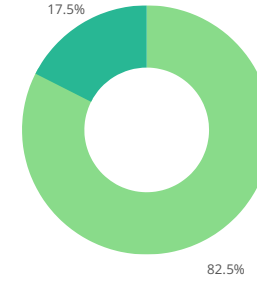
PLASTIC..

Q: Do we feel positive about the ways we can reduce the amount of plastic we use? And don't forget, these can be small reductions as they all add up!

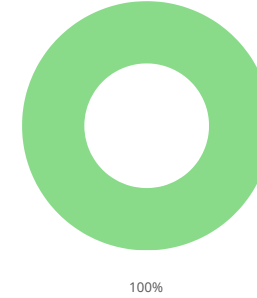
- yes!
- no!



WEEK ONE



WEEK TWO



STUFF..

Q: Do we feel positive about the ways we can reduce the amount of stuff we use and consume? And don't forget, these can be small reductions as they all add up!

- yes!
- no!



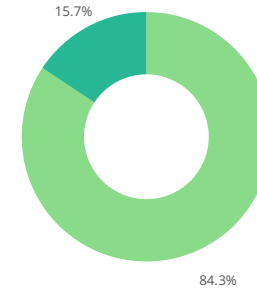
FOOD..

Q: Do we feel positive about the ways we can reduce the amount of food waste we create? And don't forget, these can be small reductions as they all add up!

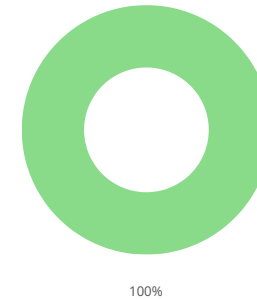
- yes!
- no!



WEEK ONE



WEEK TWO



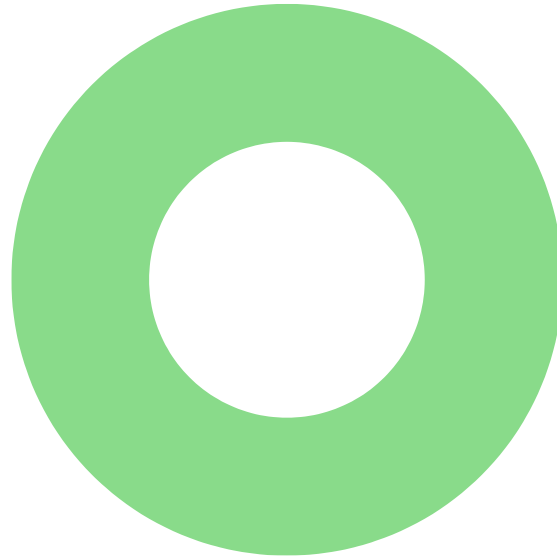
CLIMATE..

Q: Do we feel positive about the ways we can do to help climate change? And don't forget, these can be small reductions as they all add up!

- yes!
- no!



All students polled (60) agreed that the project had allowed them to understand the circular economy in their own way



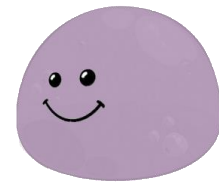
100%

WRAPUP...

Q: Has this project helped you understand different elements of the circular economy and how it relates to our city?

 yes!

 no!



QUOTES:

Downs View Link College also stated that A-Round: Brighton & Hove helped their students successfully run in-college projects, included a **Swap Shop and an Eco Shop called Clean & Green, which have been 'a tremendous outcome for the participants.'**

'It helped them to find their voice (voices which are often excluded or not listened to in the same way of young people without additional needs)'

FEBRUARY 2022

A-ROUND: BRIGHTON & HOVE

a BLUEPRINT Circular Schools Project



100 page full report
being finalized and will
be published soon...

(includes thoughts on
next steps for project)

CLAIRE POTTER



BLUEPRINT
for a Circular Economy





THERE

IS

ALWAYS

HOPE

Keep in touch!
And any
questions?



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www.sussex.ac.uk

www.onecircular.world



claire@clairepotterdesign.com / cp303@sussex.ac.uk



[@clairepotterdesign](https://www.instagram.com/clairepotterdesign) / [@onecircularworld](https://www.instagram.com/onecircularworld)



[@clairejpottter](https://www.instagram.com/clairejpottter)

Education

13:25-14:10 - Chalet



Kids Against Plastic

Amy Meek

ANBDD

Mathilde Berder

PECT

Leah Friend



KIDS
against 
PLASTIC 



Microplastics revealed in the placentas of unborn babies

Health impact is unknown but scientists say particles may cause long-term damage to foetuses



'Eco-anxiety': fear of environmental doom weighs on young people

Although not a diagnosable condition, experts say climate anxiety is on the rise worldwide



In September children and young people around the world, including Glasgow, took part in protests against the climate crisis. Photograph: Jeff J Mitchell/Getty Images

The climate crisis is taking a growing toll on the mental health of children and young people, experts have warned.



IZZY AND JULIETTE
April 15, 2021



ROO AND HARRI
April 14, 2021



...
April



EMILIA
April 10, 2021



MICHAEL
April 9, 2021



JA...
April



DAVID
April 6, 2021



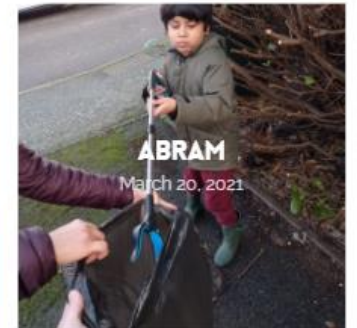
SKYE
April 6, 2021



SUMMER, BO...
April



BASBOY
March 22, 2021



ABRAM
March 20, 2021



OP
March



KIDS
against
PLASTIC

TAT



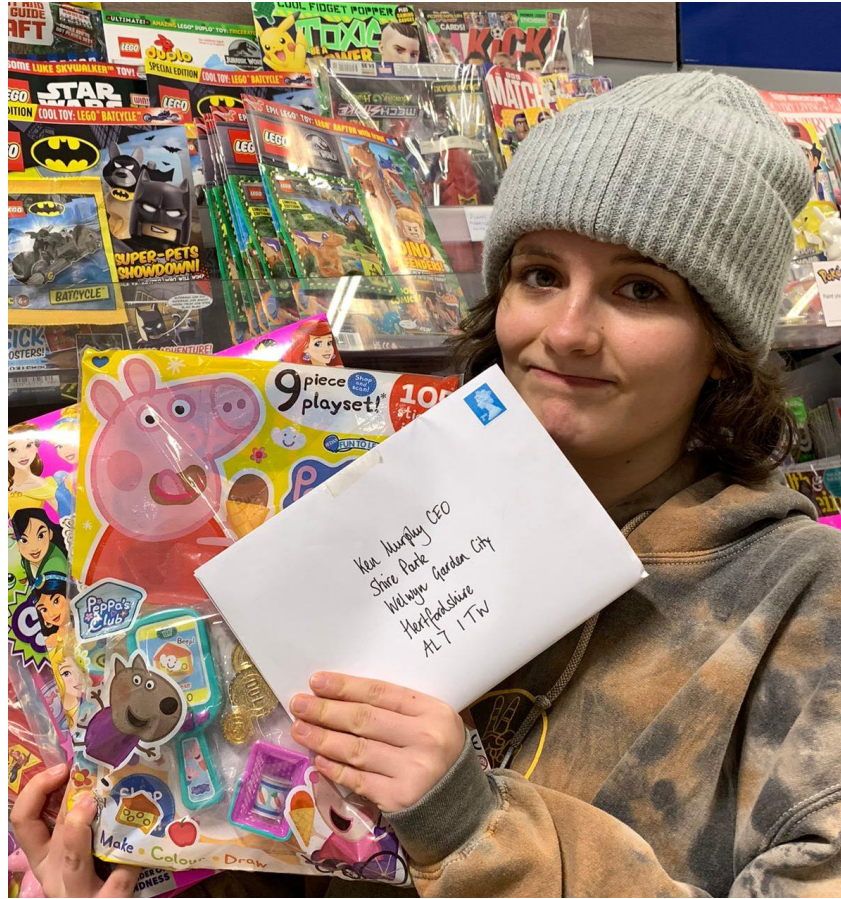
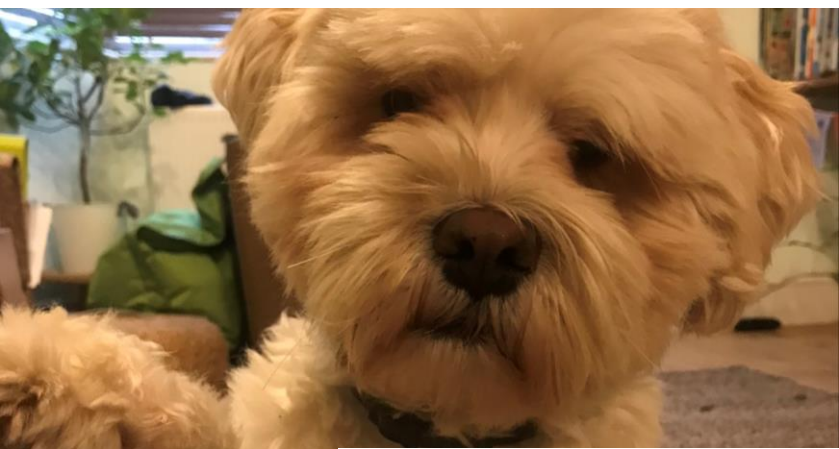
With Skye Neville

#KAPTat

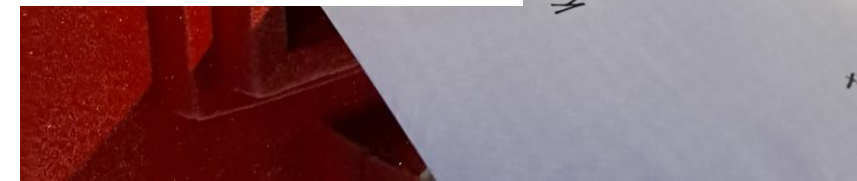
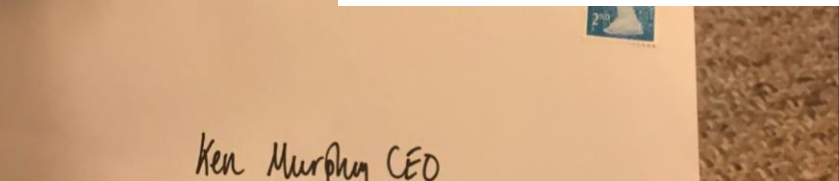
SEWER
SEWAGE
POLLUTION



#LettersToKen



<https://www.kidsagainstplastic.co.uk/kaptat/write>





Plastic Clever Schools

BROUGHT TO YOU BY

KIDS
against
PLASTIC



**Common
Seas**

How does it work?

1. Inspire

Learn about plastic and engage the whole school community

3. Act

Deliver school-wide campaigns to wave goodbye to single use plastic.



"Just do something to make a difference. Get involved at school or in your community to become plastic clever. Or aim big and take on the polluting businesses. Whatever you do matters and makes a difference."

Skye

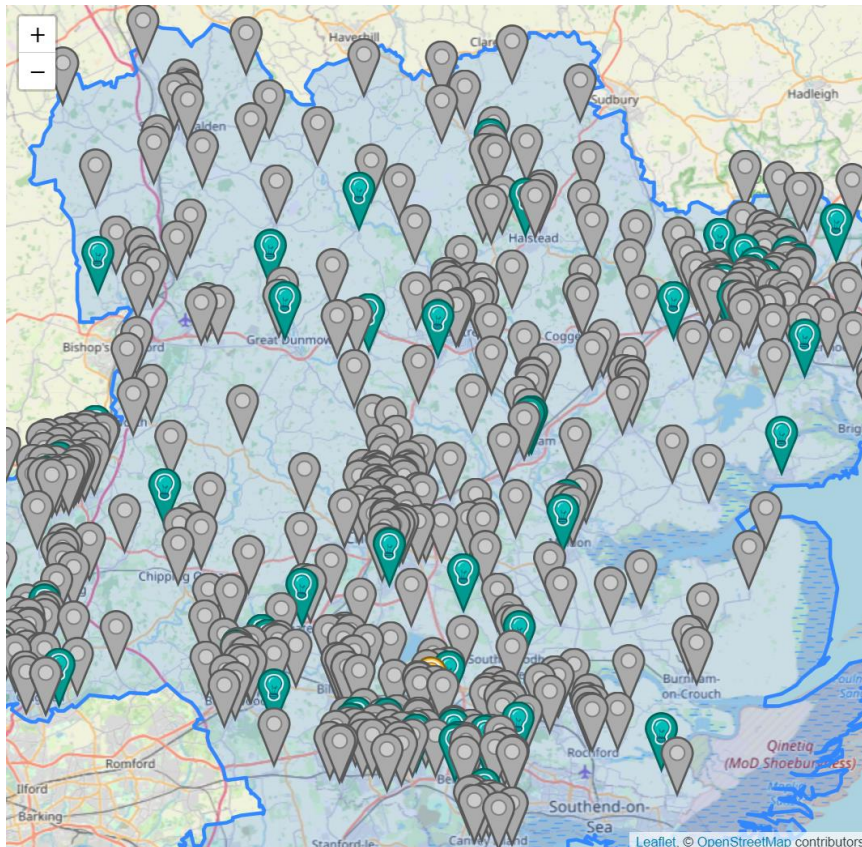


2. Investigate

Understand the problem and bring the right people together to solve it.

Tracking progress

Over 200,000 students engaged and counting...



District	Registered	
Basildon	6 / 60	
Braintree	6 / 67	0%
Brentwood	5 / 35	0%
Castle Point	5 / 30	0%
Chelmsford	3 / 80	0%
Colchester	14 / 86	0%
Epping Forest	4 / 55	17%





Schools challenged to go single-use plastic free by 2022

Schools are being urged to stop using single-use plastic items and consider environmentally-friendly alternatives.

From: [Department for Education](#) and [The Rt Hon Damian Hinds MP](#)

Published 27 December 2018



How can you be part of the journey?

Educator or school staff?

Sign up! plasticcleverschools.co.uk

Keen to engage schools in your community?

Download our comms pack here:
CommonSeas.com/programmes/ocean-plastics-academy

Everyone!

Share Plastic Clever Schools far and wide!

@CommonSeas @KidsAgainstPlastic
#PlasticCleverSchools



"My experience of Plastic Clever Schools: it's something that makes you want to make effective, positive change..."

It's easy to do, it's a great challenge and you can get involved right now. Sign up and start to make a difference."
Tom Randall, MP







There are more than 32,000 schools and over 10 million students in the UK



THANKS FOR LISTENING!



@kidsagainstplastic



@kidsvplastic

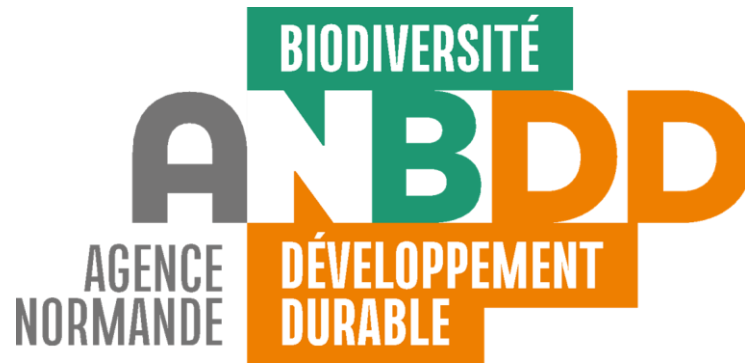


www.kidsagainstplastic.co.uk



hello@kidsagainstplastic.co.uk

Education and Circular Economy



NORMANDY AGENCY FOR **BIODIVERSITY** AND **SUSTAINABLE DEVELOPMENT**

PRESENTATION OF THE ANBDD

OUR PUBLIC : professionals



KNOW TO ACT

by contributing to the development, pooling and popularization of knowledge on biodiversity and sustainable development.



SUPPORT THOSE FACING CHALLENGES

by leading networks of specific actors, by providing advice and assistance in carrying out projects, by experimenting.



INSPIRE TO AMPLIFY

by creating decision-making tools and promoting regional feedback.



CREATE LINKS

between all the actors of the territory, communities, companies, higher education, research, associations, etc.

WHAT WE DO

THEMES & METHODS



ACCOMPANYING



KNOWLEDGE

SUSTAINABLE DEVELOPMENT

CIRCULAR ECONOMY

THEMES

ONE HEALTH

MOBILITY

CLIMATE CHANGE

SOILS

2030 AGENDA & 17 GOALS

CHANGE MANAGEMENT

PARTICIPATION

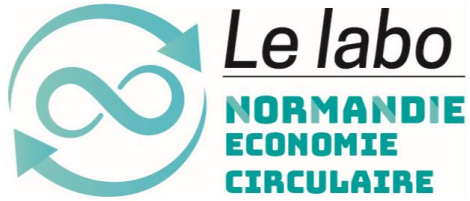
TRANSVERSALITY



VALORISATION

METHODS

THE CIRCULAR ECONOMY AT THE ANBDD



A community of professionals working to improve the circular economy in Normandy. More than 1 000 organisations.



Increase knowledge and change practices and behavior in the construction sector.



Normandie Université

Train PhD students to increase their understanding of circular economy and facilitate their entry into the job market.



Enable local authorities to accelerate the circular and equip social enterprises with skills to deliver circular economy training.

WHAT WE DO

Improve relationships between research and professionals.

WHAT WE DO

Train local authorities in the integration of recycled materials in public works.

WHAT WE DO

Support the development of new skills.

WHAT WE DO

Train teachers and students to increase the understanding of CE.

BLUEPRINT AND CIRCULAR ECONOMY EDUCATION

MAIN GOAL

INCREASE THE UNDERSTANDING OF CIRCULAR ECONOMY IN HIGHER EDUCATION.

2 types of training courses :

“Circular economy: what’s that?”

Train participants to learn the basics of what circular economy is all about !

- 1 Introduction and discussion between participants.
- 2 Knowledge of the fundamental principles of the circular economy.
- 3 Feedback from a professional regarding the transformation of its organization business model.
- 4 Participants projects themselves and imagine the developments they could bring to their sector of activity.
- 5 Participants write and objective on a post-it that we send back to them after a month to stimulate them in the transition to act.

“Circular economy in the construction industry”

Train participants to learn how circular economy principles apply in the construction sector.

- 1 Introduction and discussion between participants.
- 2 Exchanges on the difficulties regarding the development of circular economy in the construction sector.
- 3 Feedbacks from several professionals regarding difficulties mentioned and the levers implemented to lift them.
- 4 Participants write and objective on a post-it that we send them back after a month to stimulate them in the transition to act.

BLUEPRINT AND CIRCULAR ECONOMY EDUCATION

WHAT WE PROVIDE

THESE ARE NOT SIMPLE PRESENTATION BUT ANIMATED MOMENTS TO CREATE A POSITIVE EMULATION AROUND THE SUBJECT !

- 1 Each training course can be organized independently.
- 2 Both training courses have been created in order to be **interactive**, **participatory** and **engaging** !
- 3 Resources at your disposal
 - An animation sheet with the common thread of the course and advice for animators.
 - A support for animation on the day.
 - A support completed with resources to send to participants.

90 persons trained

6 sessions organized across Normandy



FEEDBACKS FROM PARTICIPANTS

"Inspirational and positive training"

"Thank you for the originality!"

"Very positive"

"The term circular economy is much clearer to me and comforts me in the idea of acting for a better future together!"

THANK YOU FOR LISTENING !

DO YOU HAVE ANY QUESTIONS ?



Jarno Deguy

Circular Economy and Climate
Change Adaptation Officer

ANBDD

jarno.deguy@anbdd.fr



Mathilde Berder

Circular Economy and
Sustainable Development/SDGs
Strategies

ANBDD

mathilde.berder@anbdd.fr



PECT

CREATING SUSTAINABLE PLACES

Education Successes

- ▶ **Fox's Waste Adventure Booklets:** waste reduction and recycling education
- ▶ **Target Audience:** Primary and Secondary School Students
- ▶ **Well-received Resource:** teachers engaged with it in various ways
- ▶ **Additional Workshops:** offered workshops to schools that received the activity booklets
- ▶ **Fox Video Series:** brought the booklets to life
- ▶ **Pupils recognised Fox:** the character has the potential to become a local recycling and waste education 'mascot'



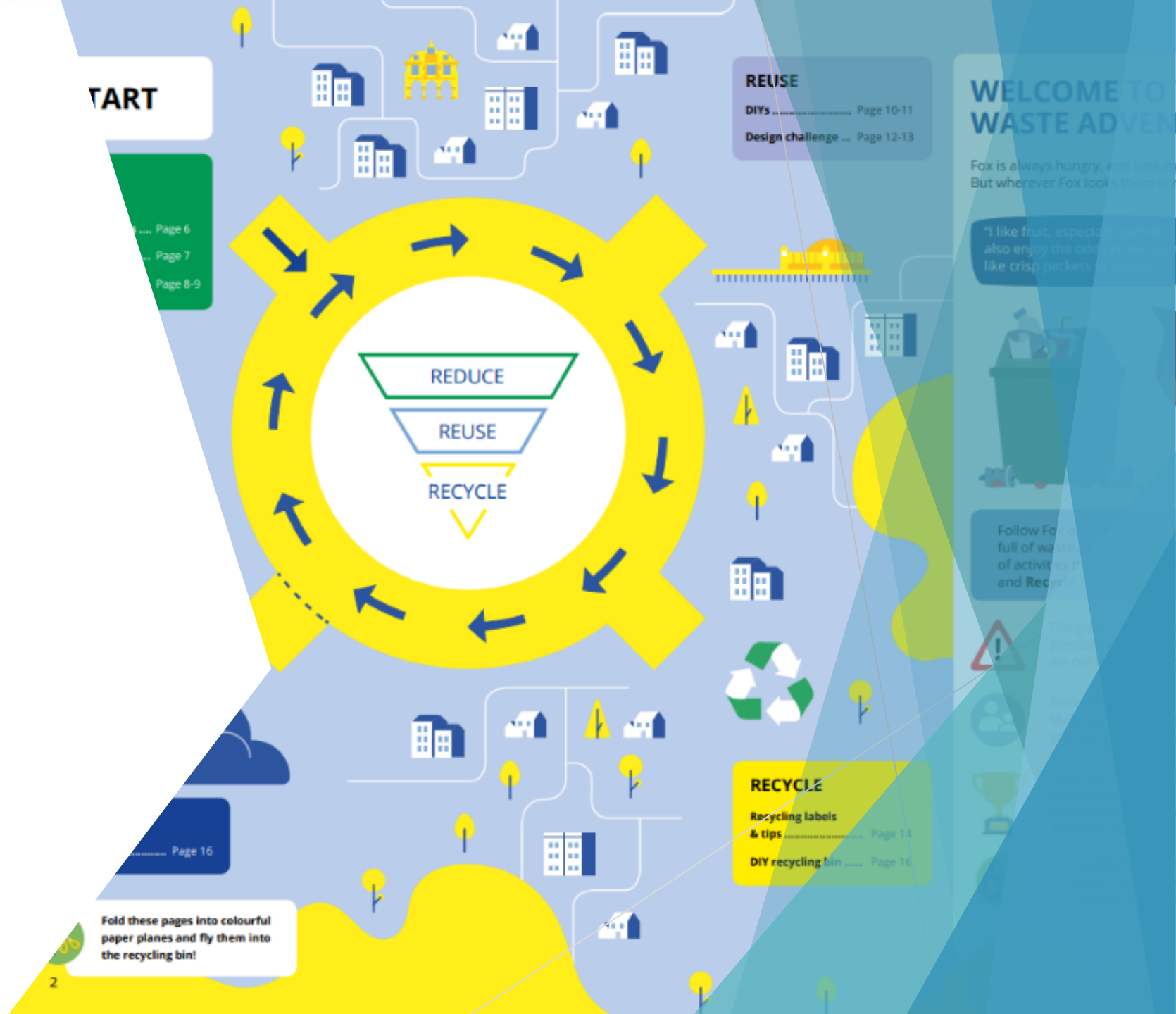
Impact

- ▶ Materials offered to **17 primary schools and 2 secondary schools**
- ▶ Nearly **6000 students** reached
- ▶ Waste workshops delivered to **2 schools and many community events**
- ▶ Promoted via other **PECT BLUEPRINT SHIFT pilots: Waste Less Wards school engagement**
- ▶ **Fox Booklet Legacy: Education Hub in Peterborough using Fox resources**
- ▶ **PECT BLUEPRINT Education Legacy: Lesson plans and activities focused on waste reduction and 7Rs.**



Activity

- ▶ Take some time to explore the Fox's Waste Adventure booklet
- ▶ Next, think of an activity that a teacher or tutor could utilise to extend the learning from the booklet.
- ▶ E.g. this activity could be related to the general concept of the booklet, or an extension of a particular activity.



Feedback & Questions



Thank you!

- ▶ **PECT Website:** find out more at www.pect.org.uk
- ▶ **PECT Blueprint Team Emails:** email education@pect.org.uk with any queries
- ▶ **Thank you for joining our breakout room today!** We hope you enjoyed it

Fox's Waste Adventure ▶ Play all



Fox's Waste Adventure:
Episode 1 REDUCE

PECT
83 views • 6 months ago



Fox's Waste Adventure:
Episode 2 REUSE

PECT
47 views • 6 months ago



Fox's Waste Adventure:
Episode 3 RECYCLE &...

PECT
67 views • 6 months ago

Organisations

13:25-14:10 - New White Loft



Circular Economy Institute

Dr David Greenfield

SEEE

Debbie Lee



HOW CAN WE ENGINEER A CIRCULAR ECONOMY?

RAEng Prof Dr David Greenfield FMCIM, FRSA, CEnv

Founder and Managing Director – SOENECS

Co-founder and Managing Director – Tech-Takeback

Founding partner and Urban Miner – etsaW

Vice President – Circular Economy Club and Institute

SOENECS
Innovative Sustainable Solutions

THE NEED FOR CHANGE



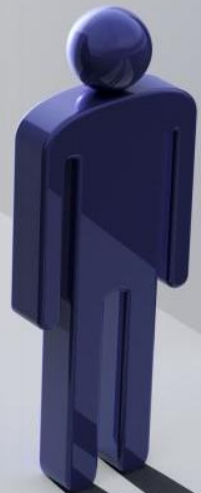
75% of the
infrastructure that will
be in place by 2050
does not exist yet.

Global Infrastructure Basel 2015

“80% of all environmental
costs are predetermined
during the conception and
design phase of an
infrastructure project”

Design Council Report 2014

LESS TALK MORE
ACTION



WHAT WILL BE NEEDED TO IMPLEMENT A CIRCULAR ECONOMY?

FIVE BUSINESS MODELS:



CIRCULAR SUPPLIES: Use renewable energy and bio-based or fully recyclable inputs



RESOURCE RECOVERY: Recover useful resources out of materials, by-products or waste



PRODUCT LIFE-EXTENSION: Extend product lifecycles by repairing, upgrading and reselling, as well as through innovation and product design



SHARING PLATFORM: Connect product users to one another and encourage shared use, access or ownership to increase product use



PRODUCTS AS A SERVICE: Move away from product ownership and offer customers paid access to products, allowing companies to retain the benefits of circular resource productivity or ownership to increase product use

THREE DISRUPTIVE TECHNOLOGIES:



DIGITAL TECHNOLOGIES such as Internet of Things (IoT), big data, blockchain, and RFID help companies track resources and monitor utilization and waste capacity



PHYSICAL TECHNOLOGIES such as 3D printing, robotics, energy storage and harvesting, modular design technology and nanotechnology help companies reduce production and material costs and reduce environmental impact

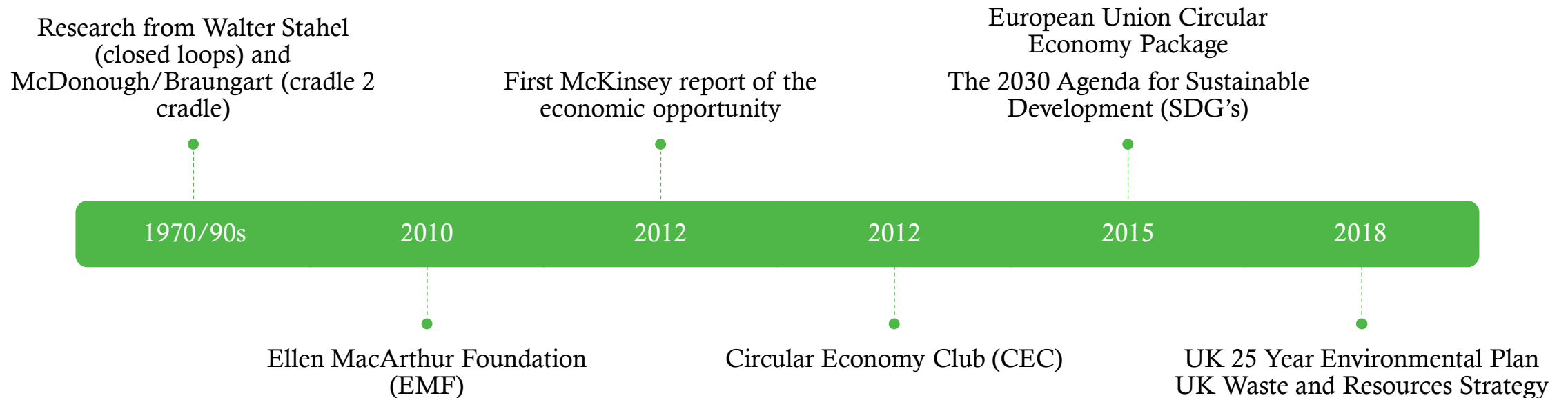


BIOLOGICAL TECHNOLOGIES such as bio-energy, bio-based materials, biocatalysis, hydroponics and aeroponics help companies move away from fossil-based energy sources

GOVERNMENT AND LOCAL POLICY AND INTERVENTIONS

A group of people, mostly men, are shown from the chest up, with their hands raised in a gesture of participation or agreement. They are wearing business casual attire like shirts and jackets. The background is blurred, suggesting an indoor setting like a conference room or meeting space. The lighting is soft and even.

Origins of the circular economy movement





HM Government



OUR WASTE, OUR RESOURCES: A STRATEGY FOR ENGLAND



DEFRA RESOURCES AND WASTE STRATEGY FOR ENGLAND

The strategy sets out how HM Government will:

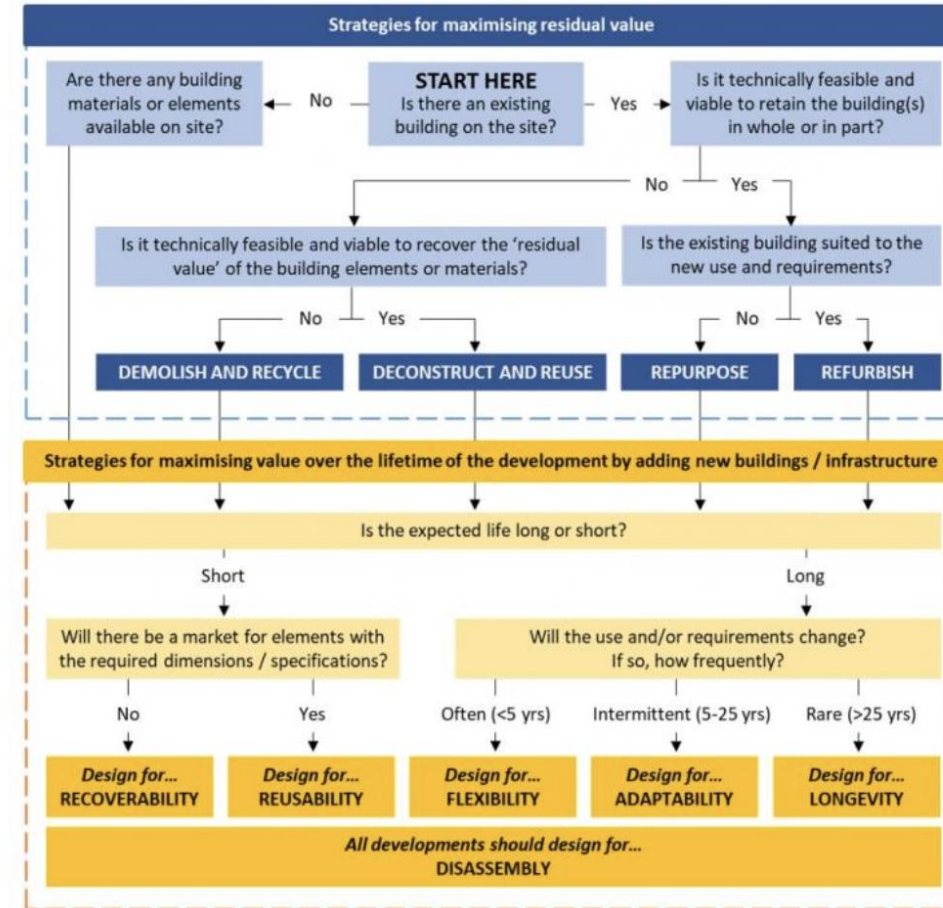
- preserve our stock of material resources by minimising waste, promoting resource efficiency and moving towards a circular economy
- minimise the damage caused to our natural environment by reducing and managing waste safely and carefully
- deal with waste crime

RELONDON (UNITED KINGDOM)

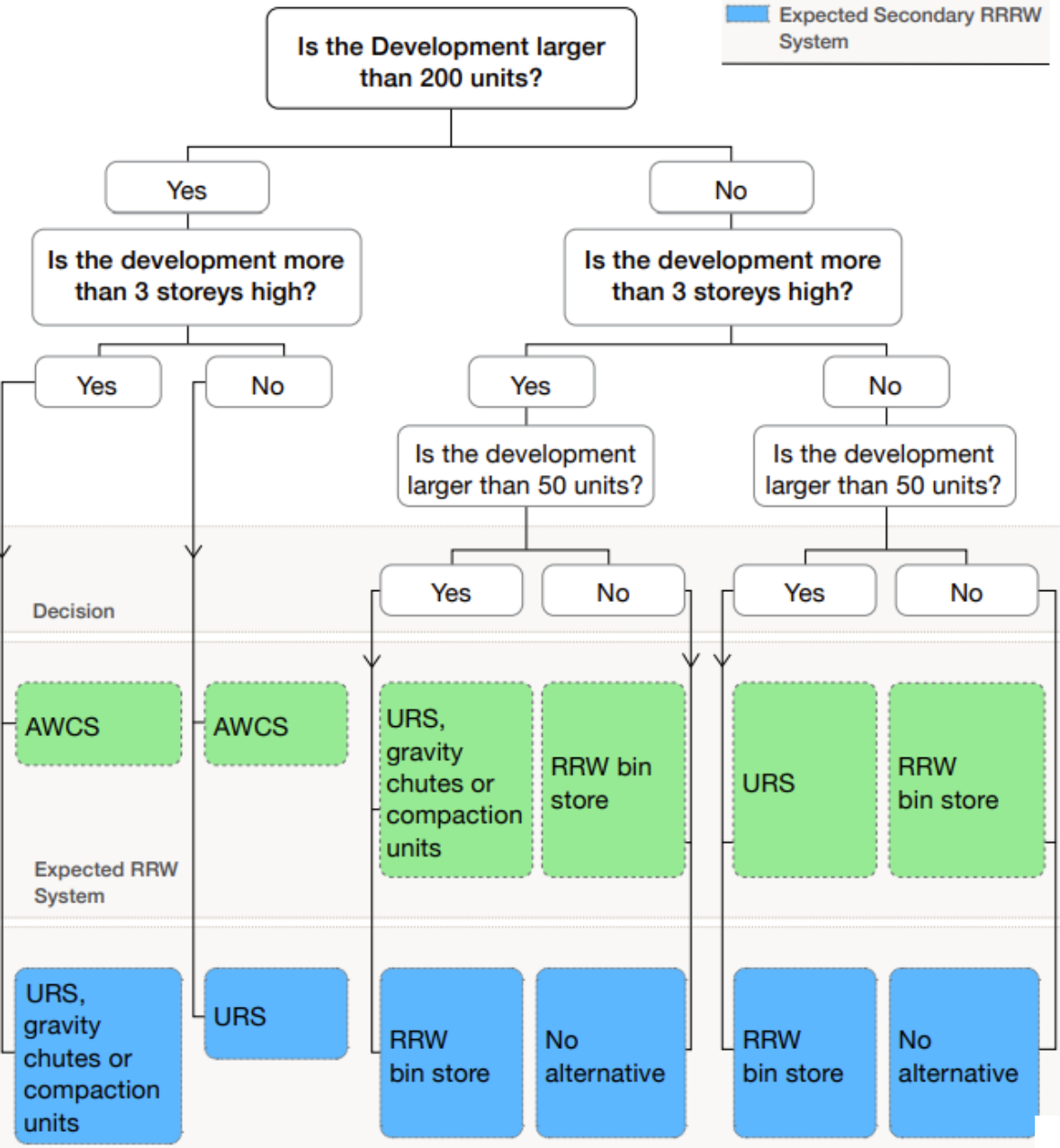


Principle	Develop commitments to...
1. Conserve resources, increase efficiency and source sustainably	1.1 Minimise the quantities of materials used
	1.2 Minimise the quantities of other resources used
	1.3 Specify and source materials and other resources responsibly and sustainably
2. Design to eliminate waste (and for ease of maintenance)	2.1 Design for longevity, adaptability or flexibility and reusability or recoverability
	2.2 Design out construction, demolition, excavation and municipal waste arising
3. Manage waste sustainably and at the highest value	3.1 Manage demolition waste
	3.2 Manage excavation waste
	3.3 Manage construction waste
	3.4 Manage municipal waste (and industrial waste, if applicable)

Choosing a strategic approach – Decision Tree

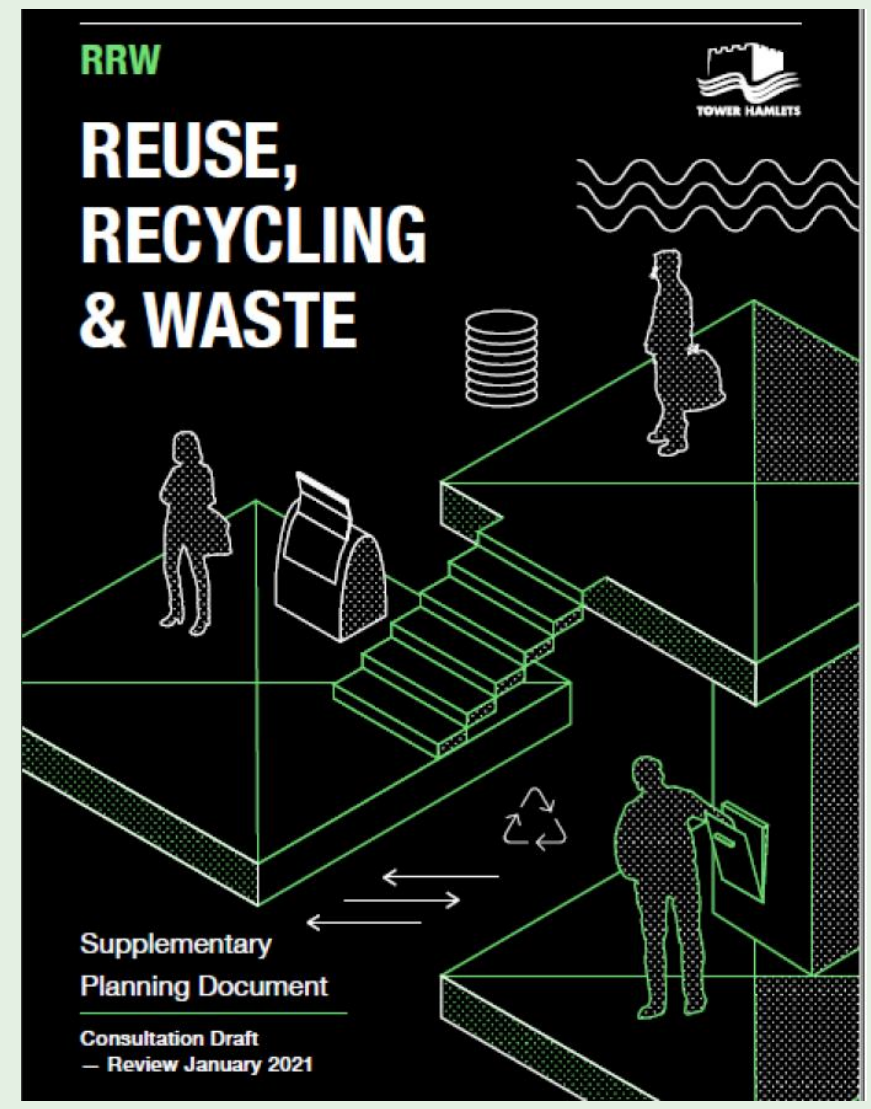


Expected RRW System
 Expected Secondary RRRW System



Expected Secondary RRRW System

2020 TOWER HAMLETS SPD



BRIGHTON & HOVE CITY COUNCIL (UNITED KINGDOM)



Mission: We want to empower the city to end linear wasteful practices, do more with less and achieve carbon neutrality through facilitating a change to a circular mindset.

Vision: Our vision is for our city to become a global frontrunner where circular economy practices and principles are embraced by all, as a route to fighting climate change.

- By **2030**, reduce consumption of primary raw materials in the city (minerals, fossils, timber and metals) by 50% and replace with secondary raw materials.
- By **2030**, achieve a reuse and recycling rate of 50% for municipal materials
- By **2030**, have a net zero carbon city.
- By **2035**, by working with partners, attract investment of over £100 million in circular economy activity within the Greater Brighton Area.
- By **2035**, by working with public sector partners, ensure that 75% of external, priority area, public sector spend will be on circular products and services, with 50% with local suppliers.

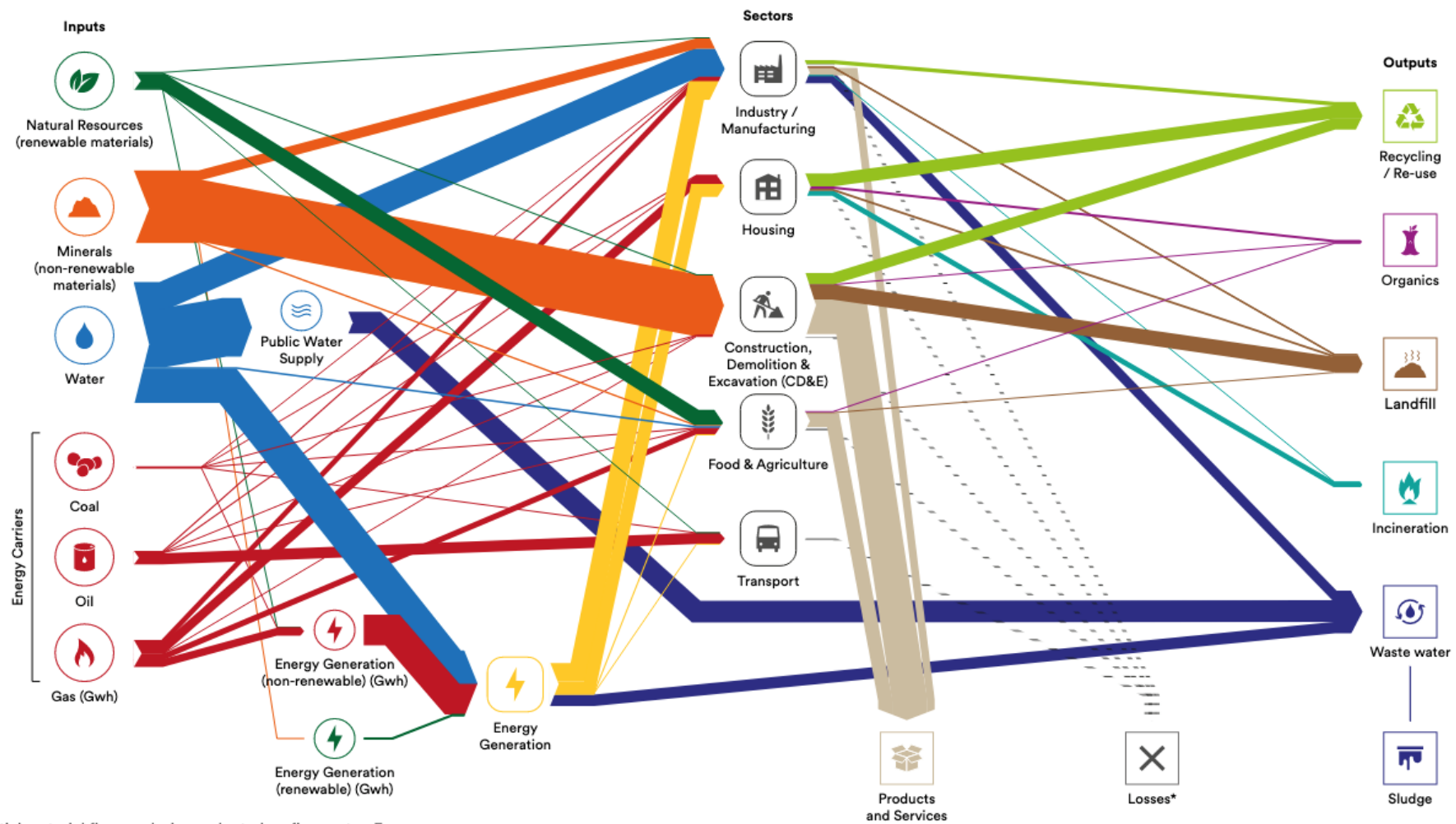


Figure 4: Initial material flow analysis conducted on five sector. For more information see Supporting Document: Baseline Analysis.

*Note: Insufficient data is available for losses, so an indicative flow has been represented by a hashed fill.

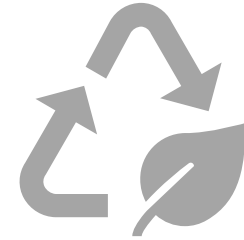
THE LIFECYCLE OF CONSTRUCTION



BUSINESS MODEL 1: CIRCULAR SUPPLIES

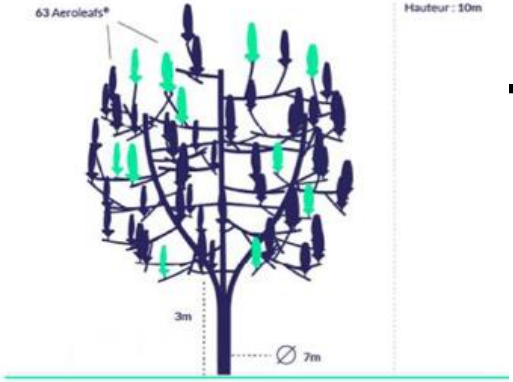


The ambition of the circular model is to keep resources in circulation for as long as possible.

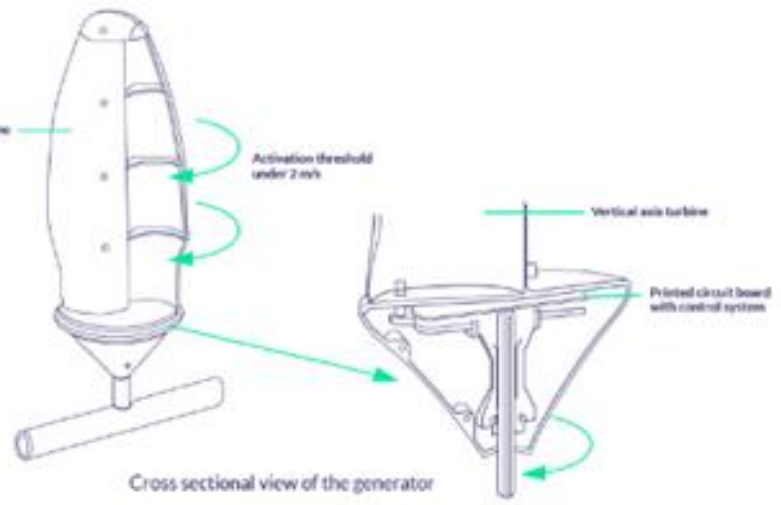


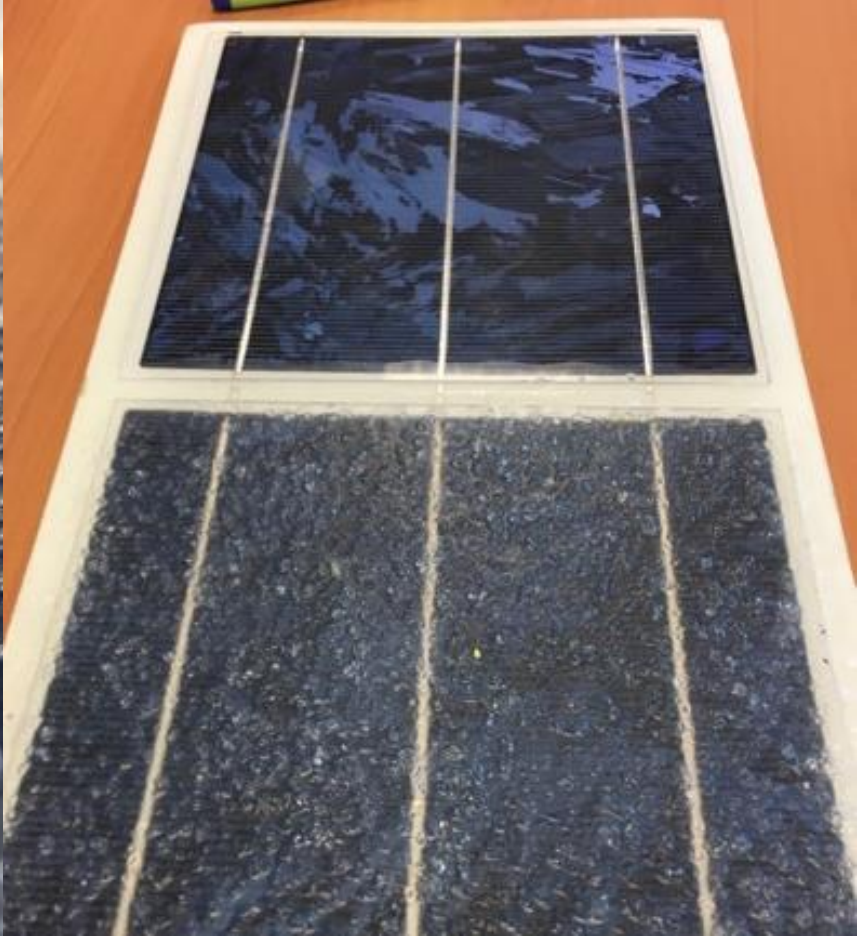
This means replacing scarce resources with fully renewable, recyclable or biodegradable inputs, thereby reducing resource consumption, waste and the depletion of non-renewable resources.

THE WIND TREE



- 
 15 street lights 50W
- 
 100m2 of low-energy office (20kWh / m2)
- 
 83% of the electricity consumption of a French household excluding heating
- 
 The illumination of 71 parking spaces outside
- 
 An electric car for 16,364 km a year
- 
 The filtration of a pool of 50m3 over a year





THE SOLAR ROAD - WATTWAY

GROWING UNDERGROUND

- Use of abandoned space
- Increased rental
- Uniqueness
- Local authority food production

THAI BASIL



FEEDING THE FUTURE

That's what grows in the tunnels of London,
four stories below the Northern line.



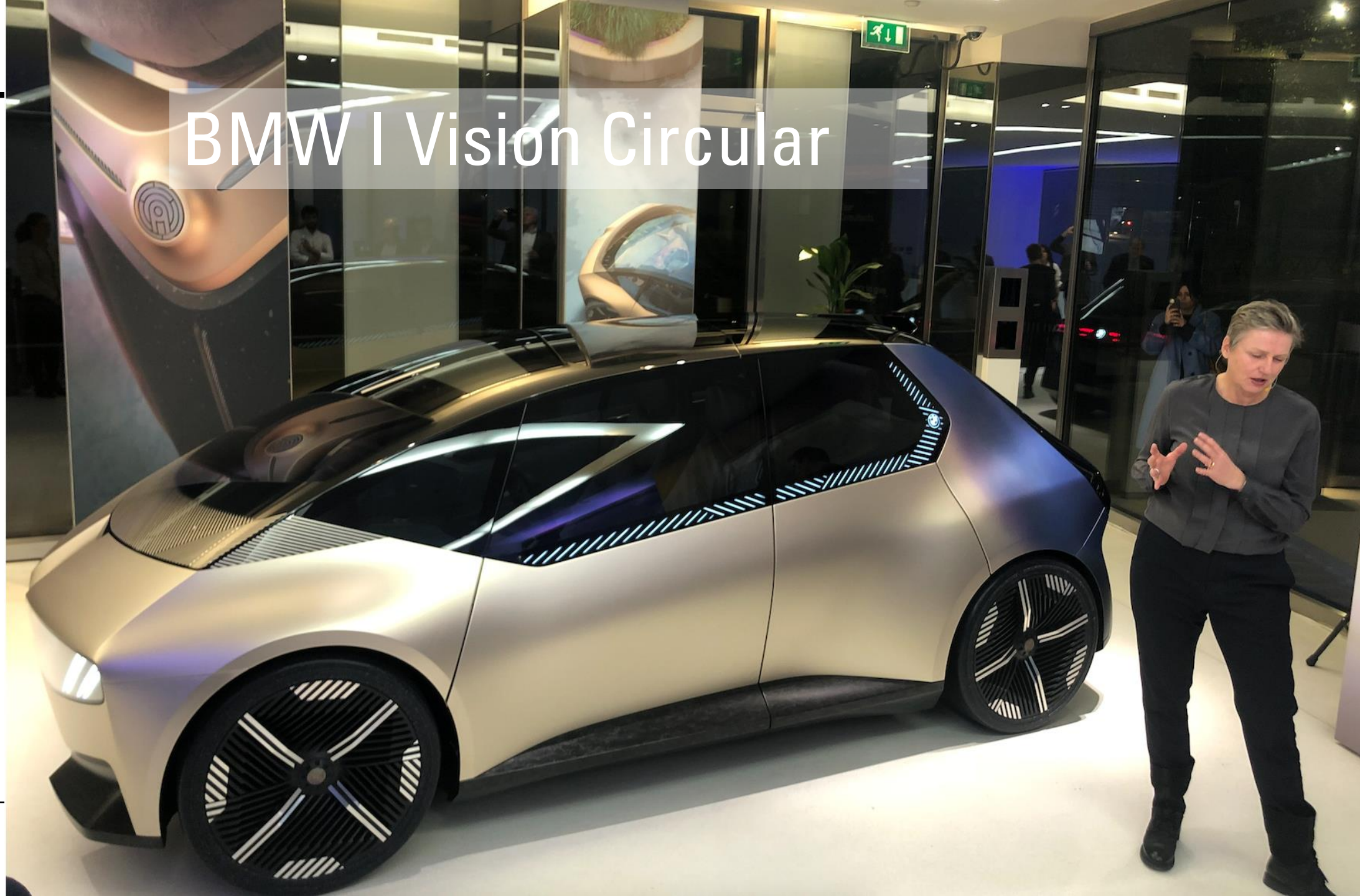


THE SPHERICAL FLEXIBLE PACKAGING CAN ALSO BE USED FOR OTHER LIQUIDS INCLUDING WATER, SOFT DRINKS, SPIRITS AND COSMETICS, AND OUR PROPRIETARY MATERIAL IS ACTUALLY CHEAPER THAN PLASTIC.



NOTPLA

BMW | Vision Circular



BMW I VISION CIRCULAR



BUSINESS MODEL 2: RESOURCE RECOVERY

Eliminate material leakage from the production cycle. Reduced material leakage usually translates into cost savings and increased efficiency, which is interesting for any company.



Create a closed-loop system with a cradle-to-cradle or integrated closed-loop system.



BIOBEAN



MARINATEX

THE BRIGHTON WASTE HOUSE

100
**CD
 MUSIC
 CASSETTES**

Used to fill
 gaps in wall cavities with
 CDs and DVD cases –
 upstairs.



6.9m³
**CONCRETE
 BLOCKS**



4,000
VHS VIDEO TAPES

In eastern wall cavities
 downstairs.

1,000
**RPET
 CARPET
 TILES**

Used to
 clad the house.



19,800
TOOTHBRUSHES

New and used for wall cavity,
 north-east corner downstairs.

200
**ROLLS OF
 WALLPAPER**

Brand new for wall cavity at
 bottom of stairs, south wall
 downstairs.

10m²
PLYWOOD

Used as
 installation-ply was second
 to begin with and painted
 with Life Paints.



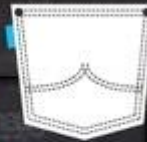
20L
PAINT

Used everywhere.



1.8
TONNES DENIM

Jean legs and jacket arms in
 large upstairs western wall
 cavity.



500
**BICYCLE
 INNER TUBES**

Old ones used as sound/impact
 insulation in upper floor.



4,000
**PLASTIC
 DVD CASES**

Wall cavities downstairs.

1,000
**COMPACT
 DISCS**

Used to fill
 cavities upstairs and
 stairs – mixed with other
 recycling technology.



1,000
**NUTS AND
 BOLTS**

Used in
 hand. Especially in roof
 boarding.

600
**SHEETS OF OSB,
 PLYWOOD, MDF**

Construction of columns,
 beams, walls, floors, chalk wall
 top and roof boarding.



18L
**NEW LIFE
 PAINT**



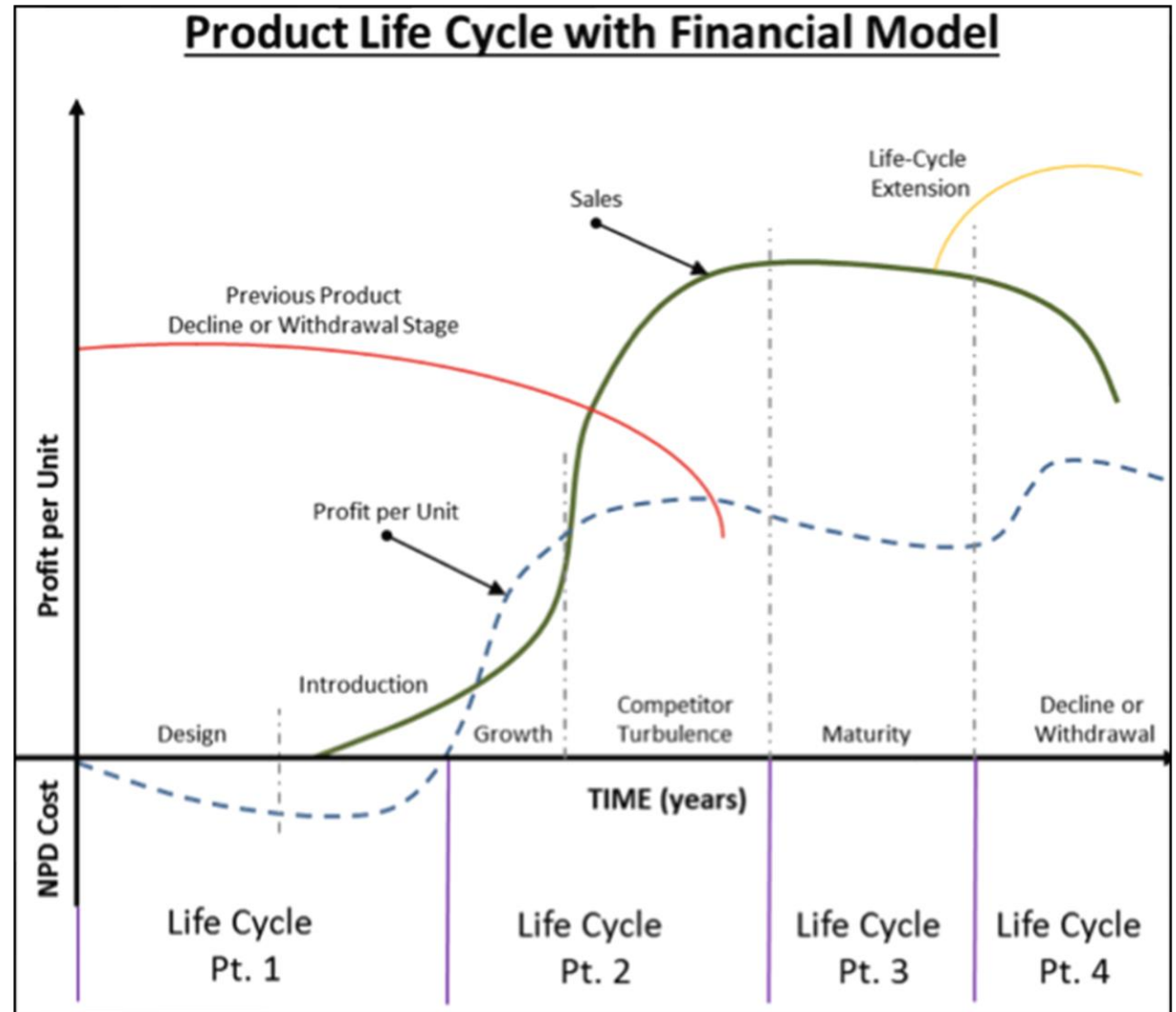
7.2
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BUSINESS MODEL 3: PRODUCT LIFE EXTENSION

Over time, extending product life through proper care and repair reduces the need for people to buy more.

This leads to avoiding CO₂ emissions, waste output and water usage.

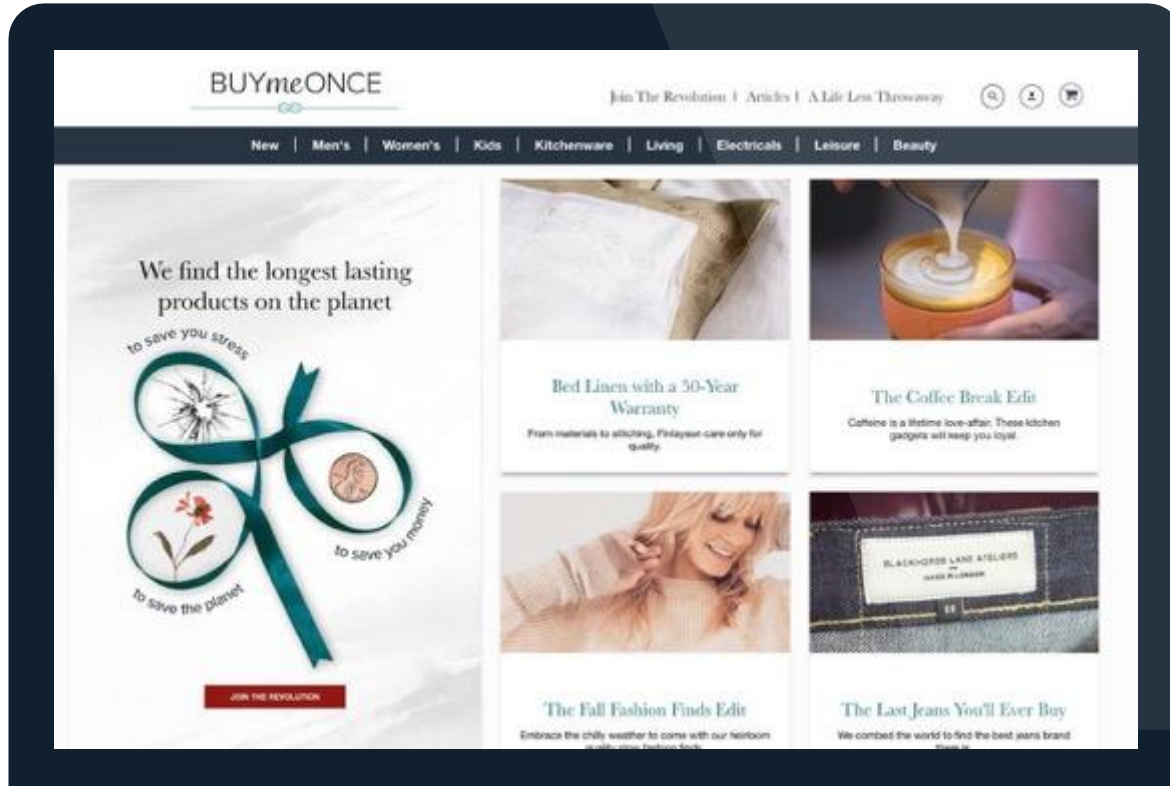




IN 2020, TECH-TAKEBACK
AND THE ZERONET JOINED
FORCES WITH BRIGHTON &
HOVE CITY COUNCIL AND
RECYCLE YOUR
ELECTRICALS TO OFFER
BRIGHTON AND HOVE
RESIDENTS A NEW SERVICE:

 **RevaluElectricals**

A ONE-STOP-SHOP FOR THE LONGEST-LASTING
& MOST SUSTAINABLE PRODUCTS ON THE PLANET.



BUYmeONCE

PROPRIETARY RESEARCH FINDS
THE "BEST IN SHOW" PRODUCTS:

1. Using the best materials?
2. The most durable/fixable?
3. Backed by independent reviews?
4. Ethical & as sustainable as possible?
5. Offering the best aftercare?

MAKING SUSTAINABLE SHOPPING ACCESSIBLE + CONVENIENT + ATTRACTIVE

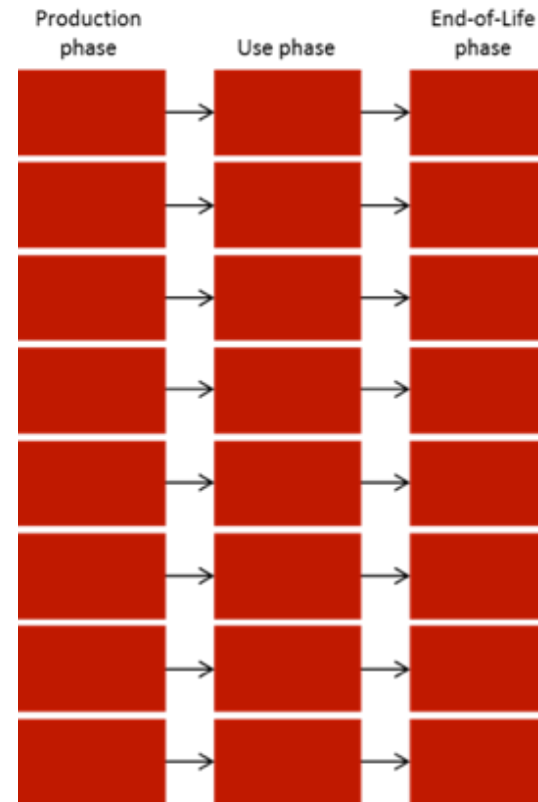
SOENECS
Innovative Sustainable Solutions

BUSINESS MODEL 4:

SHARING PLATFORMS

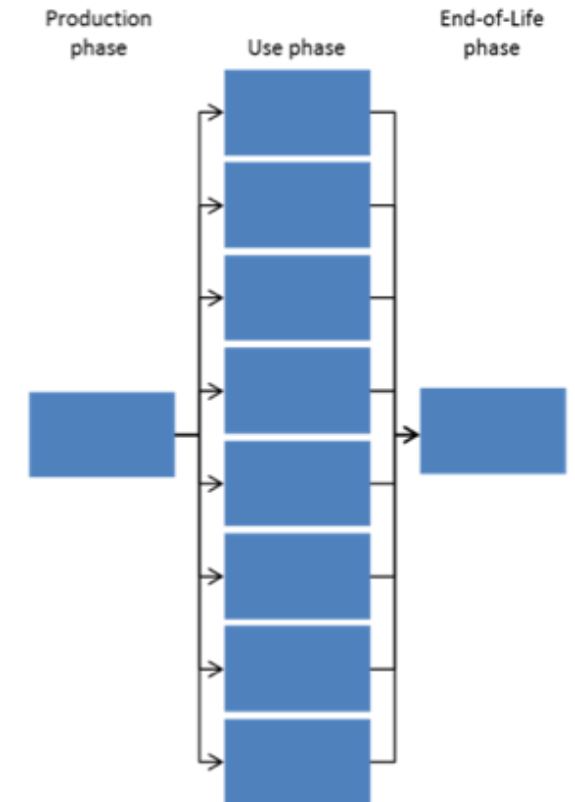
MAKING BETTER USE OF PRODUCTS BY SHARING THEM – TO MAKE SURE THEY ARE USED MORE OFTEN AND BY MORE PEOPLE

TRADITIONAL, LINEAR MODEL



More impact in production, including materials, phase and End-of-Life phase

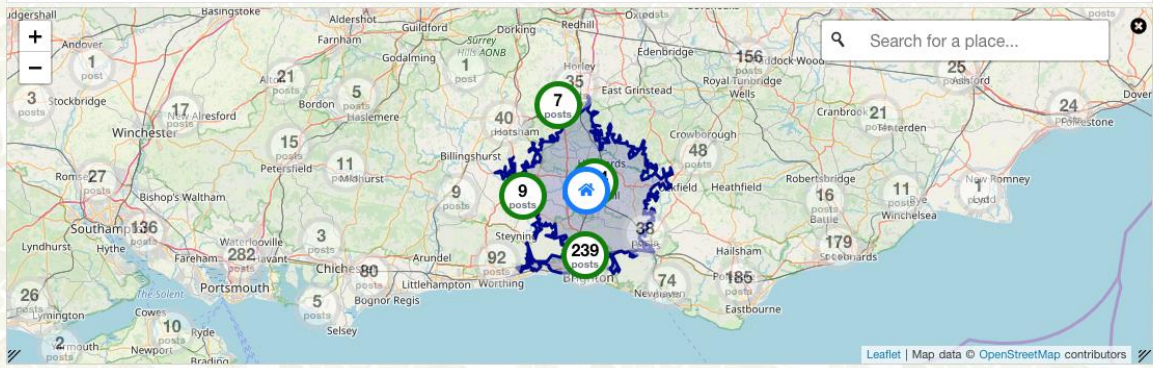
SHARING, CIRCULAR MODEL



Less impact in production and E-o-L, potentially higher impact in use phase due to easier access to product

Travel time: (from RH15 9AE) Add location Travel by:
 Near Far

 Show posts from [all my communities](#) instead.



[Join Haywards Heath Freegle](#)
[Join Hurstpierpoint Freegle](#)
[Join Henfield Freegle](#)

-- All communities -- All posts Search posts

OFFER

Jiffy bags
Worlds End Burgess Hill
 40 minutes ago on [Burgess Hill Freegle](#)
 Someone from Hayward's Heath has requested Jiffy bags on this site, but when I reply (twice) they don't get in touch with me. I wonder whether my messages are going into his/her junk box. ...

[See details and reply](#)

WANTED

Wall mounted book rack

- Jobs near you**
 Freegle gets a small amount if you are interested and click.
- KS2 Teacher job in the Burgess Hill area Burgess Hill**
 KS2 Teacher job in the Burgess Hill area both full and part time Your n...
 - Temporary Kitchen Porter Burgess Hill**
 Job Title: Temporary Kitchen Porter Salary: £8.91 per hour Location: B...
 - Part Time Receptionist 1pm-6pm Burgess Hill**
 Part Time Receptionist 1pm-6pm / Burgess Hill / Business Support Cli...
 - Supply Teacher jobs in the Burgess Hill area Burgess Hill**
 Supply Teacher jobs in the Burgess Hill area for supply and long-term ...
 - Administrative Assistant Burgess Hill**
 Zenon Aviation are supporting one of the worlda€™s largest providers...
 - Primary Intervention Teachers needed Burgess Hill**
 Primary Intervention Job Available Teachers needed, Competitive Salar...
 - Customer Service Agent Burgess Hill**
 Job Title: Customer Service Agent Location: Burgess Hill Salary: up to ...
 - Assistant Project Co-Ordinator / Administrator Burgess Hill**
 Job Title: Assistant Project Co-Ordinator / Administrator Salary: £220...
 - Temporary School cleaner - Evenings Burgess Hill**
 IMMEDIATE START - Pay Rate: £9 per hour 25 hours per week Duratio...

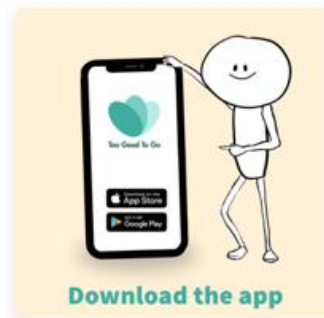
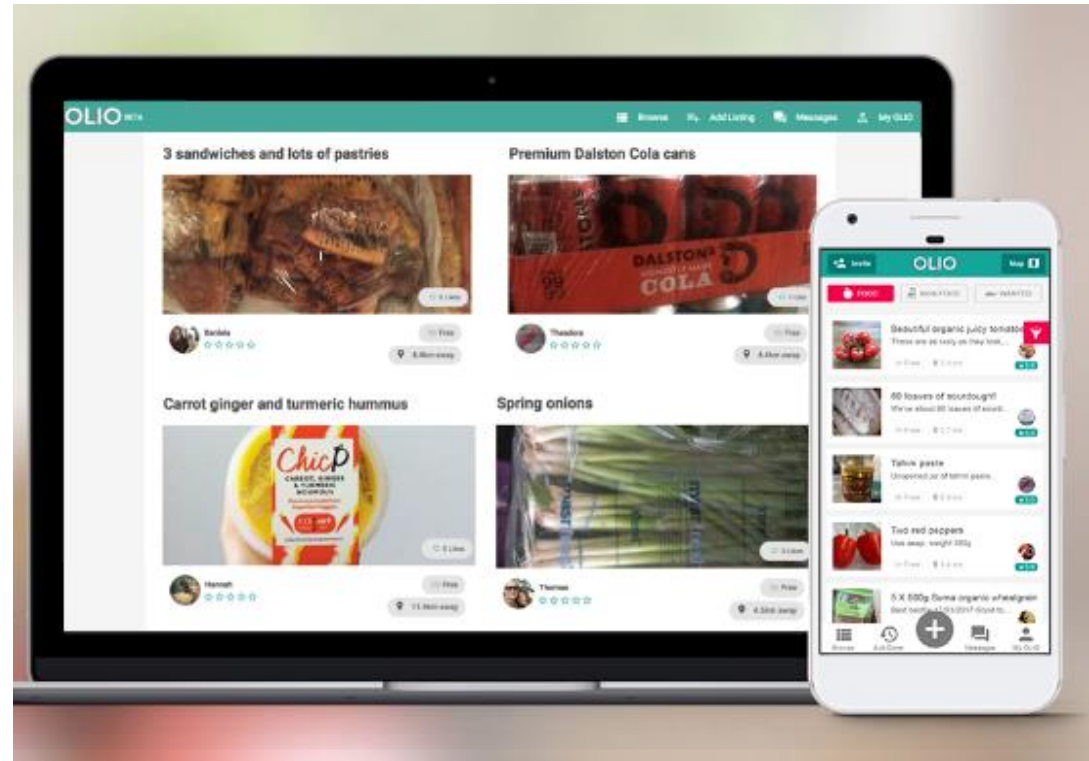
FREEGLE

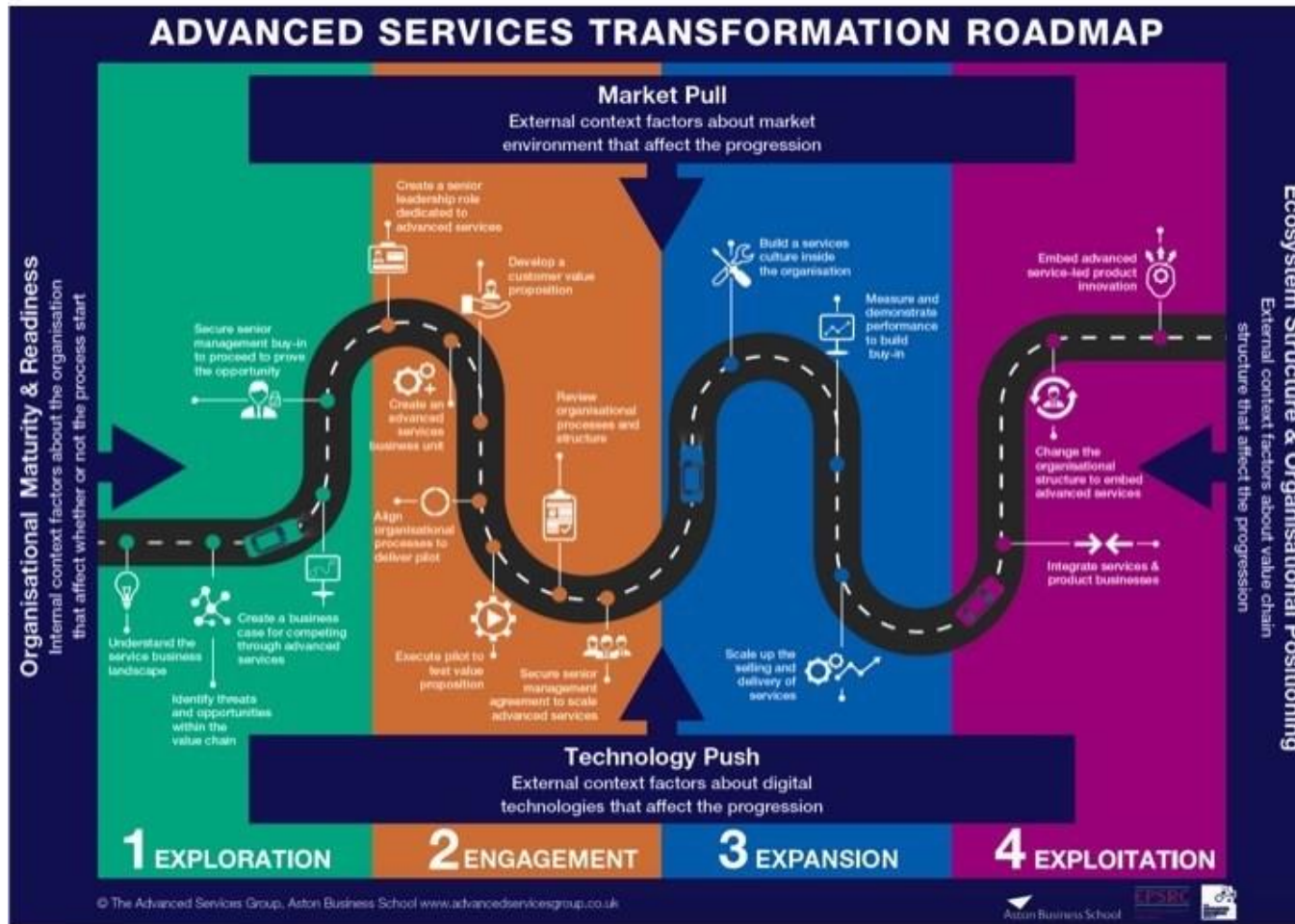
FOOD WASTE

OLIO

TOOGOODTOGO

KARMA





© Aston Business School 2018

BUSINESS MODEL 5: SERVITIZATION

SHIFT FROM OFFERING
PHYSICAL PRODUCTS
TO OFFERING SERVICES,
OR A COMBINATION OF
THE TWO

nu.

HOME | OUR

The Nu Wardrobe

We Share Clothes

Good for your pocket, good for the planet.

Sign Up

NUWARDROBE



ROLLS ROYCE



Rolls-Royce: doesn't sell aircraft engines but "Power by the Hour". The benefit to the customer is continuous uptime and drives innovation in reliability for Rolls-Royce.

Pay-per-copy instead of copy machine rental delivers shared benefit in reliability, product performance and remanufacturing.



RICOH
imagine. change.

"Michelin Fleet Solutions" offers fleet operators a pay-by-the kilometre service. Michelin is now investing in developing longer lasting tyres.



MICHELIN



BUNDLES



Bundles: Internet connected Miele washing machines and a smart "Wash-App" delivers the best products to customers at low monthly costs. Reliability and product life extension delivers affordable performance to the customer.



PHILIPS



A move to selling light instead of lamps. "Light as a service" provides the opportunity to install low energy consumption technology and drives innovation in energy use, financial solutions and product resale for Philips.

Airport conveyor systems sold on accuracy, security and efficiency. With a pay-per-baggage-item business model, the best price performance for all stakeholders is the unique offering.



VAN DER LANDE



CIRCULAR ECONOMY CLUB

280 Chapters | 5 Continents | over 8,000 members | over 500 volunteers



“ Being a CEC Organizer put me on the spotlight nationwide



Due to the events I have been organizing within my role as a CEC City Organizer, CEC Santiago is going to be on the national Roadmap for the circular economy, that the Ministry of

Environment in Chile is developing. I recommend anyone who is willing to bring to life the circular economy in their cities and countries, to join the CEC Organizers program to bring about real change.

Bernardita Mancilla
Founder of Circular Coffee

THE CEI CERTIFICATES

Use **172cei** to get a 10%
discount on all certificates



CIRCULAR ECONOMY
INSTITUTE

CIRCULAR ECONOMY TRAINED

CERTIFICATE

Provides knowledge about how the circular economy is currently being deployed in the real world.

 NO WORK EXPERIENCE REQUIRED


Successful candidates will increase their employability and develop skills useful to understand, implement and communicate circular initiatives.

LANGUAGES: English or Spanish

PRICE: £280

START DATE: Anytime

DURATION: 30 hours

 EVALUATION: quizzes, graded activities and one standardized multiple-choice exam

[READ MORE](#)

CIRCULAR ECONOMY SPECIALIST

CERTIFICATE

Hands-on theory and implementation tools about the upcoming ISO International Standards on Circular Economy.

 3 YEARS OF WORK EXPERIENCE REQUIRED


Successful candidates will be equipped with the necessary skills to coordinate, implement, evaluate and audit circular projects in public and private organizations.

LANGUAGES: English or Spanish

PRICE: £460

START DATE: Anytime

DURATION: 60 hours

 EVALUATION: quizzes, graded activities, and mock ISO circular assessment of a real organization

 SECTOR-SPECIFIC Certificates available: Built Environment, Electronics, Fashion, Furniture and Tourism

[READ MORE](#)

CIRCULAR ECONOMY INSTRUCTOR

CERTIFICATE

Provides all necessary knowledge, tips and materials to instruct about circularity in any course format and audience.

 5 YEARS OF WORK EXPERIENCE REQUIRED


Successful candidates will develop the necessary skills in today's world of instructors, speakers and communicators who need to instruct about the circular model.

LANGUAGES: English or Spanish

PRICE: £930

START DATE: Anytime

DURATION: 120 hours

 EVALUATION: quizzes, graded activities, 3 multiple-choice exams and giving a mock class about a real circular case study

[READ MORE](#)

THANK YOU FOR LISTENING QUESTIONS AND DISCUSSION

Twitter: @CircularEClub

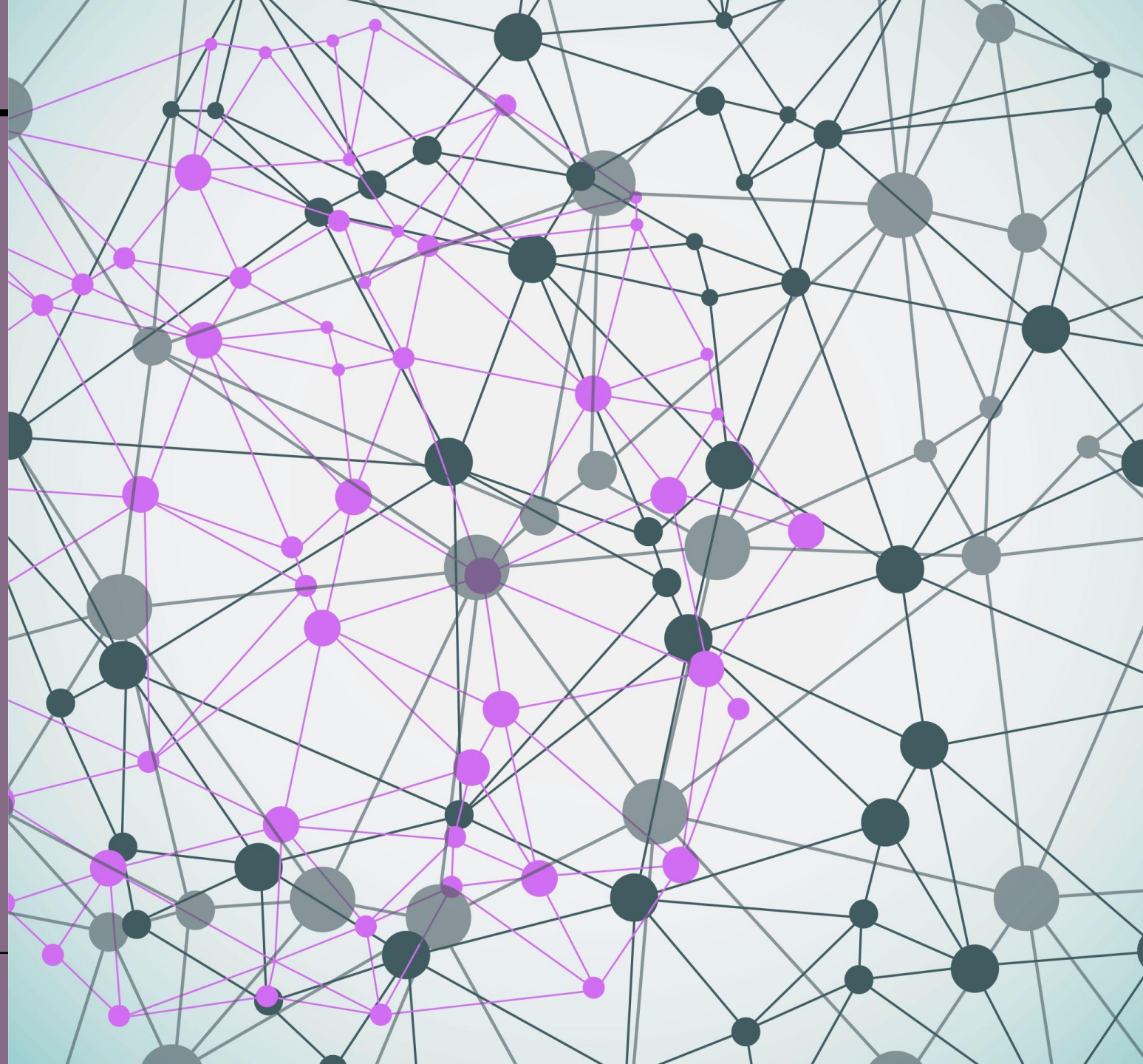
Twitter: @CircularEClubLDN

Insta: Circular_Economy_club_ldn

CircularEClubLondon@gmail.com

[@DrResources](#)

davidg@soenecs.co.uk



Stronger Together



Deb Lee

The power of us

Individually, social enterprise within the circular economy are wonderful, collectively they are helping to create a kind, inclusive and sustainable world





1. Intro

Quick overview:

- **In an ideal world...**
SEEE's vision and what we want to achieve
- **Wow**
Our inspiration...
- **Let's go!**
Making a difference together

Our vision is...

Where no good idea, talented individual or inspired group is wasted.

Where every community has the support it needs to turn these ideas and talents into social enterprises.

Where these social enterprises are given the assistance they need to help build fairer, greener places.

iDEAS
TALENT
ENTERPRISE

—

What % of businesses are led by women?



—
6% FTSE 100

16% SMEs

45% of SEs

(59% in East of England)



3 pillars:

Empower with skills &
knowledge

Promote - raise the profile

Connect with each other
and decision makers



2. Examples

- **So what?**
Why do SEs need to be connected?
- **Where is it working?**
Our inspiration!



Shared Goals

Place based collaborative partnerships allow enterprises working towards the same outcomes, eg tackling homelessness or poverty to create a strategic ecosystem that has more impact, perhaps sharing resources, skills and knowledge or increasing an individual organisation's voice or capacity to fulfill supply chain opportunities.







Sort By Favorites

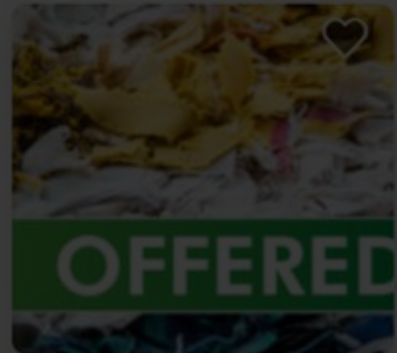
Clear

KM MILE

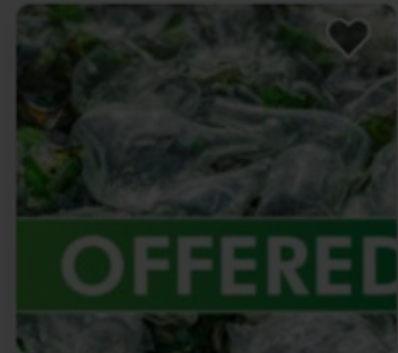


The Norwich Upcycling Exchange

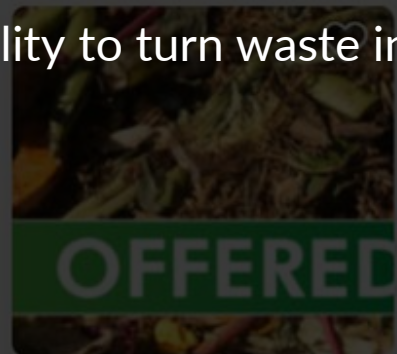
An online facility to turn waste into resource.



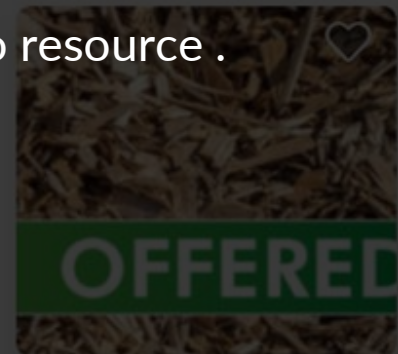
Norwich · Paper
Bicycle Links



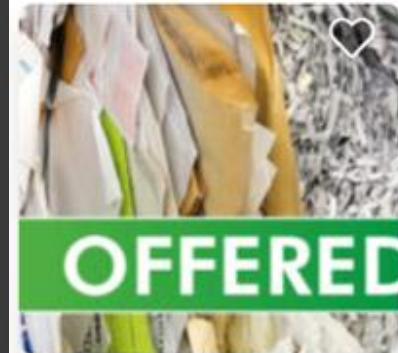
Norwich · Plastic
Thorns DIY



Norwich · Organic
British Sugar



Norwich · Wood
The Green Grocer



Norwich · Paper
Jarrold



Norwich · Organic
Baileys of Norfolk



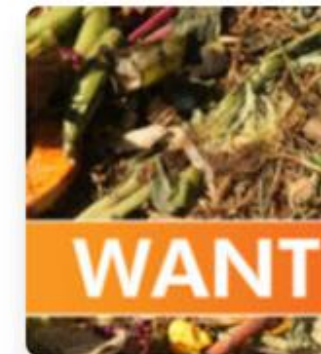
Norwich · Plastic
CIM Signs and Graphics



Norwich · Organic
Gyre and Gimble



Norwich · Organic
Curious Directive



Wymondham · Organic
Norfolk School Gardening



The background of the image shows a group of people sitting at a table in a dimly lit room, looking out a large window. The window provides a view of a city skyline, with a prominent large dome-shaped building, likely a state capitol building, in the center. The scene is captured in silhouette, with the people and the interior of the room appearing dark against the lighter cityscape outside.

How can you come together
for the benefit of your
community?

Comfort break

14:10 - 14:30

Please be back in the New White Loft ready for the next presentation to begin at 14:30

Slido question:
What is your key takeaway from the breakout session you attended?



slido.com
#BPCC

Panel discussion

14:30 - 15:10

What is the future of the circular economy?

Essex
County
Council

Kids
Against
Plastic

UniLaSalle

Hubbub

The
Restart
Project

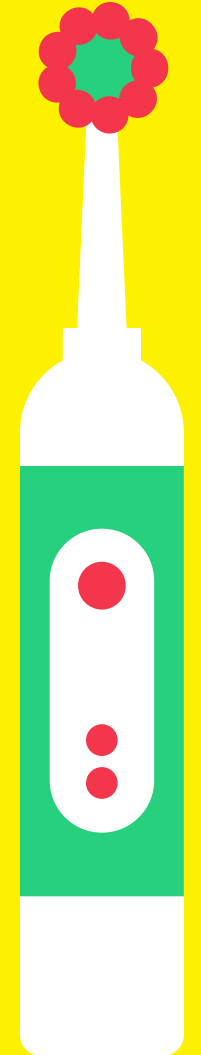
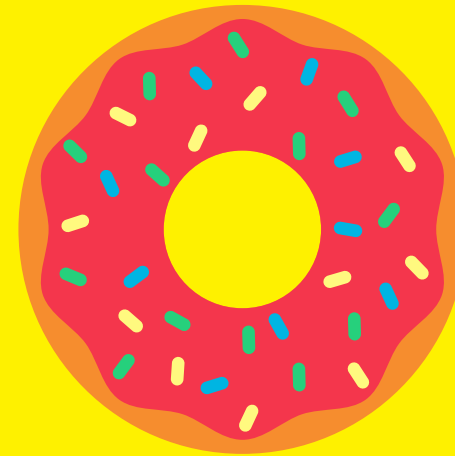


Circular economy

*Why should local authorities care ?
What can they do about it?*

Pauline Metivier

02/03/2022





A future without waste

where the way we make, consume and dispose of stuff actively tackles the climate crisis and protects our planet.

What do you think has the strongest impact on climate change globally ?

Energy



or

Products

?

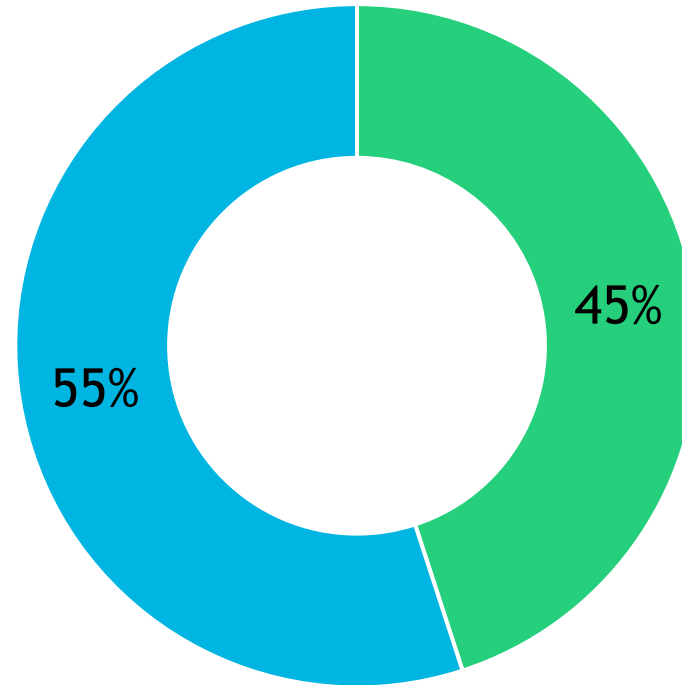


What do you think has the strongest impact on climate change ?

Energy



Products



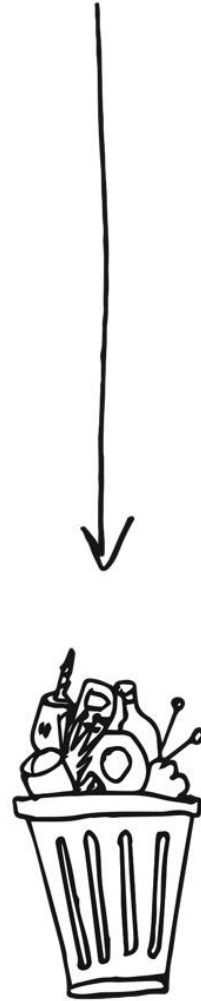
Global greenhouse gas emissions in 2010 (EMF)

This affects our ability to live comfortably and safely on our planet...



A circular economy is one in which stuff is kept in use for as long as possible, delivering the highest value it can, for as long as it can.

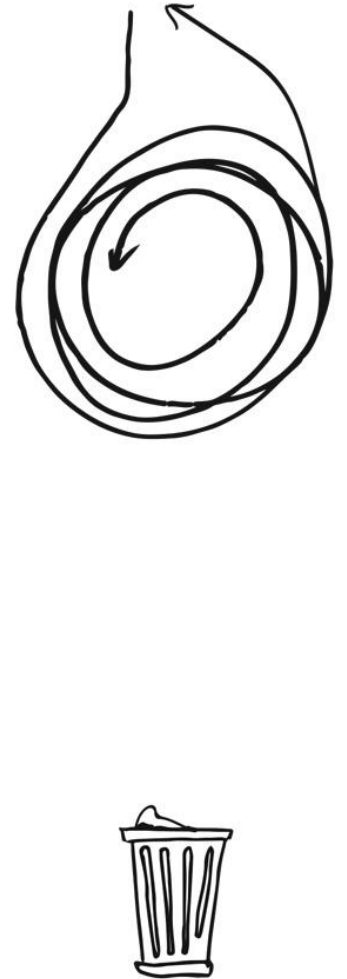
LINEAR ECONOMY



RECYCLING ECONOMY



CIRCULAR ECONOMY





How circular is our economy today?



Over $\frac{1}{3}$
of food produced to supply
London is lost or wasted.



80%
of household items are used
less than once per month
in the UK



60% of European offices are not used
even in working hours

A stack of white-framed windows leaning against a blue metal structure in a construction site. The windows are stacked vertically, and the metal structure consists of vertical and horizontal beams. The background shows a wooden ceiling and other construction elements.

54% of demolition materials in
Europe **is landfilled**

515,000
potential jobs in
London circular
economy by 2030

Potential to grow
from £11bn to
£24.2bn
GVA by 2030





What can local authorities do?

Urban policy levers for circular economy transitions

Ellen MacArthur Foundation

URBAN POLICY LEVERS FOR CIRCULAR ECONOMY TRANSITIONS



VISION



ENGAGEMENT



**URBAN
MANAGEMENT**



**ECONOMIC
INCENTIVES**



REGULATION



**ROADMAPS AND
STRATEGIES**



**CONVENING
AND
PARTNERING**



**URBAN
PLANNING**



**FINANCIAL
SUPPORT**



**LEGISLATION
AND
REGULATION**



**AWARENESS
RAISING**



**ASSET
MANAGEMENT**



**FISCAL
MEASURES**



**CAPACITY
BUILDING**



**PUBLIC
PROCUREMENT**



Greater London Authority
and
33 independent
'boroughs' (municipalities)

9 million residents
Area is 10 times bigger than Paris



CASE STUDY

Meet the Cities

Circular construction innovators meet City of London and Westminster City Councils

Highlights

- **17 circular businesses** matched to **8 large construction businesses** and **5 local authority departments**
- **80% of attendees** identified the potential for collaborations



Fallen and Felled

Reclaimed fallen trees

- **3 new contracts** following ReLondon meeting, including with **Westminster City Council's** tree surgeons
- **4 new jobs** created



CASE STUDY

Localised grants in Islington

Highlights

- £140,000 to small and micro-businesses
- 24 grantees from a pool of 71, with a competitive selection process
- 50% grantees were new to the circular economy
- 39% based in Islington Council's priority wards for deprivation



Top Cuvée

Refillable wine

- **1000+** single wine bottles avoided
- **14+** other local businesses engaged



CASE STUDY

Love Not Landfill

Multi award-winning campaign aiming to encourage 16-24 years old fast fashion fans to buy second-hand, swap, recycle and give to charity.

Highlights

- Combined following of 10,000+ on own social media channel
- Attracted 9,000+ people to our events
- Partnered with influential brands, including Top Shop, depop, Contiki, Vanish and Westfield
- Support of high-profile celebrities and influencers





Our resources for local authorities

Circular Economy Matchmaker

Discover innovative businesses with circular solutions to match your needs.

CEmatchmaker.com

The screenshot shows the ReLondon Circular Economy Matchmaker website. At the top, the logo 'ReLondon Circular Economy Matchmaker' is on the left, and a 'Search the directory' link is on the right. Below the logo is a search bar with the placeholder text 'Search for something', a 'Filters' button, and a 'Clear' button. The main content area displays 'Showing 9 of 9 results'. Below this, there are three filters: 'Page: 1 of 1', 'Type: Businesses', and 'Category: Built Environment'. The results are presented in a grid of three cards. Each card features a header image, a company name with a plus icon, and a short description. The first card is for 'Permia', the second for 'Qflow', and the third for 'Optumum'. A 'Community' icon is visible in the bottom left corner of the screenshot.

ReLondon
Circular Economy Matchmaker

[Search the directory](#)

Search for something **Filters** **Clear**

Showing 9 of 9 results

Page: 1 of 1 Type: Businesses Category: Built Environment

Permia
At Permia we've developed Kiacrete, a next generation permeable pavement with superior strength, durability, permeability and clogging resistance compared with conventional alternatives.

Qflow
Qualis Flow is on a mission to enable responsible, resource efficient construction; cutting waste and carbon. Our tool, Qflow, uses a unique combination of machine learning enabled software to aut...

Optumum
We support organisations in any sector to share overcapacity, excess material and under-utilised assets between departments, businesses and with others nearby.

Community

The Academy



1 **Circular Economy 101**
for CEOs, Members and
Directors

2 **Circular Economy
action plan workshop**
for engagement across
departments

3 **Circular procurement**
for procurement officers and
any officers involved in
procurement

Who we've worked with so far



UK Circular Local Authorities Network

An opportunity to share knowledge and collaborate.

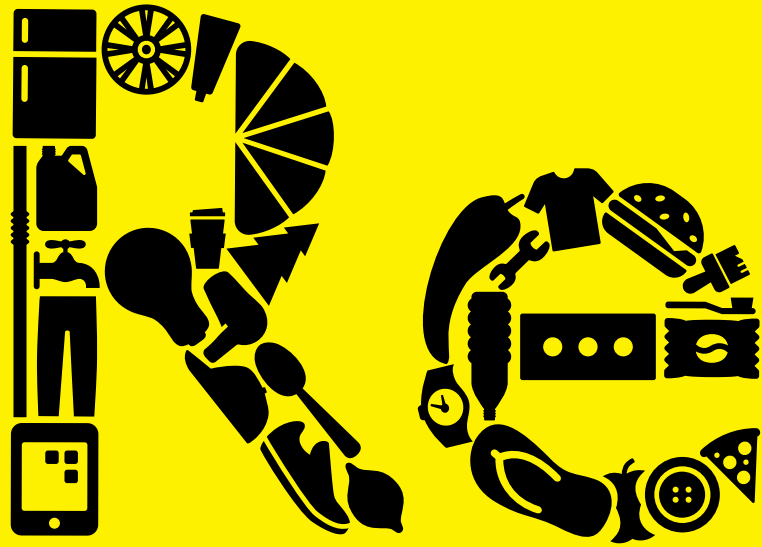
Already 25 local authorities signed up !

Next meeting next week:
March 8th

Contact
Rachel.singer@relondon.gov.uk
if you're interested to join

ReLondon





ReLondon

Thank you

Pauline Metivier

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Conference wrap up

Essex County Council

15:30

Florent Andre

Partnership



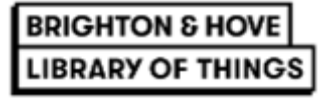
Brighton & Hove
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External Partners



University of Brighton



AND MANY MORE...



Thank you for attending



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Feedback form

