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Date	Purpose	Author(s)	Approved	Issue
14/04/22	Review of the strategy for delivering the University's waste / recycling targets	L Moore N Morris	Head of ECE	B

1.0 Introduction

The University of Exeter is a leading internationally recognised higher education institution whose core business is the generation and dissemination of knowledge, which specifically includes climate change and sustainable futures. The University is a major employer in the south west with over 5,000 members of staff and a student community of over 27,000.

The University has an [Environment and Climate Emergency Policy Statement](#) which was agreed by the Vice-Chancellors Executive Group in October 2020. The Environment and Climate Emergency Policy aims to integrate carbon and environmental management into all University processes and to maximise the influence of the University in reducing its footprint through education and research, its operations and ambitions

The University has recently launched their 2030 Strategy, which includes the mission 'We will use the power of our education and research to create a sustainable, healthy and socially just future. Our shared purpose and vision will continually move us forward to make a difference to our people, our communities, our partners, and to the world around us' and our vision statements 'Lead meaningful action against the climate emergency and ecological crisis' and 'Lead the progress towards creating a fair, socially just and inclusive society'.

The University generated over 2,000 tonnes of waste during the 2020/21 academic year, a rise in volume when compared to previous years although to be expected with the annually increasing number of staff and students. The first Waste Management and Resource Strategy was published in 2010. Since this time, we have introduced a raft of initiatives to ensure we comply with legal and other requirements relating to waste, manage our waste in accordance with the waste hierarchy and reduce our costs.

Waste accounts for <1% of the University's carbon footprint.

The Waste Management Strategy will improve our environmental performance, reduce our carbon footprint and contribute to our ongoing certification to the ISO14001 (International Standard for Environmental Management Systems).

2.0 Our achievements (2015-2021)

From 2022 our in year achievements will be communicated and available in our Environment & Climate Emergency Annual report.

Since 2015 we have achieved the following:

Increased recycling: we increased recycling from 29% in 2009 to 32% in Exeter and 62% at Penryn during 2018/19, which has become our new base-line measurement.

97% of waste is now diverted from landfill each year: all non-recyclable waste is now disposed of to a waste to energy plant.

Trial of on-site aerobic composting: a Rocket Composter was trialled on campus for the management of food waste. The trial subsequently demonstrated the need for a commercial contract for food waste disposal which was introduced in 2014.

95% of food waste is sent to anaerobic digestion: all food waste from commercial kitchens is now sent to an anaerobic digestion plant where biogas and biofertiliser are produced. The remaining 5% is now being distributed to local food banks. The University adheres to health and safety legislation pertaining to food waste and its distribution.

Resource centre developed: a dedicated resource area was created to enable the secure segregation of metal, electrical items, wood, plasterboard and non-recyclable items. A new £71,000 storage facility at Duryard Barn was brought on line to store good quality office furniture for future use across campus. Within the first 6 months of the facility being operational £37,000 worth of quality furniture was reused across the estate. There was a total of 10 tonnes of furniture re used across the campus during 2015. Over two tonnes of quality furniture had been distributed across campus representing a financial saving of £47,421 on the current market value during August 2016 as well as £350 in disposal costs.

Waste data dashboards have now been developed so that vital waste data can be presented alongside other KPIs following a third-party onsite waste audit. On top of this, a new Waste and Recycling Action Plan is being developed for the period 2021-2026.

In 2018/19 the University baseline footprint was calculated at 92,157 tonnes CO2 equivalent of which 165 was attributed to waste. As of 2020/2021 a 38% reduction has been achieved.

Waste A-Z reviewed and updated with fresh guidance and published for staff and student audience to promote the Waste Hierarchy; Reduce, Reuse, Recycle. Encourages waste consideration at purchase stage, reducing embodied carbon contributions and highlights the ethos of a circular economy.

Warp-It platform opened to external charitable organisations in order for them to benefit from our unwanted goods and increase our level of reuse. During 2021 and whilst Covid continued to impact our day to day operation we still diverted over two tonnes away from waste and into reuse, with almost half of this volume occurring in September and October following the closure of the academic year. This represents a financial saving of £29,449 compared to current market value as well as 14,401 kgs of carbon.

Improved Campus Signage New interior waste signage designed and ordered for phase one of new campus-wide waste signage to increase segregation and reduce contamination. With the installation of phase one nearing it's completion, funding has been secured for phase two to commence which will result in 5/6th of all interior waste and recycling points carrying the same, uniform livery.

Additional Bin Installations Glass recycling added to exterior of Forum Building to increase recycling contribution and divert from non-recyclable waste stream. Additional benefits extend to cost savings due to high-cost non-recyclable waste streams.

Sustainable Design Guide introduced, minimising waste on and off site, with circular economy and whole life carbon assessment and included in all tender specifications with robust measures in place to ensure contractors track and report their waste.

LEAF (Laboratory Efficiency Assessment Framework) in addition to energy saving measures, savings are made through waste and procurement practices arising from LEAF recommendations.

Four new recycling services developed: lightbulbs, cables, cartridges/toners and wood can now all be recycled at this University, all of which are used daily by divisions of Campus Services and Colleges through waste disposal requests.

One new reuse service developed: wooden pallets that would previously have gone away for potential recycling, although possible incineration have now been diverted into a local facility for their reuse.

Waste audit programme enhanced: detailed waste audits have been carried out for most of the large buildings by student Green Consultants. This has identified actions that can be taken to improve performance as well as measure the success of interventions. The Strategic Waste & Resource Manager will conduct two waste audits per annum, which will seek to gauge the alignment of our operational activity to the requirements of our EMS, giving rise to opportunities for continuous improvement. Student Green Consultants will commence termly audits in 2022 seeking to further improve performance.

Creation of tailored marketing materials: creation of Exeter specific signage and posters to facilitate awareness of waste and recycling.

Capture of reliable waste data: waste data is captured from all suppliers and contractors and maintained in Team Sigma. Waste and recycling information is now available for all buildings.

Donation of £280,136 to charity: since its inception in 2014 donations of clothes, bags, books, CDs and other items via the British Heart Foundation's Moving On/Pack for Good scheme. 2016 was the third year of participation for the University of Exeter and remains to be the best year for donations so far, receiving over 30 tonnes of contributions. Although even during Covid stricken 2021, we managed to divert and donate nearly nine tonnes of items which raised £15,610.

Trained staff: all operational staff are trained in key elements of waste management and are able to confidently answer questions posed by staff, students and visitors. Our carbon literacy training was launched online in 2022 to staff and students with waste awareness modules included.

179 tonnes of green waste is processed on site each year: green waste has been shredded and then screened and reused across the University's grounds.

Litter picking team: a new and dedicated team to launch in 2022 tasked with segregating recyclable materials from the total volume picked across campuses.

Food waste: food waste is collected from commercial kitchens by our waste contractor Exeter City Council/Binit. It is then sent for processing at a local anaerobic digestion plant.

Skip contract: in order to ensure that the University complies with relevant waste legislation and diverts as much waste as possible from landfill, a new contract has been established for skip hire on campus.

Duty of care checks: are carried out for all of the University's waste contractors to ensure that the company has the necessary environmental permits, valid insurances and licences to remove waste and apply the waste hierarchy when disposing of the waste.

Chemical waste contract: The University uses two specialist waste contractors to dispose of chemical waste.

The benefits of these changes include:

- Reduced environmental impact.
- Reductions in waste associated carbon footprint.
- Continual improvement in line with the ISO14001 International Standard for Environmental Management Systems.
- Improved legislative compliance.
- Improvements to reputation and image (in particular external league tables).
- Cost minimisation and revenue enhancement.
- Improved operational efficiency.
- Improved customer experience.

3.0 Guiding principles (2016-2022)

Waste Hierarchy - the main principles behind the University's Waste and Resource Management Strategy are based on the well-established Waste Hierarchy. This has become a cornerstone of sustainable waste management practices, setting out the order in which waste management measures should be prioritised based on environmental impact.



Figure 1: The Waste Hierarchy

Compliance with legislation and other requirements: all businesses have a legal duty to provide appropriate arrangements for the disposal of waste. A core component of this strategy relates to ensuring the University's waste management practices meet all of these relevant legislative standards. A compliance system has been established to enable the University to meet the required regulatory standards, which is monitored on a regular basis.

The Circular Economy: The University will encourage all potential for reuse through its procurement and BAU daily activity, giving rise to the huge advantages afforded by circular v linear practices.

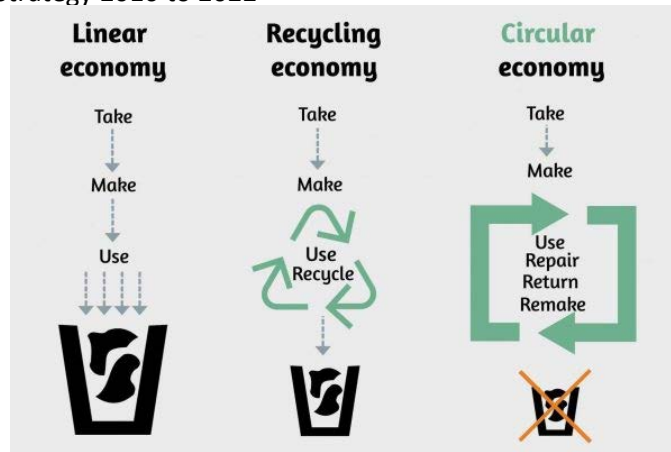


Figure 2: Circular Economy

Waste as a resource: a number of the waste streams produced by the University have considerable market value and if collected and segregated properly, the University can receive rebates from recyclers or can sell items that are in good condition. The University will seek to consider waste as a resource and raise revenue wherever possible, or identify opportunities for disposing of material free of charge.

Life cycle perspective: the University will consider the lifecycle perspective of its waste management processes.

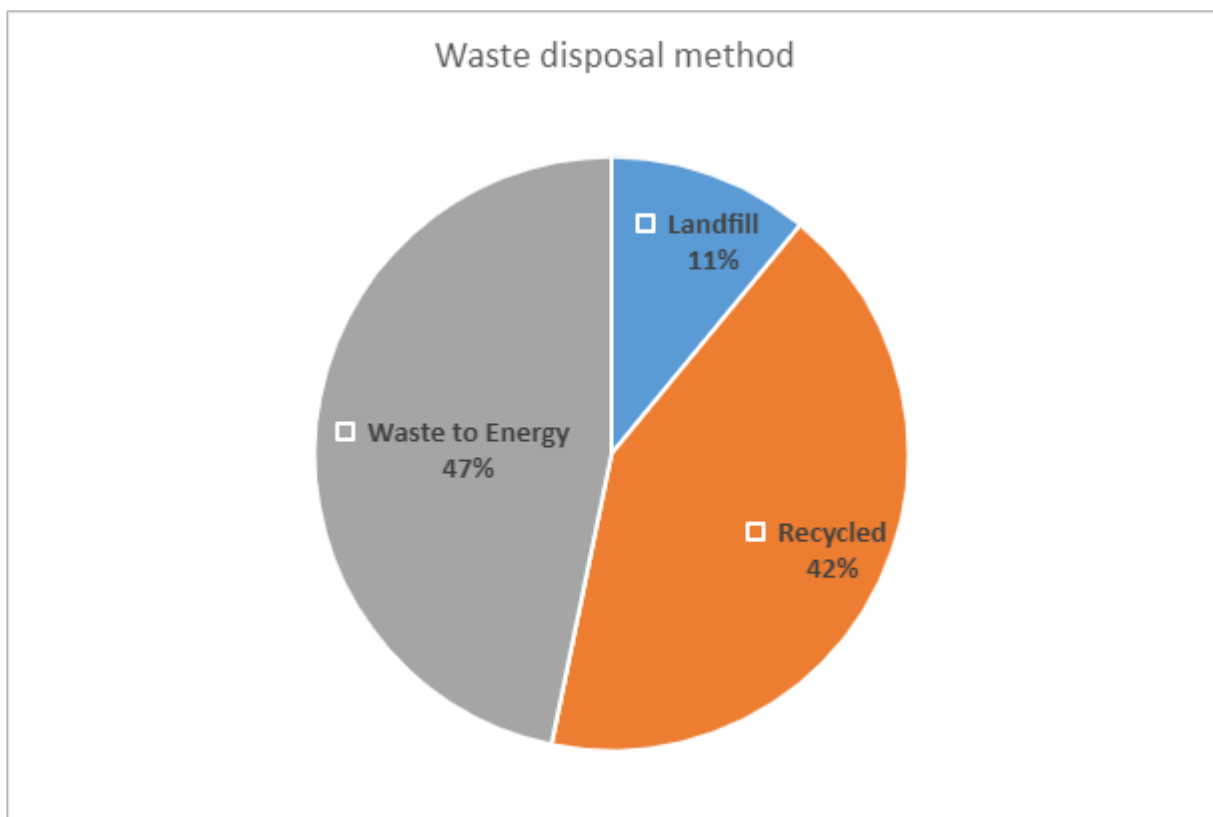
Needs and expectations of stakeholders: the University's customers, clients, funding bodies, lenders and local authority all demand information about its environmental activities and in particular its waste and recycling achievements. The University is required to provide performance indicators to both HESA Estates Management Statistics and the People and Green Planet League.

4.0 Waste Data

We have made significant improvements in the measuring of our data in terms of both coverage and accuracy. Actual weights are sourced from all contractors and suppliers and are collected from monthly submission reports, feeding into, and maintained within Team Sigma. We will now be using our 2018/19 as a baseline year for the comparison of all future data. We now calculate our waste streams through the following categories. The following information summarises our pan-university performance for August 2020 to July 2021:

Treatment Type	Weight (tonnes)	Percentage of Total
Anaerobic digestion	64.53	2.68%
Closed-loop recycling	873.97	36.27%
Waste to Energy Incineration	1126.83	46.76%
Composting	0.38	0.02%
Landfill	264.58	10.98%
Open-loop recycling	64.69	2.68%
Re-use	14.98	0.62%
Grand Total	2409.96	100.00%

Breakdown by waste process 2020/21)
(Excluding UPP and INTO)



Waste disposal by destination (2020/21)
(Excluding UPP and INTO)

Waste Stream	Weight (tonnes)	Percentage of Total
Construction Waste	736.6	31%
Recycled	58.3	2%
Waste to Energy	630.8	26%
Landfill	47.5	2%
Pan-university (non-recyclable waste)	505.1	21%
Waste to Energy	462.1	19%
Landfill	43.1	2%
Plasterboard	461.5	19%
Recycled	461.5	19%
Soils	165.5	7%
Landfill	165.5	7%
Scrap Metal	95.8	4%
Recycled	95.7	4%
Landfill	0.1	0%
Food	66.3	3%
Anaerobic digestion	64.5	3%
Composting	0.3	0%
Landfill	1.4	0%
Cardboard	65.4	3%
Recycled	65.4	3%
Wood	63.1	3%
Recycled	57.5	2%
Landfill	0.2	0%
Re-use	5.5	0%
Dry Mixed Recycling	41.7	2%
Recycled	41.4	2%
Composting	0	0%
Landfill	0.3	0%
Glass	34.7	1%
Recycled	34.7	1%
Paper	31.9	1%
Recycled	31.9	1%
Clinical	25.6	1%
Waste to Energy	25.6	1%
Plastic	23.9	1%
Recycled (closed loop)	0.3	0%
Recycled (open-loop)	23.6	1%
WEEE	21.8	1%
Landfill	6.2	0%
Recycled	15.6	1%

Waste Management Strategy 2016 to 2022

Waste Stream	Weight (tonnes)	Percentage of Total
Concrete	21.3	1%
Recycled	21.3	1%
Textiles	20.1	1%
Recycled	20.1	1%
Mixed	9.5	0%
Re-use	9.5	0%
Chemical	7.4	0%
Waste to Energy	4.7	0%
Recycled	2.7	0%
Tins & Cans	5.4	0%
Recycled	5.1	0%
Landfill	0.3	0%
Asphalt	2.3	0%
Recycled	2.3	0%
Sanitary	1.9	0%
Waste to Energy	1.9	0%
Pharms (Toxic)	1	0%
Waste to Energy	1	0%
Inert	0.7	0%
Recycled	0.7	0%
Milk Drum	0.6	0%
Waste to Energy	0.6	0%
Batteries	0.4	0%
Recycled	0.4	0%
Toner Cartridges	0.4	0%
Recycled	0.4	0%
Grand Total	2,410.00	100%

Breakdown by waste stream 2020/21)
(Excluding UPP and INTO)

5.0 Disposal routes

Waste Stream	Current Disposal Route	Resource
Aerosols	Recycle Exeter City Council / Binit	Metal.
Batteries	Recycle CDL Ltd	Precious metals are recovered and remaining components are recycled.
Books	Reuse Books sent to Book-Cycle are distributed to local communities in developing countries. Recycle For books that are recycled, the ink is removed and the paper is pulped and turned into newsprint and cardboard.	Books that can be reused. Where they are out of date they can be recycled for paper.
Cans	Recycle Waste cans are collected by Exeter City Council / Binit. Cans are sorted shredded and made into either new drinks cans or other products.	Metals.
Cables	Recycle CDL Ltd collect and reuse where possible, otherwise cables will be stripped and recycled for metals.	Metals. Re-usable cables.
Cardboard	Recycle Exeter City Council / Binit collect campus wide card as well as the baled card from the Forum Service Yard.	Recyclable card.
Catering oil	Recycle Olleco collect and convert into low carbon biodiesel.	Oils.
CDs, paper, miscellaneous items	Reuse Dr Alice Mills , Ogden Science Officer in CEMPS can use waste non-confidential CDs and DVDs for science outreach activities in schools. Campus Services collect coloured paper and miscellaneous for Family Centre (arts and crafts). Recycle Paper collected and recycled by Restore Datashred Confidential CD/DVDs collected and securely disposed by CDL Ltd.	Various reusable CDs, DVDs, coloured paper/card etc.
Chemicals	Reuse/recovery Labwaste (specialists & now Tradebe) collect for reuse, incineration, specialist landfill.	Destination depends on nature of chemical.
Clinical waste	Incinerated Peake (GB) Ltd collect and process locally.	N/A
Confidential waste	Recycle Restore Datashred collect, shred locally and recycle.	Low grade recycled paper, animal bedding etc.
Contaminated recyclates	Incinerated Exeter City Council / Binit	Energy generation.
Fluorescent lamps	Recycle CDL Ltd collect, process, recover and recycle.	Mercury is recovered and components recycled.

Waste Stream	Current Disposal Route	Resource
Furniture	<p>Reuse University wide reuse scheme, Warp-It - to encourage further consideration of waste as a resource and the circular economy.</p> <p>Recycle Damaged or unfit for purpose furniture split into recyclables.</p>	Usable furniture. Metal/wood/plastic.
Food	<p>Anaerobic Digestion Only food from commercial kitchens is collected by Exeter City Council / Binit and sent to Andigestion for processing.</p> <p>Reuse The University's Student Sustainable Alliance arrange for daily donations of unwanted fresh but soon to be out of date food to a local charitable food bank. The University has launched a Too Good To Go app connected to the Market Place Forum enabling the purchase of cut price, soon to be out of date Magic Bags containing a variety of food and drink.</p> <p>Non-recyclable Staff are encouraged to establish their own collection systems for tea bags and other locally generated kitchen waste to use in their own composting facilities at home.</p>	Packaged food. Food for anaerobic digestion.
Folders	<p>Reused Campus Services store good condition folders for reuse.</p> <p>Recycle Card recycled by Exeter City Council / Binit.</p>	Reusable folders. Recyclable card.
General waste	<p>Waste to energy Collected by Exeter City Council/Binit & processed locally</p>	N/A
Glass	<p>Recycle Collected by Exeter City Council / Binit.</p>	Recyclable glass for new bottles and jars, also used as aggregate.
IT	<p>Recycle/Reuse Collected by CDL Ltd, who dismantle the products & recover gases, metals & other parts. Some refurbishment & re-sale may happen. Secure data destruction.</p>	Reusable equipment, recyclable metals, plastics etc.
Laminated paper	<p>Reuse Staff are encouraged to list all unwanted and reusable stationary on the Warp-It platform.</p> <p>Waste to energy Collected and incinerated by Exeter City Council / Binit and processed locally.</p>	N/A
Laboratory equipment	<p>Recycled/Reuse Collected by CDL Ltd, who dismantle the products and recover gases, metals & other parts. Some refurbishment and re-sale may happen. Secure data destruction.</p>	Reusable equipment, recyclable metals, plastics etc.
Metal	<p>Recycle Taken to Newberry scrap metals for recycling with financial rebate.</p>	Recyclable metals.

Waste Management Strategy 2016 to 2022

Waste Stream	Current Disposal Route	Resource
Mobile phones	Recycle /Reuse Collected by CDL Ltd, who dismantles the products & recovers gases, metals & other parts. Some refurbishment and re-sale may happen. Secure data destruction.	Reusable equipment, recyclable metals, plastics etc.
Paper	Recycle Collected by Restore Datashred and recycled locally.	Recyclable paper for variety of third grade products such as paper towels and cups, new paper, toilet rolls, cardboard etc.
Plastic	Recycle Collected by Exeter City Council / Binit within the scope that they can recycle – currently bottles, containers and films.	Recyclable plastics for new plastic products.
Polystyrene (EPS)	Waste To Energy / Recycle Collected by Exeter City Council / Binit who may incinerate or bulk up for recycling.	Recyclable polystyrene for new products.
Pyrex	Recycle Collected by Labwaste.	Pyrex crushed for aggregate.
Textiles	Reuse Student reuse project donate to British Heart Foundation. Recycle Logo/branded textiles are distributed to workshops and laboratories for use as rags.	Clothing for resale in charity shops or sold as textiles for recycling. Ragging for workshops/laboratories.
Toners and cartridges	Reuse/Recycle Collected by Xerox for reuse and recycling.	Reusable cartridges. Some plastics.
Waste electrical equipment	Recycle/Reuse Collected by CDL Ltd who dismantles the products and recover metals and other parts. Some refurbishment and re-sale may happen, dependant on the age, specification and condition of equipment.	Reusable equipment. Metals and plastics.
Wood	Reuse Wooden pallets are taken to Scott pallets for them to be reused. Recycle Wood is taken to EMS for them to recycle	Wood for wood chippings, panel boards, animal bedding, wood chips for biofuel.

6.0 Objectives and targets 2016 – 2022

The University will continue to experience growth and, while there have been significant changes and improvements during the last 5 year strategy, it will need to be even more proactive in maintaining its current successes.

The University [Environment and Climate Emergency Policy Statement](#), agreed by the Vice-Chancellors Executive Group in October 2020, aims to integrate carbon and environmental management into all University processes and to maximise the influence of the University in reducing its footprint through education and research, its operations and ambitions. Policy targets pertaining to waste include:

- 95% reduction in single use plastic packaging
- 70% recycling rate by 2025 and 85% by 2030 of all waste
- Campus wide waste reuse / recycling programme
- 85% recycling of all waste in hospitality, catering & retail
- Implement a policy to deliver zero carbon footprint in IT equipment, data processing and services, including end of life waste recycling of equipment

The University also provides carbon scorecards to each College and Service, which include reduction targets for all environmental factors, including waste.

7.0 Communication:

While there are clearly defined goals and the University is working towards achieving them, improvements can be made to communicate these goals and celebrating successes.

The 2016-2022 strategy will continue to incorporate and engage more fully in:

- Updating web pages; to show latest information and changes to the systems
- Communicating achievements and supplying answers to FAQ in the Weekly Bulletin
- Reaching out to the students through Expose and social media
- Engaging with Colleges & updating them of changes
- Promoting one point of contact through other online user groups such as intecomsec
- Distributing feedback forms with points of interest
- Developing and implementing a Waste and Recycling Communication plan. Ownership of the Plan will rest with Facilities Management with a strong input from the Guild as a combined project aiming to reach potential students at Open Days and during Welcome Week as well as being distributed University wide.

Waste management will also be an integral component of Green Exeter, the new staff environmental accreditation programme.

8.0 Partnerships

Cooperation of all those who study work and visit the University of Exeter is needed to achieve the environment targets. All partners (FXPlus, UPP, etc.), tenants and contractors are required to comply with the guiding principles set out in Section 3. All partners, tenants and contractors should also provide waste data information, as appropriate, on an annual basis.

9.0 Measuring success

Waste performance data is available through SIGMA (online portal) and will be available on a quarterly basis from 2022 through carbon scorecards, which are available for each College, Service and campus. Performance will be reported annually to the Environment and Climate Emergency Board and communicated through the Environment and Climate Emergency Year End Report.

10.0 Delivery challenges

1. The increase in student and staff numbers. There will be a need to increase the amount of bins on site to meet the demands of the increasing numbers. Space and budget will also need to be taken into consideration during the planning process.
2. The introduction of third party suppliers who use the University's disposal services as a free means of waste disposal.
3. The strategies of third party suppliers e.g. introduction of disposal items.
4. The lack of communication. (See Section 8 – Communication).
5. The lack of staff (cleaners in particular) to increase collection/disposal points.
6. Incorrect bin usage leading to contamination. The proposed communication plan and better signage on bins will be implemented to help address some of the contamination issues and keep contamination to a minimum. There is a need to involve and educate the third party suppliers on waste contamination.
7. Infrastructure, such as bin locations and purchasing protocol for bin provision.
8. Visiting events staff/guests not adhering to the recycling policies. There will always be a possibility of cross contamination but the Communication Plan should help to solve some of these ongoing issues.
9. No glass collections after informal internal events. Colleges and Professional Services need to be advised of the nearest glass bins for recycling after informal events.
10. Failing to create a successful partnership with Students' Guild and sustainability coordinators.

11.0 Action plan

Facilities Management has the overall responsibility for the operational management of the wastes on the Exeter campus and see the following as important contributing factors to help meet target (objectives to be linked ✓ once action confirmed):

Service	Action	Objective						By When
		Reduce Waste	Recycling	Food Waste	Waste as Resources	Compliance	Communication & Engagement	
Facilities Management	Continue to segregate wood, metal and WEEE waste at the Resource Centre		✓					Ongoing
	Review paper recycling scheme		✓					Dec 2017
	Provide targeted communication to ensure all users of the Resource Centre know how to use the facilities				✓	✓	✓	Dec 2017
	Work with Direct Works and Built Estate to address corporate fly tipping by contractors					✓		Dec 2017
	Provide tailored information to commercial tenants and third party users of the campuses to ensure they manage their waste correctly, comply with University requirements and support the waste targets [ask for action plans]					✓	✓	July 2018
	Establish quarterly meetings with sabbatical officers and Guild Sustainability Committee representative to discuss waste and recycling issues		✓					Dec 2017
	Communication – there needs to be a greater awareness for students, staff and visitors on what they can do, how to do it, and what can be done to improve recycling statistics – Expose, Newsletters. Create a communication plan						✓	Dec 2017
	To continue to supply unused University Logo T/Shirts to those areas that require rags for use as oily rags reducing the cost of buying in	✓			✓			Ongoing
	Coloured paper, pencils and items that can be used in crafts are sent to the Family Centre to be used as craft material for the children	✓			✓			Dec 2017

Waste Management Strategy 2016 to 2021

Service	Action	Objective						By When
		Reduce Waste	Recycling	Food Waste	Waste as Resources	Compliance	Communication & Engagement	
	Address contamination issues and incorrect use of bins	✓				✓		Jul 2018
	Review/audit levels of contamination in dry recyclables		✓			✓		Jan 2018
	Continue regular waste audits	✓	✓	✓	✓	✓		Ongoing
	Promote recycling and increase motivation	✓	✓				✓	Jul 2018
	Review recycling infrastructure e.g. bins and locations		✓				✓	Jul 2018
	Create a comprehensive waste and recycling procedure for refurbishments and clear outs	✓	✓			✓	✓	Jul 2018
	Review Event Exeter contracts for visitor/client waste and recycling after events		✓				✓	Jul 2019
	Partnering with and cross-reference with Cornwall Campus Waste Management Strategy	✓	✓			✓	✓	Jul 2018
	Maintain accurate waste data	✓	✓	✓	✓	✓	✓	Ongoing
	Review bin purchasing for colleges/buildings including protocol, provision and a business case emphasising that recycling collections are more cost effective than general waste	✓	✓					Jul 2018
	Create a successful partnership with Students' Guild and sustainability coordinators to reach all students	✓	✓				✓	Jul 2019
	Review and promote the book recycling scheme through internal communications, to prevent reusable books being recycled through Shred It	✓	✓		✓		✓	Jul 2018
	Work with Blackmore Ricotech (for data) and procurement to reduce the number of cables provided for new machines, if old ones in good working order	✓			✓			Jul 2019
	Promote CD reuse schemes	✓			✓			Jul 2018
	Identify and work with partners in the local community						✓	Jul 2019
	Consider glass collections after internal events and within buildings. Prevent glass being disposed of in general waste stream		✓			✓		Jul 2018
	Review use of specialist sales companies for reuseable laboratory equipment	✓	✓					Jul 2019

Waste Management Strategy 2016 to 2021

Service	Action	Objective						By When
		Reduce Waste	Recycling	Food Waste	Waste as Resources	Compliance	Communication & Engagement	
	Create a business case for segregating into different metal types on site (e.g. brass, aluminium) to increase income	✓			✓			Jul 2019
	Complete of bulk paper recycling review. Consider new bulk disposal procedure for marketing materials	✓	✓					Jul 2019
	Consider separating into paper and confidential waste streams. Review bin locations/infrastructure		✓					Jul 2019
	Work with Student Guild to reduce Exposé waste/over ordering. Review how to reduce how much paper is brought in and used. Stop retail giving out till receipts by default	✓	✓					Jul 2019
	More storage for re-usable furniture items. Continued promotion of the scheme. Identify and work with partners in the local community	✓			✓		✓	Jul 2019
	Monitor market for Polystyrene	✓						Ongoing
Safety, Health and Wellbeing	Complete and issue legal documentation for reuse, sale and donations					✓		Jul 2019
	Establish network of approved partners to receive surplus items through sale and/or donation	✓			✓			Dec 2017
Residences	Review end disposal route for duvets and pillows	✓						Annually
	Review disposal route for mattresses	✓						Annually
	Conduct waste audits in Halls of Residences (in conjunction with FM)	✓	✓	✓	✓	✓	✓	Annually
	Analyse waste data for halls (in conjunction with FM)	✓	✓	✓	✓	✓	✓	Annually
	Increase collection capacity (time and location) of British Heart Foundation donations	✓	✓		✓		✓	Jul 18
	Food waste in catered halls (see catering)			✓				Jul 18
	Review halls/student reuse, to check that no branded clothing/textiles are being donated	✓	✓		✓			Jul 18
	Review paper recycling provision in Halls of Residences (in conjunction with FM)	✓	✓					Jul 19

Waste Management Strategy 2016 to 2021

Service	Action	Objective						By When
		Reduce Waste	Recycling	Food Waste	Waste as Resources	Compliance	Communication & Engagement	
Grounds	Maintain green waste arrangements to ensure “Zero Green Waste to Landfill”	✓	✓					Ongoing
Commercial Services	Reusable mug Scheme	✓	✓		✓			Sep 17
	Increase waste management in new commercial leases		✓		✓			Jul 2018
	Evaluate the use of disposals (e.g. cups, glasses, cutlery and plates) and look for most sustainable option	✓	✓					Jul 19
	Look to reduce the packaging on delivered food services	✓		✓				Jul 19
	Reduce the waste of milk and fruit juice	✓		✓				Jul 19
	Stop retail giving out till receipts by default	✓						Jul 17
	Conduct waste audits in catered areas	✓	✓	✓	✓	✓	✓	Jul 19
	Analyse halls waste data	✓	✓	✓	✓	✓	✓	Annually
	Look at contracts, to include waste and recycling for clients	✓	✓			✓	✓	Jul 19
	Consider/review over ordering of Fresh Ideas (meetings etc.)	✓						Jul 19
Review opportunity for filtered water provision via Fresh Ideas			✓				Jul 19	
Built Estate & Direct Works	Address “corporate flytipping” where internal users deposit waste outside of the designated disposal processes / infrastructure					✓		Jul 18
	Ensure contractors dispose of waste in accordance with legal requirements					✓		Jul 18
	Ensure contractors are made aware of University’s waste and recycling policies	✓	✓			✓	✓	Jul 18
	Work with Assistant Facilities Operations Manager to plan area clearances	✓				✓		Jul 18
	Ensure recycling infrastructure is included within new build and refurbishment specifications		✓			✓		Jul 18
	Encourage building users to reuse equipment and furniture where possible	✓			✓			Ongoing

Waste Management Strategy 2016 to 2021

Service	Action	Objective						By When
		Reduce Waste	Recycling	Food Waste	Waste as Resources	Compliance	Communication & Engagement	
	Support the ongoing management of Higher Hoopern Farm to meet best practice	✓	✓		✓			Ongoing
	Address hazardous waste store issues, creating long term solution					✓		Jul 18
Event Exeter	Update client contracts to include waste and recycling, including the removal of banners, flags, promotional/marketing materials, glass etc	✓	✓					Jul 18
	Request that clients adheres to the recycling procedures on campus.	✓	✓			✓		Jul 18
	Consider/review banner reuse/recycling	✓	✓			✓		Jul 20
	Consider and prevent outside waste spills and disposal, e.g. oil from food stalls					✓		Jul 18
	Prohibit release of balloons, Chinese lanterns and non-biodegradable confetti	✓				✓		Jul 18
	Provide recycling facilities for events		✓			✓		Jul 19
	Monitor buffet food waste	✓		✓				Jul 19
	Provide guidance on food orders to reduce over ordering.	✓		✓				Jul 19
Retail	Consider charity food waste collections	✓		✓				Jul 17
	Consider/review ordering processes	✓						Jul 19
	Reduce the number of till receipts issued	✓						Jul 17
	Include waste and recycling in future retail leasing, including built in costs	✓	✓				✓	Jul 19
Sport	Update booking forms to include waste and recycling	✓	✓			✓		Jul 19
	Increase recycling provision outside (Sports Park)		✓					Jul 19
	Look into recycling at Topsham and Duckes Meadow		✓					Jul 19
	Ensure our tenants (DCB, West Hockey, Ocean Physio) abide by the waste and recycling policies by writing into a contract					✓		Jul 19
Students' Guild	Address over ordering, e.g. for t-shirts, exposé and marketing materials	✓						Jul 19
	Work with Forum Service Yard staff to recycle cardboard efficiently		✓					Jul 19