

Evidence for THE Impact Rankings Questionnaire

University : Cyprus International University
Country : North Cyprus- Türkiye
Web Address : www.ciu.edu.tr

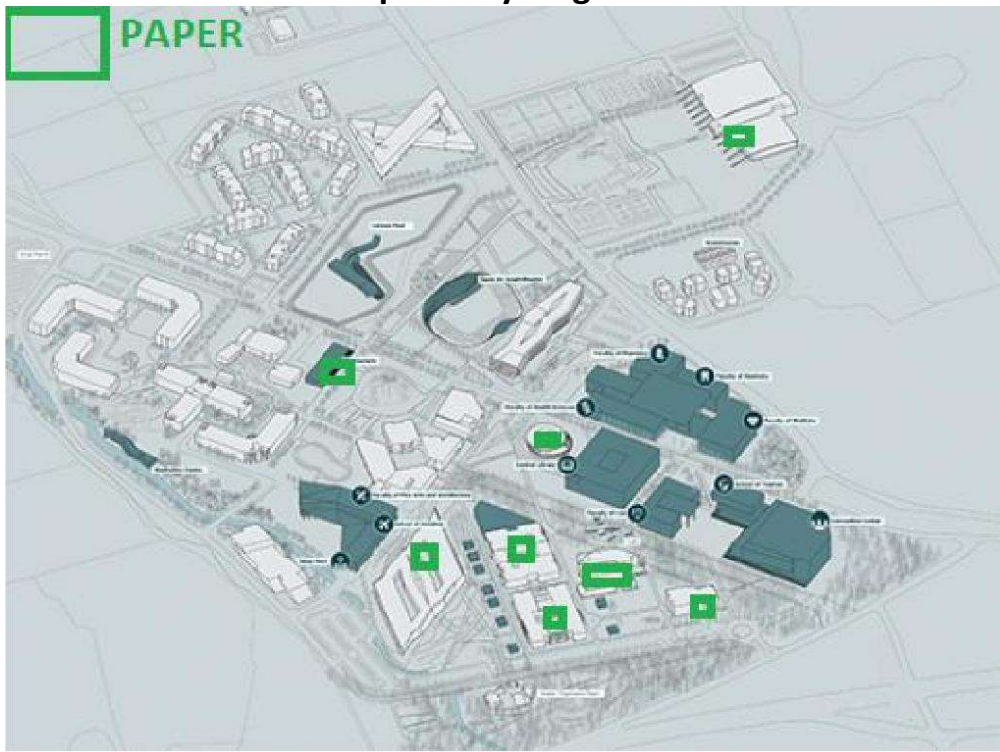
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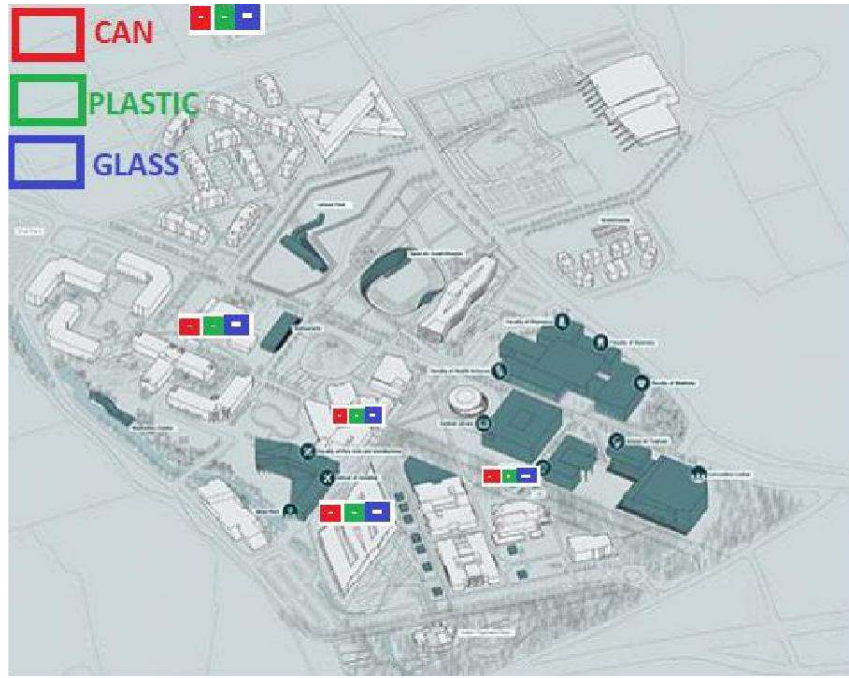
This file outlines the comprehensive waste tracking, reduction, and recycling initiatives at Cyprus International University (CIU), directly supporting the United Nations Sustainable Development Goal (SDG) 12, specifically Target 12.3, by measuring and minimizing waste generation across all campus activities.

Below are paper, can plastic, and glass recycling points. Furthermore, Images of some of the machines available for recycling/upcycling on campus are also available below.

Paper Recycling Points



Plastic, Cans, and Glass Collection points



Waste Generation and Recycling: A Quantified Overview

Waste Stream	Average Monthly Generation	Recycling/Reuse Method	Outcome & Measurement
Paper & Cardboard	~495 kg (paper) + ~350 kg (cardboard)	Collected by students, processed in the Sustainability Workshop.	100% Recycled/Reused. Converted into pencils, notebooks, and recycled paper sheets.
Organic/Yard Trimmings	~1,500 kg (50 kg/day)	Collected by the Campus Management team.	100% Reused. Sent to the university greenhouse as mulch and peat, supporting circular agriculture.
Food Waste	<i>Data Collection Ongoing</i>	Collected from university restaurants.	100% Diverted. Donated to the Nicosia Municipality animal shelter.
Construction & Wood Waste	Varies by project (e.g., OpenAir Arts Center)	Sorted and sent to the Sustainability Workshop.	100% of Timber Recycled/Reused. Metal waste minimized through precise fabrication. Used for furniture and new products.
Fabric/Textiles	<i>Data Collection Ongoing</i>	Collected via donation boxes across campus.	100% Recycled. Processed by a partner company to generate funds for cancer patients.
Plastic, Glass, Cans	Collected via dedicated bins (see maps below).	Sorted and sent to local recycling companies.	100% of Collected Materials Recycled. The university has formal agreements with local recyclers.

Description:

There is no particular regulation for waste management prepared by the TRNC government, but municipalities and educational institutes such as universities are trying to create programs to manage waste. Owing to this, CIU is the leading institute to carry out programs on recycling and managing waste inside the campus.



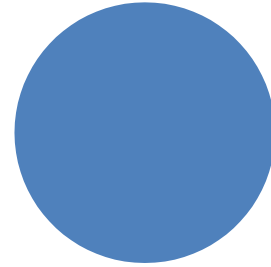
Construction waste: In 2023-2024, 100% of the campus buildings were maintained; this means a large amount of construction waste, such as timber from the OpenAir Performance Arts Center construction, was collected and sent to the Sustainability Workshop to be recycled. As the metal panels used on the building were fabricated to exact measurements and amounts, no metal waste was produced.

Wood CIU Nature Café is used as a reflection of waste management on the campus and also to educate students/the public on the negative adverse effects of harmful materials on the environment. Large amounts of the wood are collected and re-used for designing tables and chairs to create a 100% nature-friendly environment

Glass Waste: We focused on using glass and paper products, which are re-used to create concrete material and used to produce lighter and environmentally friendly objects such as pots. The pots will be used in front of stores for feeding cats and dogs as stray cats and dogs are a known abundance in Cyprus in general.

Food Waste: Food waste is collected from all the university's restaurants and sent to the animal shelter of Nicosia Municipality.

Construction Waste



■ Wood



This waste is also collected from the faculty buildings, resulting in almost 50kg of wastepaper per day and 18,500 kg of paper per year. The products produced by the SSC team are generally given out as gifts to guests and sometimes sold for a very minimal price during days like Christmas shopping or random days around the Student Union area.

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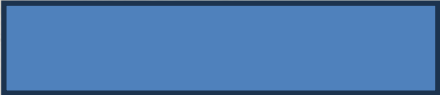
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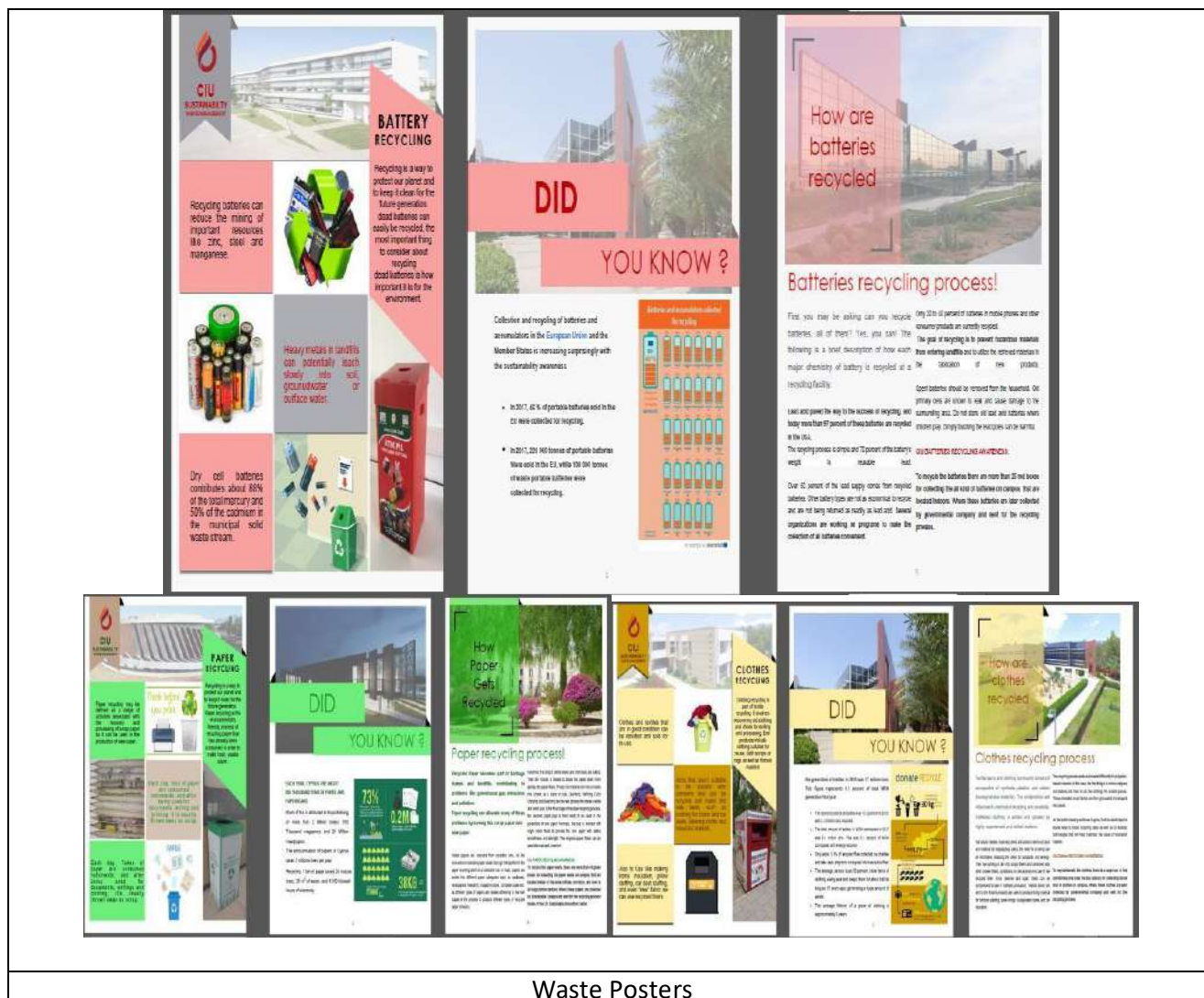


Contact:

CIU SUSTAINABILITY TECHNO WORKSHOP

Faria Iftikhar : 

Director



Waste Posters

Core Programs for Waste Reduction and Measurement

A. The Sustainable Innovation Centre & Workshop

This facility is the heart of CIU's circular economy, transforming waste into valuable products and providing tangible data on waste reduction.

- **Recycled Paper Pencils:** 5g of recycled paper per pencil. (>10,000 pencils/year).
- **Recycled Paper Notebooks:** 50g of recycled paper per notebook. (>2,000 notebooks/year).
- **Recycled Paper Sheets:** 100g of recycled paper per m². (>100 m²/year).

B. Digital Transformation to Reduce Paper Consumption

CIU actively measures and reduces paper use through comprehensive digitalization:

1. Digital Student Letters
2. Online Lab Manuals (PDF)
3. CIU Moodle for Course Management
4. CIU Student Information System (SIS)
5. CIU Campus Information System (KBS)
6. CIU Equipment Control System (ECS)
7. Electronic Document Management System (EBYS)
8. PaperCutMF for tracking and controlling staff printing
9. ASANA for digital team and schedule management.

C. Plastic Reduction Initiatives

CIU implements measurable strategies to combat single-use plastic.

- **Free Plastic Zones:** Implemented in the Main Restaurant, Rectorate office, and Nature Café.
- **Extra Charge for Plastic Bags:** Enforced at Molto Market and University Restaurants to discourage use.
- **Elimination of Plastic Straws:** All university coffee shops use paper straws (which carry an extra charge to incentivize reusable alternatives).
- **Free Drinking Water Project:** Reduces single-use plastic bottle waste by providing free, clean water refill stations.



Free Drinking Water Project: Though, as the name suggests, providing free drinking water for everyone is one of the main goals, the other main goal is to reduce single-use plastic bottles and push people towards using reusable water bottles.



Specialized Recycling/Upcycling Machinery

The following machines in the Sustainability Workshop enable the precise measurement and transformation of waste materials.

Machine	Primary Use	Products Manufactured
Paper Pulp Machine	To create pulp from waste paper.	Papercrete, Recycled Paper
Pencil Rolling Machine	To roll pencils from paper pulp and graphite.	Recycled Paper Pencils
Pencil Drying Oven	To dry and solidify paper-based products.	Pencils, Papercrete
Pencil Eraser Machine	To attach erasers to pencils.	Finished Pencils
Laser Machine	To cut, engrave, and mark wood and covers.	Notebooks, Signage, Name Tags
Pencil Laser Machine	For detailed printing on small items.	Pencils, Keyrings, Mobile Holders
CNC Machine	For precision cutting of wood and materials.	Mobile Holders, Custom Items
Sanding Machine	To smoothen and finish wood products.	Finished Wood Items
Drill Machine	To create holes for assemblies.	Keyrings, Name Tags
Sewing Machine	To sew fabric from recycled materials.	Fabric Bags, Pencil Cases, Masks

Sustainability Techno Workshop manages all on-site waste recycling. The workshop mainly uses paper, fabric, and wood that would otherwise be thrown out. The campus's paper, fabric, and wood recycling is 100%.

The remaining items that are not processed on site get sent to recycling companies which the university has arranged with. The waste that gets collected from the university to get sent to recycling companies is at 100%.

Almost all university awards, memorials, and gifts are prepared by reused material at Sustainable Campus Workshop. These methods prevent extra paper or plastic usage in the university.



The Sustainable Innovation Center, in cooperation with SSC, creates a constant program to recycle paper waste and make recycled pencils, Paper, Pencil cases, and notebooks.

5 gr of recycled paper is required to produce a pencil (more than 10,000 Pencils per year).

50 gr recycled paper is required to produce a Notebook (more than 2,000 Notebooks per year),

and 100 gr recycled paper is needed to make 1 m² of recycled paper (more than 100 m²).

Free Plastic Zone (Main restaurant, Rectorate office & Nature Café environment)



Extra Charge for Plastic Bags in Shopping Center (Molto Market, University Restaurants)



No Plastic Straw and extra charge for paper straws in all university coffee shops

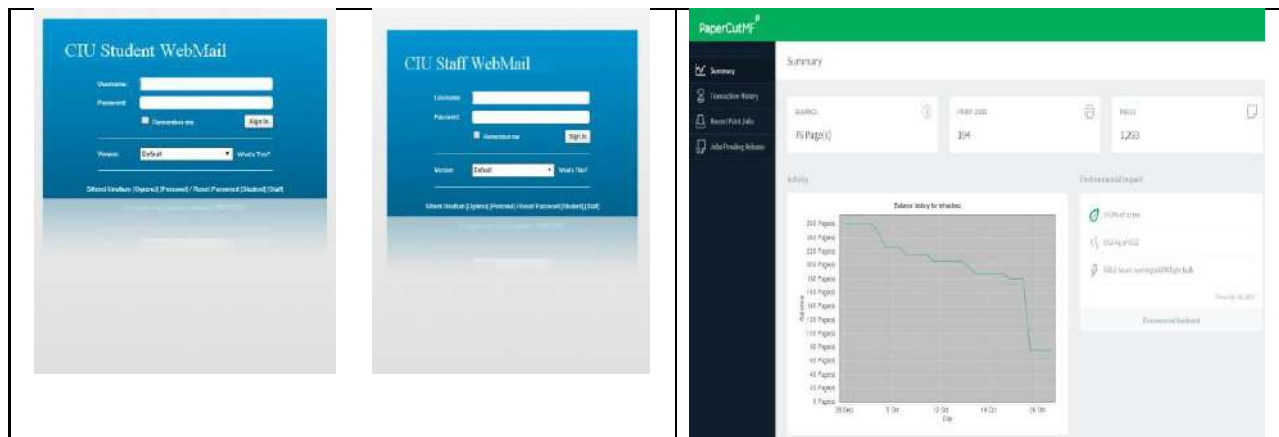


Distribution of Reused and Recycled Products (Fabric Shopping bags, paper pencils, and notebooks)

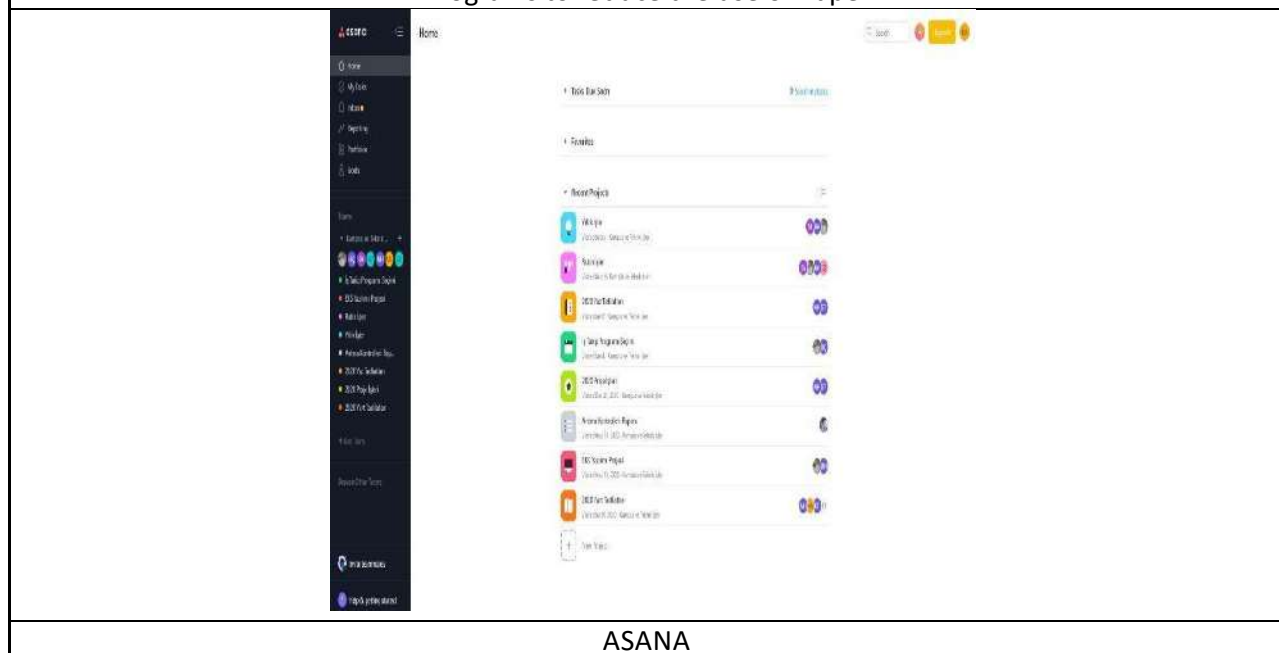


Programs to reduce the use of plastic

Programs to Measure and Reduce Paper Waste



Programs to reduce the use of Paper



ASANA

Some of the available machines for recycling/upcycling on campus

Paper pulp Machine



Products: Papercrete products, Papers

Use: To make paper pulp

Pencil Rolling Machine



Products: Pencils

Use: To Roll pencils

Sewing Machine



Products: Fabric Bags, Notebooks, Pencil cases, Masks, Paper bags
Use: To sew fabric materials.

Pencil Drying oven



Products: Pencils, Paper Crete
Use: To dry pencils and papercrete

Pencil Eraser



Use: To put erasers on pencils.

Laser Machine



Products: Notebooks, Mobile Holders, Sign boards, Name Tags

Use: To print on wood, cut wood, and notebook covers

Pencil Laser Machine



Products: Pencils, Keyrings, Mobile Holder

Use: Print on small wood or products like pencils, key rings, or mobile holders.

CNC



Products: Mobile holders

Sand Machine



Use: To smoothen our wood products.

Drill Machine



Use: To make holes in keyrings, Name Tags, etc.

Partnerships and Community Engagement

CIU extends its waste management impact beyond campus through strategic partnerships:

- KKTCELL & Gonyeli Municipality: Collaboration to collect and recycle external paper waste in the CIU Sustainability Workshop.
- Student & Staff Incentives: Programs that reward the campus community for bringing waste paper and clothes with free recycled products like pencils and notebooks.
- Product Distribution: Items produced from waste are given as gifts to guests or sold at minimal cost, promoting the culture of sustainability.

The university incentivizes pupils to bring their waste papers or clothes to get free offers such as pencils and notebooks.

Leading by Example in Waste Management

In the absence of a specific national regulation, Cyprus International University has proactively established itself as a leading institution in waste management. By meticulously tracking key waste streams, achieving a 100% recycling rate for processed materials, and investing in infrastructure and education, CIU provides a measurable and replicable model for sustainable waste management. The university is committed to continuously improving its data collection and expanding its programs to further reduce its environmental footprint.