Evidence for THE Impact Rankings Questionnaire

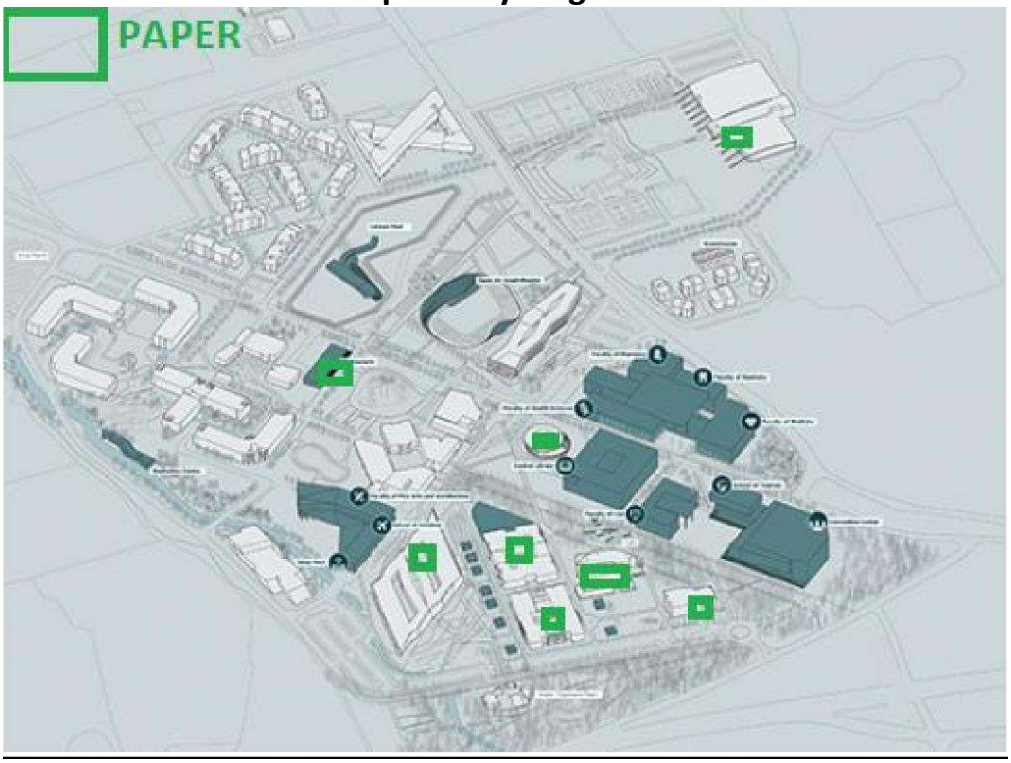
University : Cyprus International University
Country : North Cyprus- Turkey
Web Address : www.ciu.edu.tr

[12]

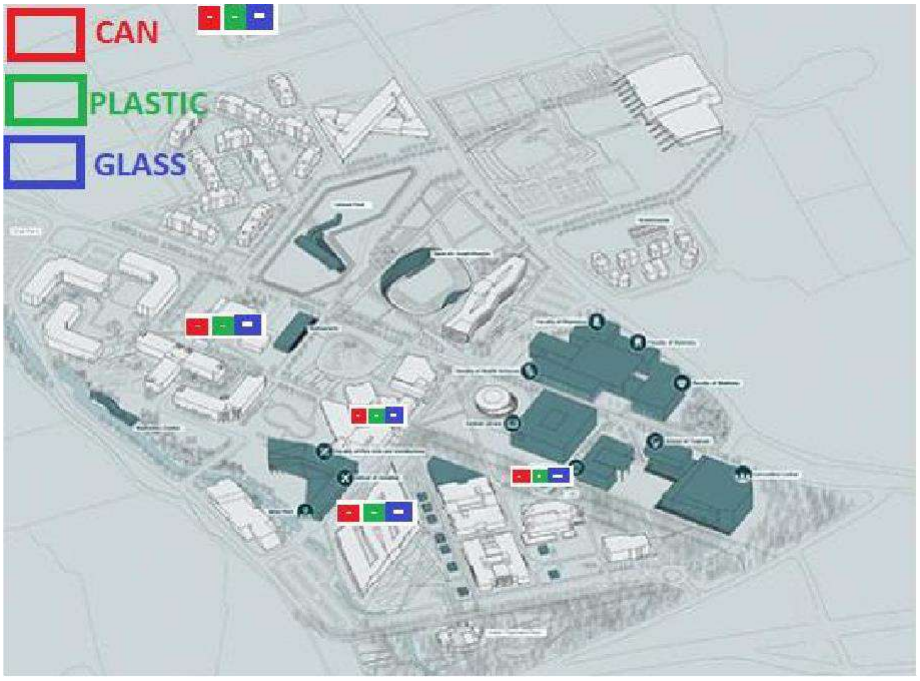
[12.3.1]

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



Recycling and Measurement Programs for University Wastes

Cyprus International University uses a dual-stream recycling plan to collect recyclable waste and send itto local recycling companies.

The recyclables are sorted into three categories: Category 1: paper/cardboard, Category 2: electric waste,and Category 3: metals/glass/plastic/battery/toxic/organic.

Category 1: 100% of paper waste had been collected by campus management students for sustainable campus (SSC) and delivered to the sustainability workshop. The collected amount of garbage throughout the day is around 16.5kg, and all paper wastes are recycled/reused by the campus to produce goods such as pencils and recycled paper. The collected paper waste is around 495kg a month.

In addition to paper waste, more than 70% (350kg) of cardboard was reused by sustainability workshop

CLOTHES DONATION: Fabric recycling is done throught a cooperation with a private company. All second hand clothes collected in the special boxes around of the campus are sent for recycling process to create a budget for cancer patients.

Sustainable Innovation Centre creates a constant program to recycle these papers and make paper-recycled pencils. Approximately 5 gr of recycled paper is required to produce a pencil.

YARD TRIMMING: Campus Management team collects the organic wastes (grasses or leaves) from the total area of CIU campus which is nearly 50 kg/day and sends or reuses to the university greenhouse as mulch andpeat.

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 2022-2023, 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.

KKTCELL is the major communication provider in Cyprus and Turkey, and the Municipality of Gonyeli is one of the most significant cities in Cyprus. We have a new agreement with KKTCELL and the Municipality of Gonyeli, allowing us to collect their paper waste and recycle it in our Sustainability Workshop, turning it into mulch to beused as recycled paper.

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

Waste Posters

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.

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%.

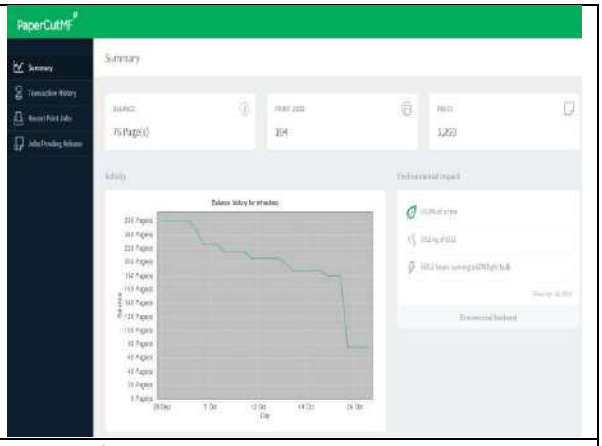
The remaining items that are not processed on site get sent to recycling companies which the university has arranged with. The waste that gets collected from the university to get sent to recycling companies is at 100%.

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.

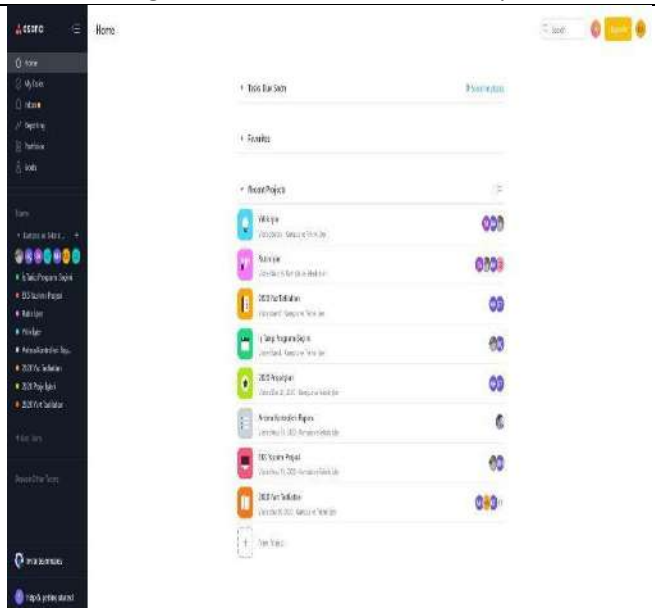
The Sustainable Innovation Center, in cooperation with SSC, creates a constant program to recycle paper waste and make recycled pencils, Paper, Pencil cases, and notebooks.
5 gr of recycled paper is required to produce a pencil (more than 10,000 Pencils per year).
50 gr recycled paper is required to 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 m^2).

Free Plastic Zone (Main restaurant, Rectorate office & Nature Café environment) 	Extra Charge for Plastic Bags in Shopping Center (Molto Market, University Restaurants) Molto
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

Digital Platforms to Reduce the Use of Paper

1- Digital students' letters
2- Online Lab manual as PDF for Students
3- CIU Moodle for Student Courses
4- CIU Student Information System (SIS) software for Staff and Student Services Issue
5- CIU Campus Information System (KBS) software for staff and campus issue
6- CIU Equipment Control System (ECS) software for Campus management issue
7- Electronic Document management system (EBYS) software
8- PaperCutMF program for whole campus staff printing
9- ASANA Programs and team schedule management.

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.