

Evidence for THE Impact Rankings Questionnaire

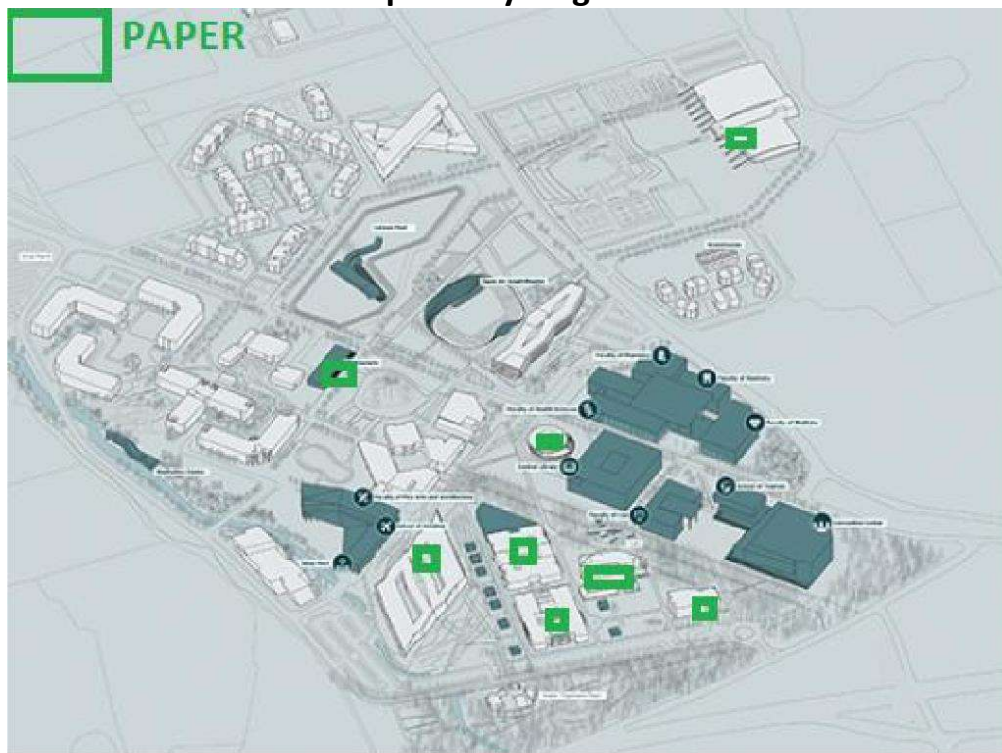
University : Cyprus International University
Country : North Cyprus- Turkey
Web Address : www.ciu.edu.tr

[12]

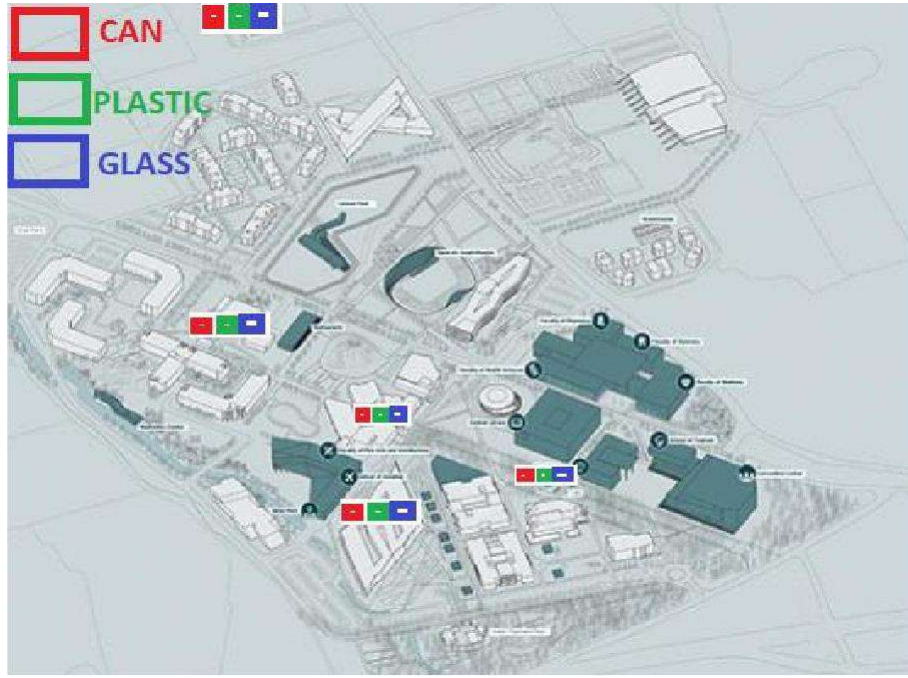
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Below are paper, can plastic, and glass recycling points. Furthermore, Images of some of the machines available for recycling/upcycling on campus are also available below.

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 it to 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 through 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 and peat.

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.



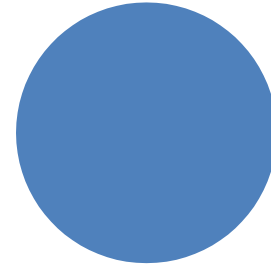
Construction waste: In 2022-2023, 100% of the campus buildings were maintained; this means a large amount of construction waste, such as timber from the OpenAir Performance Arts Center construction, was collected and sent to the Sustainability Workshop to be recycled. As the metal panels used on the 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.

Construction Waste



■ Wood



İstedikleri
Sadece
Bir Kap Yemek
Bir Kap Su



ECZACILAR



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 be used as recycled paper.



 **CYPRUS INTERNATIONAL UNIVERSITY**

 **SSC**
STUDENTS FOR SUSTAINABLE CAMPUS

BRING YOUR JEANS, LEFTOVER FABRIC AND CLOTHES.
Get free notebooks and keyrings



BRING YOUR USED PAPERS,
Get free customized pencils



Contact:
CIU SUSTAINABILITY TECHNO WORKSHOP
Faria Iftikhar : 
Director

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.

BATTERY RECYCLING

Recycling is a way to protect our planet and to keep it clean for the future generations. Good batteries can only be recycled, the most important thing to consider about recycling good batteries is how important it is for the environment.

Recycling batteries can reduce the mining of important resources like zinc, steel and manganese.

Heavy metals in car/bike can potentially leach slowly into soil, surface water or

Dry cell batteries contribute about 88% of the toxic mercury and 50% of the cadmium in the municipal solid waste stream.

DID YOU KNOW ?

Collective and recycling of batteries and accumulators in the European Union and the Member States is increasing significantly with the sustainability awareness.

- In 2017, 62% of portable batteries sold in the EU were collected for recycling.
- In 2017, 200 000 tonnes of portable batteries have sold in the EU, while 100 000 tonnes of waste portable batteries were collected for recycling.

Batteries recycling process!

First you have to collect can you recycle batteries all of them? Yes, you can! The following is a brief description of how each major chemistry of battery is recycled at a recycling facility.

Spent batteries should be removed from the household. Our primary aim is to make it easy and safe for you to bring them to us. Do not store old used and useless items in your house (only recycling bin is not enough).

Our aim is to have the highest recycling rate possible. The recycling rate of portable batteries is 90%.

The recycling process is complex and 70 percent of the battery weight is reusable.

To recycle the batteries there are more than 3000 boxes for collecting the old used batteries on campus, that are located in various places. When these batteries are not collected by governmental company and sent to the recycling process.

PAPER RECYCLING

Recycling is a way to protect our planet and to keep it clean for the future generations. Good paper can only be recycled, the most important thing to consider about recycling good paper is how important it is for the environment.

Recycling paper can reduce the mining of important resources like wood, steel and manganese.

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How Paper Gets Recycled

Paper recycling process!

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CLOTHES RECYCLING

Recycling is a way to protect our planet and to keep it clean for the future generations. Good clothes can only be recycled, the most important thing to consider about recycling good clothes is how important it is for the environment.

Recycling clothes can reduce the mining of important resources like wood, steel and manganese.

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How are clothes recycled

Clothes recycling process

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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 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

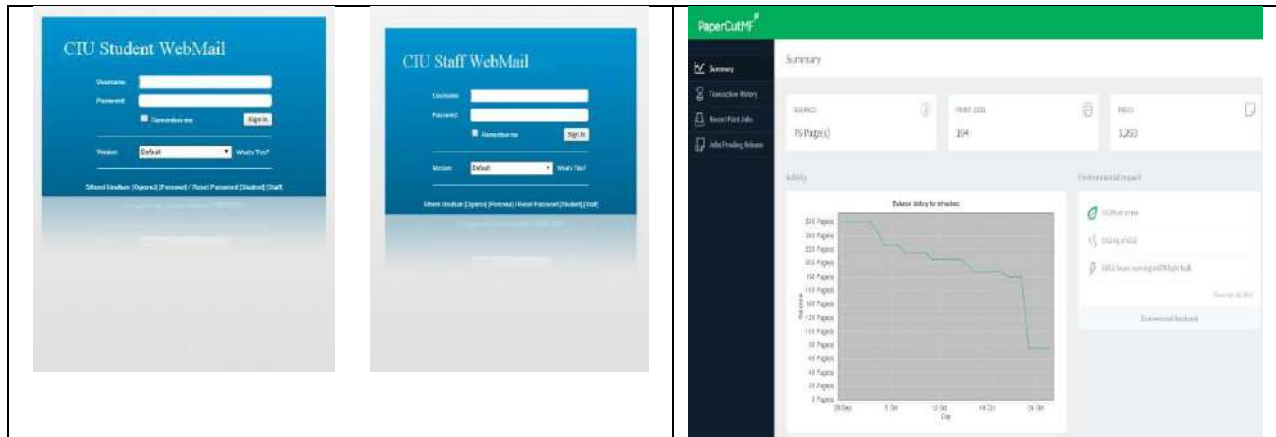


Distribution of Reused and Recycled Products (Fabric Shopping bags, paper pencils, and notebooks)

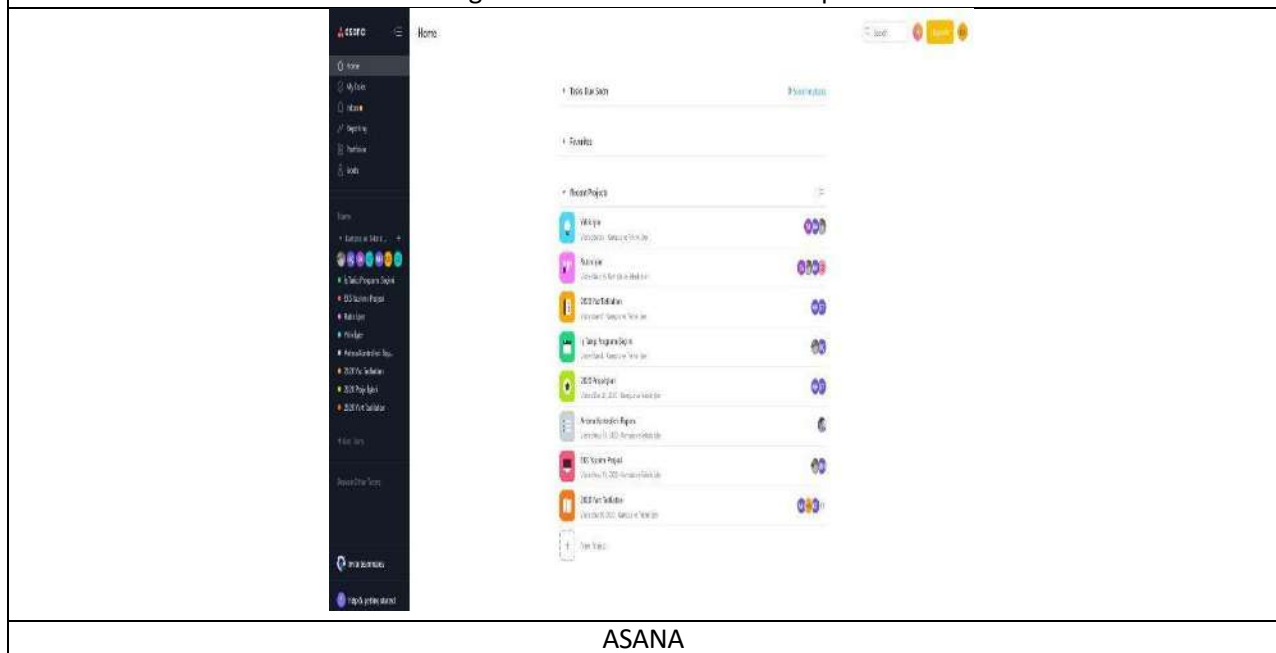


Programs to reduce the use of plastic

Programs to Measure and Reduce Paper Waste



Programs to reduce the use of Paper



ASANA

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.