



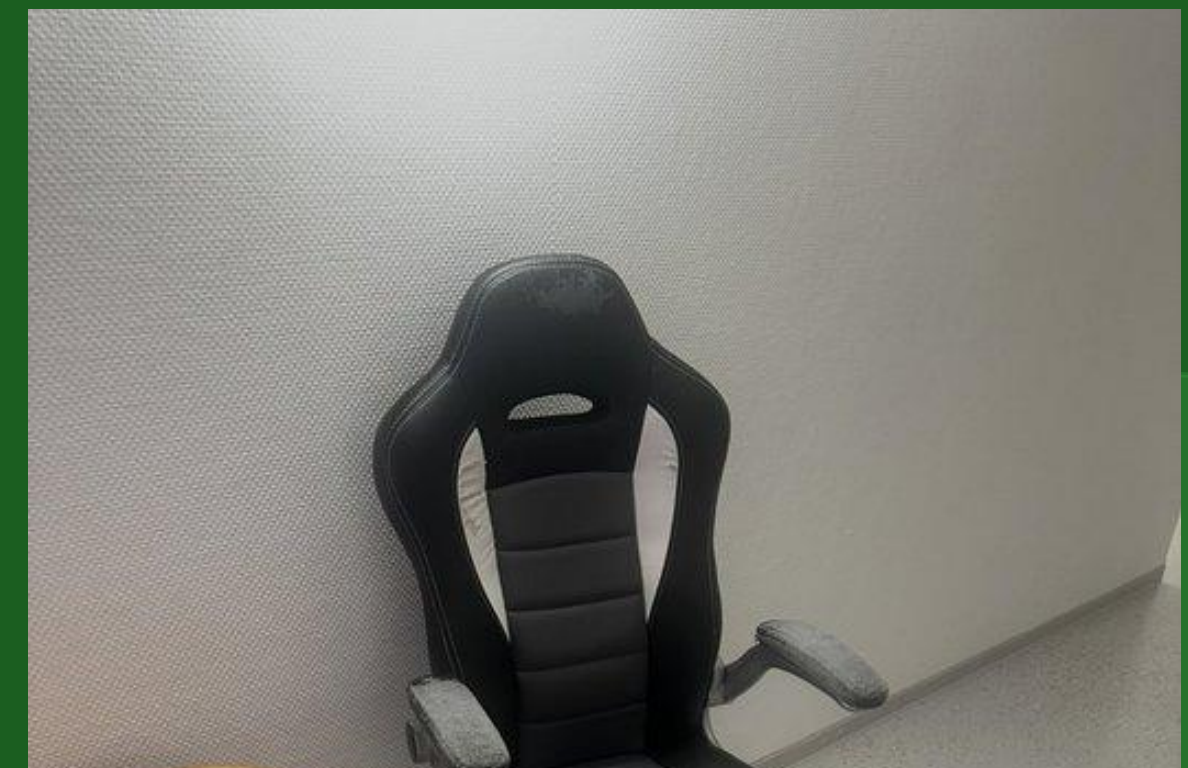
GreenCampus Exchange

The Circular Marketplace for University Dormitories

DINI-Competition 2026 — Prize Entry

Maria Cristovao Maria-da-Conceicao.Cristovao@student.tu-freiberg.de
+49 15213959422

Delight Matika Delight-Kudzai-Davidzo.Matika@student.tu-freiberg.de
+49 2765 3550 576



Real items abandoned in dorm corridors



THE PROBLEM — THIS IS REAL. THIS IS NOW.



Overflowing bins at TU Freiberg dorms



Bags left on the ground — no space in bins



Food containers & waste in dorm hallways



Broken plates — items not cared for because 'going to trash anyway'

Every semester:

-  Bins overflow — waste companies cannot cope with end-of-term peaks
-  Good clothes, plates & electronics left on corridor floors
-  International students fly home with no way to sell or donate
-  Items in perfect condition go straight to landfill

No platform exists for this.

WHAT GETS THROWN AWAY IS NOT TRASH

These items below were found in our dorm — all usable, all abandoned



Air fryer — left on bench



Gaming chair — corridor



Cardboard boxes on bench



Bins full — cannot accept more

KEY INSIGHT: When students know they can SELL or GIVE AWAY their items, they take better care of them from day one.

THREE REAL STORIES — ONE SOLUTION

Pedro — 48h to Departure

Portuguese Erasmus student. Flight to Lisbon in 48h.

BEFORE:

- ✗ Has: hiking backpack, winter coat, 2 textbooks, a fan
- ✗ No platform accepts items this fast in Germany
- ✗ Leaves handwritten 'FREE' sign on corridor floor
- ✗ Nobody picks it up — cleaner discards everything

WITH GreenCampus:

- ✓ Photos in 2 min · Urgent Mode activated
- ✓ 3 messages from interested students in 3h
- ✓ €15 earned · Zero items to landfill
- ✓ 3 students helped

Fatima — Arriving with Nothing

Master's student from Morocco. First week in Berlin.

BEFORE:

- ✗ Budget is extremely tight
- ✗ Needs to furnish a bare dorm room from scratch
- ✗ Spends days scrolling general apps like eBay Kleinanzeigen
- ✗ Everything is too expensive or too far away

WITH GreenCampus:

- ✓ Filters: 'Near me' + 'Free' on GreenCampus
- ✓ 20 minutes of browsing
- ✓ Lamp + cushion + frying pan — 200m walk
- ✓ Total cost: €0

Physics Dept. — 12 Unwanted Chairs

Department head needs to replace 12 office chairs.

BEFORE:

- ✗ Paying a waste company to collect costs time & money
- ✗ Or: chairs sit in storage for months
- ✗ €200+ disposal fee, chairs go to landfill anyway
- ✗ No internal redistribution system exists

WITH GreenCampus:

- ✓ 'Institutional Offer' listing — 2 days
- ✓ All 12 chairs collected by students
- ✓ €0 disposal cost
- ✓ 12 chairs with a second life

THE SOLUTION

GreenCampus Exchange — One platform. Two modes. Instant impact.



GIVE Mode

List items for free

- Photo + category in under 2 minutes
- Students nearby see your item instantly
- Chat within the platform — no phone number shared
- Meet in the dorm lobby to hand over
- Perfect for urgent departures
- Urgent Mode: item highlighted for 48h

Ideal for: departing students, bulky items, quick handovers



SELL Mode

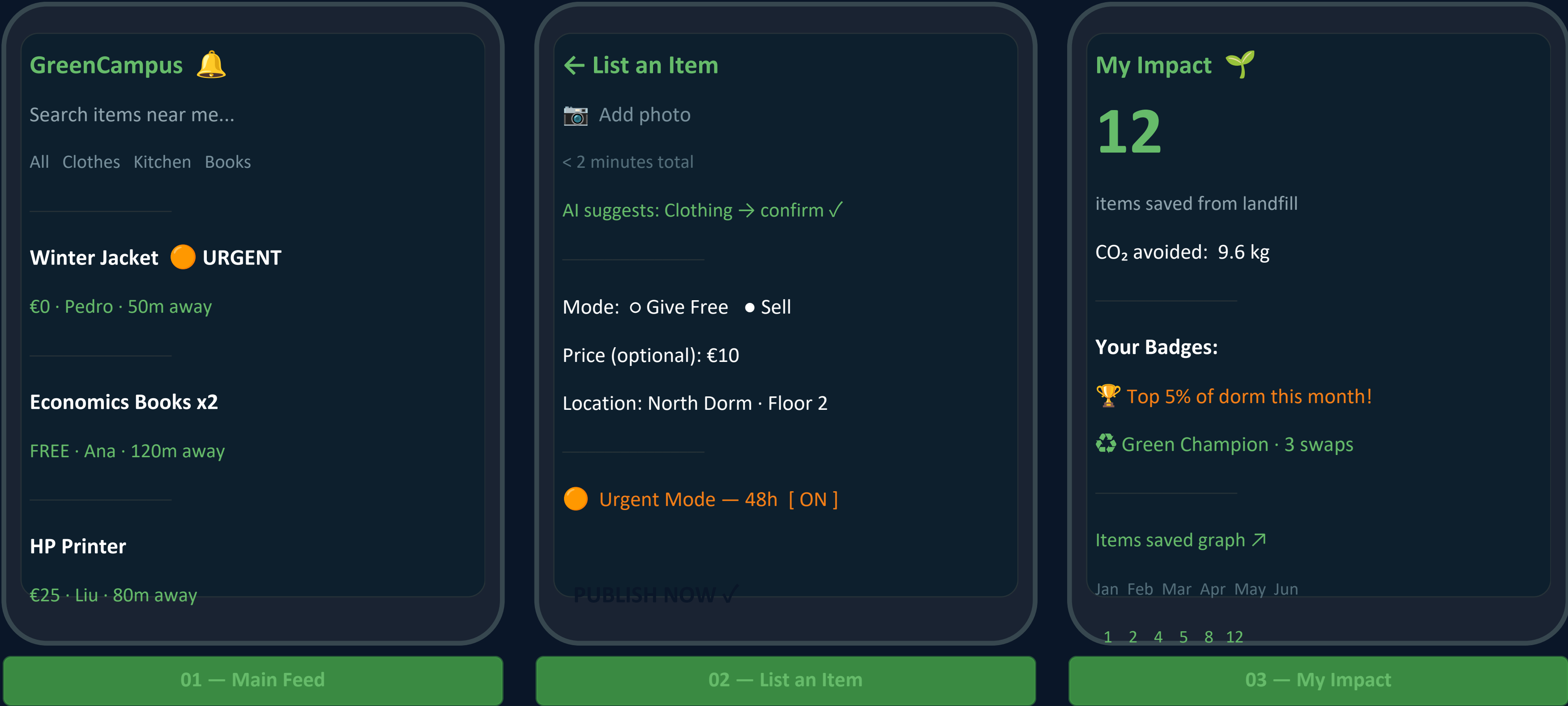
List items at a symbolic price

- Set your own price (e.g. €2 – €50)
- Buyer contacts you via in-app chat
- Transaction in person on campus
- You receive payment directly
- No commission in Phase 1
- Creates incentive to take care of your items

Ideal for: electronics, appliances, clothing, books

PLATFORM PROTOTYPE

Three core screens — zero friction, maximum impact



MEASURABLE IMPACT — ENVIRONMENTAL & SOCIAL

500

items rescued
from landfill

Year 1 target

1,500kg

waste
diverted

Year 1 estimate

2 ton

CO₂ equivalent
avoided

Year 1 estimate

10

campus
expansion

18 month target

ALIGNMENT WITH DINI JURY CRITERIA

★ Innovation

First circular marketplace built exclusively for university dorms. No equivalent exists.

★ Creativity

Behavioural incentive: ownership improves when resale is possible. Invisible innovation.

★ Usability

Listing in < 2 min — tested on real users in Figma prototype. Zero friction design.

★ Transferability

Open-source, multi-language (EN/DE/PT), replicable at any university in 1 day.

18-MONTH ROADMAP

From DINI prize to scalable product — step by step

PHASE 1

Months 1–3

Foundation

- Assemble 7-person team
- Focus groups with 20 students
- Figma prototype
- Pilot university partnership

PHASE 2

Months 4–7

Build

- Backend API + database
- React PWA frontend
- University email auth
- GDPR compliance

PHASE 3

Months 8–13

Pilot

- 50-user closed beta
- Public campus launch
- Impact measurement
- Partnership with sustainability office

PHASE 4

Months 14–18

Scale

- +2 campus expansion
- Open-source release
- EU funding application
- Academic impact report

€5,000 PRIZE ALLOCATION + SUSTAINABILITY MODEL

The DINI prize is the catalyst — not a loan, not an investment. The team contributes hundreds of voluntary hours. Every euro is justified for pilot launch. From Year 2, the platform is self-sustaining through licensing & fees.

Cloud Infrastructure

Vercel + Railway + Cloudinary — 12 months

€600

User Testing

Incentives for focus groups & beta testers

€300

Dev Tools & APIs

Firebase, MapBox, software licences

€800

Legal & GDPR

Privacy policy, terms & conditions

€300

Design & Prototyping

Figma Pro, UI assets, visual identity

€400

Team Recognition

Symbolic grants distributed equitably

€700

Launch Campaign

Posters, flyers, dorm rollups

€500

Contingency (10%)

Buffer for adjustments during pilot

€400

Year 2 revenue streams: University licences (€3–6k) · Transaction fees (€0.50/sale) · Eco-sponsorships · EU Green Deal grants

TEAM · NEXT STEPS · WHY US

MULTIDISCIPLINARY TEAM — 7 PROFILES · 5 NATIONALITIES

General Coordinator

Management / MBA

Strategy & Partnerships

Maria Cristovao
Maria-da-Conceicao.Cristovao
@student.tu-freiberg.de
+49 15213959422

Tech Lead

Computer Engineering

Backend & Architecture

Frontend Dev

Computer Science

React PWA & UX

Environmental Spec.

Environmental Sciences

LCA & CO₂ Metrics

UX/UI Designer

Communication Design

Figma & Visual Identity

Community Manager

Social Sciences

Ambassadors & Outreach

Delight Matika
Delight-Kudzai-Davidzo.Matika
@student.tu-freiberg.de
+49 2765 3550 576

Legal / GDPR

Law

Privacy & Compliance

✓ Lead applicant enrolled at a German university — DINI eligibility confirmed greencampus@universidade.de

"Every semester, the corridors tell the same silent story. GreenCampus Exchange gives that story a different ending."