

New Initiatives Subcommittee

Ricardo Vargas, Chair

- **Expand/ Rework EV Charging Stations**
 - o Green tag for mirror to be allowed to use EV? (Dissuade non-faculty/ staff from using EV charging stations)
 - o Collaborate with Facilities/FPL to expand charging options on our campuses.
 - o Solar integration: shaded roofs over EV parking lots with solar panels attached
- **Outdoor Learning Labs**
 - o Pollinator garden
 - o Rain Garden
 - o Sustainability Demo Plots!
 - o Rock Garden (placeholder) decorated by EVR1001 students to spread environmentally friendly messages?
- **Transportation**
 - o Expanded bike racks
 - o E-bike charging stations
 - o Shaded walkways to promote walking/ cycling
 - o Shuttle services for students without a car
 - o Carpool incentives for students and staff/ faculty with cars

Member	Top Two Initiatives	Next Steps
Kieron Prince	1. Implementing green tags and/or ERG group to manage EV charging access 2. Expanding EV Charging Access in collaboration with Facilities/FPL	1. Talk with Facilities about previous installed chargers and the feasibility of expansion 2. Talk with Campus Safety about enforcement of parking rules and initiating a program with designated parking/decals for EV users.
Ricardo Vargas	1. Electronic Recycling Program (utilizing existing recycling program and expanding this to the wider college community)	1. Reach out to IT to determine what the current process for recycling e-waste is. Met with IT and we are working on it. We'll probably use the Tech Center at central as a drop off point.
Walter Aguilera-Valdes	1. Communal Plots / Community Garden 2. Single-use plastic ban (especially for water) and expanding water fountain access + reusable BC water bottles. // Replace plastic cups in staff/ faculty areas with paper cups.	1. Reach out to David Serrano. No reply yet – pending (CC Jonelle) 2. Address feasibility with Committee members. Meeting on 11/24

Environmental and Sustainability Committee

New initiatives subcommittee

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Project Proposal: Centralized Campus E-Waste Management Initiative

1. Executive Summary

This initiative proposes the establishment of a secure, centralized e-waste collection point at the **Tech Support Center (Central Library)**. By integrating existing IT workflows with facilities logistics, this program aims to divert hazardous electronic waste from landfills and capture potential revenue streams through responsible asset disposition.

2. Core Objectives

- **Environmental Stewardship:** Align with the university's sustainability goals by ensuring 0% of campus electronics end up in landfills.
- **Asset Security & Tracking:** Utilize a ticketing system to maintain a "chain of custody" for devices, ensuring data is destroyed and assets are accounted for.
- **Value Recovery:** Generate potential revenue (or reduce disposal costs) through the recycling vendor's "buy-back" or raw material recovery programs.

3. Operational Workflow

This plan utilizes existing infrastructure (Tech Center & Warehousing) to minimize new overhead.

Step 1: Initiation & Tracking (The "Digital Paper Trail")

- **For Staff/Faculty/Students:** The user initiates a standard IT Work Ticket (Category: *Asset Disposal*). This logs the asset tag and serial number for inventory removal..

Step 2: Collection Point

- **Location:** Tech Support Center (Library).
- **Infrastructure:** Secure, lockable collection bins located within sight of Tech Center staff to prevent unauthorized removal.

Step 3: Logistics & Warehousing

- **Transfer:** When bins reach capacity, Tech Center staff update the ticket to notify **Warehousing/Facilities**.

- **Aggregation:** Warehousing staff transport items to the central loading dock for palletization. This removes clutter from the library and centralizes pickup.

Step 4: Vendor Disposition

- The contracted E-waste partner (A1 Assets) collects pallets from the warehouse.
- Vendor provides a **Certificate of Destruction** (for data security) and a **Sustainability Report** (weight diverted, carbon saved).

4. Strategic Benefits

Category	Benefit Detail
Sustainability	directly reduces the campus carbon footprint and prevents toxic leaching (mercury/lead) in local landfills.
Financial	The university benefits from Asset Value Recovery . The recycling partner rebates the university for high-value scrap (copper, gold, rare earth metals) recovered from the waste stream.
Compliance	The ticketing system creates an audit-proof record of asset disposal, essential for grant-funded equipment and university property audits.

5. Required Resources

- **Space:** 4 sq. ft. in the Tech Support Center for the secure bin.
- **Staffing:** Utilization of existing Warehousing labor for periodic internal transport (estimated 1 hour/week).

E-WASTE COLLECTION INITIATIVE



RESPONSIBLY RECYCLE YOUR PERSONAL ELECTRONICS



RECYCLABLE ITEMS:



- Laptops and Chargers



- Cellphones and Tablets



- Keyboards and Mice



- Portable Device

DATE AND TIME

Collection is ongoing during operational hours:

Monday – Thursday | 8:00 AM – 7:00 PM.
Friday | 8:00 AM – 4:00 PM.

CONTACT

Phone: 954-201-4357

ATTENTION:

By participating, you agree to the following:

DATA SECURITY: You are SOLELY RESPONSIBLE for erasing ALL PERSONAL DATA from all devices before drop-off. Broward College and its partners assume no liability for data remaining on surrendered equipment.

FINALITY OF SURRENDER: Once you surrender equipment, it CANNOT BE RETRIEVED. All items become the property of the recycling partner.



LOCATIONS

- A. Hugh Adams Central Campus
Library | Bldg. 17 | Rm. 122
(Tech Support Center)
- Judson A Samuel South Campus
Bldg. 72 | Lobby (Tech Support Center)
- North Campus
Bldg. 46 | Rm. 114 (Tech Support Center)

A sustainability Project of Broward College in partnership with Information Technology

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