

Ambitious Goal

Establishing a university-wide culture committed to waste prevention and minimization through the adoption of circular economy principles, aiming to achieve a zero-waste campus by the year 2050.

Objectives

1. Develop educational initiatives to raise awareness and promote understanding of circular economy principles among students, faculty, and staff.
2. Implement waste reduction and recycling programs across campus infrastructure and operations, emphasizing resource efficiency and reuse.
3. Foster collaboration with external partners, industries, and communities to exchange knowledge and best practices in circular economy implementation and waste management.

Actions

1. Create workshops, seminars, and webinars focusing on circular economy principles, featuring guest speakers and experts.
2. Incorporate circular economy topics into existing courses across various disciplines.
3. Establish a dedicated online platform or portal for sharing resources, case studies, and success stories related to circular economy practices.
4. Organize campus-wide events such as sustainability fairs or symposiums to engage the entire university community in discussions and activities centered around circular economy concepts.
5. Conduct waste audits to identify areas of improvement and set specific waste reduction targets.
6. Establish a comprehensive recycling program, including the installation of recycling bins in strategic locations across campus and providing clear signage for proper waste sorting.
7. Implement initiatives to minimize single-use plastics and promote reusable alternatives, such as reusable water bottles and food containers.
8. Encourage departments and offices to adopt paperless practices and digital documentation to reduce paper waste.
9. Partner with local recycling facilities or companies to ensure effective waste collection and processing.
10. Forge partnerships with local businesses, non-profit organizations, and government agencies to share expertise and resources in circular economy initiatives.

11. Organize joint research projects or collaborative workshops with industry partners to address specific challenges related to waste management and circular economy implementation.
12. Participate in regional or national networks focused on sustainability and circular economy to stay updated on emerging trends and opportunities for collaboration.
13. Engage with surrounding communities through outreach events, volunteer programs, and educational campaigns to promote sustainable practices beyond the campus boundaries.

Key Performance Indicators

1. Amount of waste diverted from landfills.
2. Reduction in amount of total waste.
3. Level of cleanness of campus spaces and areas.
4. Percentage of each waste stream of total waste generated.

Alignment with Sustainability Development Goals

This Action Plan aligns with UN Sustainable Development Goals:

1. SDG 7 Affordable and Clean Energy
2. SDG 9 Industry, Innovation and Infrastructure
3. SDG 11 Sustainable Cities and Communities
4. SDG 12 Responsible Consumption and Production
5. SDG 13 Climate Action

Alignment with JUST Strategic Plan 2022-2026

This Action Plan aligns with JUST Strategic Goal 5 University environment and infrastructure.

Challenges

1. Financial resources
2. Lack of available data on solid waste composition
3. Existing behavior and culture