

Ambitious Goal

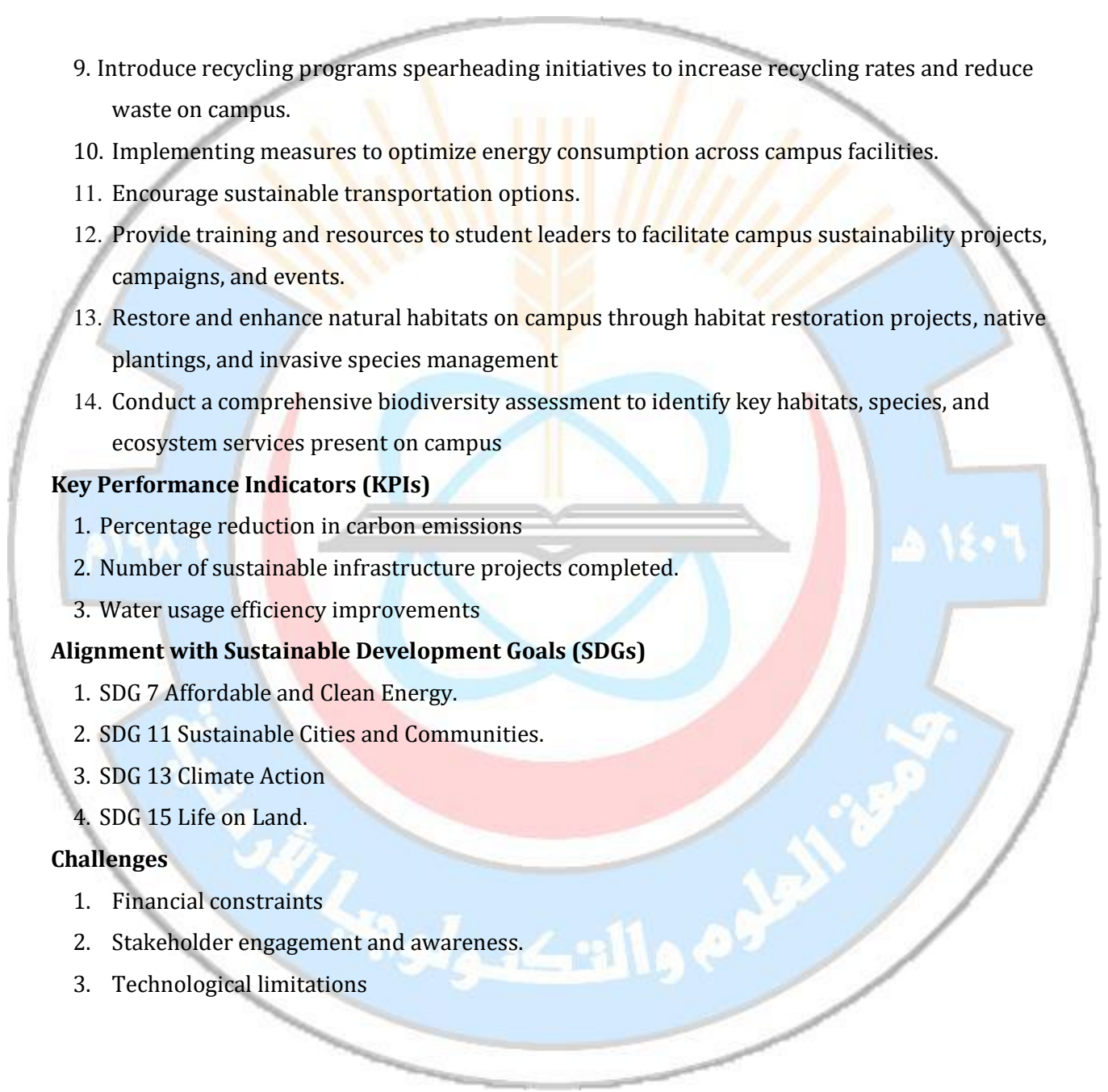
Establish JUST as a model for climate-resilient campuses by achieving carbon neutrality by 2050 and enhancing adaptive capacity to climate change impacts through comprehensive adaptation measures.

Objectives

1. Enhance campus infrastructure resilience.
2. Transition to renewable energy sources and increase energy efficiency.
3. Implement sustainable transportation options.
4. Foster community engagement and education.
5. Implement water conservation and management strategies.
6. Protect and enhance biodiversity on campus.

Actions

1. Conduct climate vulnerability assessments in accordance with Greenhouse Gas (GHG) and Intergovernmental Panel on Climate Change (IPCC) protocols and guidelines and in alignment with National Climate Change Policy 2022-2050.
2. Establish partnerships for knowledge exchange.
3. Implement measures to enhance the resilience of campus infrastructure against climate-related hazards, such as extreme weather events, floods, and heatwaves, ensuring minimal disruption to operations and safety of occupants
4. Conduct a comprehensive water audit to assess campus water usage patterns, identify opportunities for water conservation, and prioritize water-saving measures
5. Implement water-efficient technologies and practices, such as low-flow fixtures, water-efficient landscaping, and leak detection and repair programs, to reduce water consumption and minimize water waste
6. Implement sustainable water management practices to conserve water resources, reduce water consumption, and mitigate risks associated with water scarcity and flooding through rainwater harvesting, graywater recycling, and efficient irrigation systems.
7. Incorporate sustainable design principles. Ensuring that sustainability is a core consideration in all aspects of campus planning and development.
8. Implement green building standards. Adhering to recognized green building standards to create environmentally responsible structures.

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9. Introduce recycling programs spearheading initiatives to increase recycling rates and reduce waste on campus.
 10. Implementing measures to optimize energy consumption across campus facilities.
 11. Encourage sustainable transportation options.
 12. Provide training and resources to student leaders to facilitate campus sustainability projects, campaigns, and events.
 13. Restore and enhance natural habitats on campus through habitat restoration projects, native plantings, and invasive species management
 14. Conduct a comprehensive biodiversity assessment to identify key habitats, species, and ecosystem services present on campus

Key Performance Indicators (KPIs)

1. Percentage reduction in carbon emissions
2. Number of sustainable infrastructure projects completed.
3. Water usage efficiency improvements

Alignment with Sustainable Development Goals (SDGs)

1. SDG 7 Affordable and Clean Energy.
2. SDG 11 Sustainable Cities and Communities.
3. SDG 13 Climate Action
4. SDG 15 Life on Land.

Challenges

1. Financial constraints
2. Stakeholder engagement and awareness.
3. Technological limitations