

Ref: EWU/IQAC/Policy/59/25(11)



EAST WEST UNIVERSITY

Carbon Emission Policy of East West University

2024

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1. Introduction

East West University (EWU) is dedicated to promoting sustainability and environmental stewardship. As a prominent academic institution, we acknowledge the pressing need to address climate change by minimizing our carbon footprint. This policy articulates our strategic approach to measuring, reducing, and offsetting carbon emissions while fostering a culture of sustainability across the university community.

2. Scope

This policy encompasses all university operations, including but not limited to campus infrastructure, transportation, energy consumption, procurement, and waste management. It applies to faculty members, staff, students, and external stakeholders involved in university-related activities.

3. Objectives

- a. To reduce the university's carbon footprint through energy-efficient and sustainable practices.
- b. To promote the adoption of renewable energy sources.
- c. To integrate sustainability principles into academic curricula and research initiatives.
- d. To actively engage students, faculty, and staff in climate action programs.
- e. To ensure compliance with national and international environmental standards.
- f. To establish a comprehensive monitoring and reporting framework for carbon emissions.

4. Carbon Reduction Strategies

4.1 Energy Efficiency and Renewable Energy

- a. Transition to renewable energy sources such as solar and wind where feasible.
- b. Enhance energy efficiency through the adoption of LED lighting, energy-efficient appliances, and smart building technologies.
- c. Encourage responsible energy consumption behaviors (e.g., switching off unused electrical devices and air conditioning units).
- d. Implement sustainable building standards for new constructions and renovations.

4.2 Sustainable Transportation

- a. Encourage the use of public transportation, cycling, and walking for daily commutes.
- b. Introduce university-operated electric or hybrid shuttle services.
- c. Promote carpooling initiatives and incentivize eco-friendly transportation choices for faculty and staff.
- d. Develop infrastructure to support electric vehicle (EV) charging stations on campus.

4.3 Waste Management and Recycling

- a. Implement a zero-waste policy, supported by comprehensive recycling and composting initiatives.
- b. Reduce reliance on single-use plastics and encourage sustainable alternatives.
- c. Install designated waste segregation bins across campus to ensure proper waste disposal.
- d. Conduct awareness campaigns on responsible waste management and reduction.

4.4 Sustainable Procurement

- a. Establish a green procurement policy that prioritizes environmentally friendly products and services.
- b. Source office supplies, electronics, and furniture from ethical and sustainable suppliers.
- c. Minimize paper consumption by promoting digital documentation and double-sided printing.

4.5 Water Conservation

- a. Install water-efficient fixtures in university buildings to minimize water wastage.
- b. Encourage rainwater harvesting and implement nature-based wastewater treatment solutions.
- c. Educate students and staff on best practices for water conservation.

4.6 Green Infrastructure and Landscaping

- a. Expand green spaces and tree plantations on campus to enhance carbon sequestration.
- b. Design energy-efficient and environmentally friendly buildings in alignment with sustainable architectural principles.
- c. Utilize permeable pavements and green roofs to mitigate the urban heat island effect.

4.7 Research and Innovation in Sustainability

- a. Foster research initiatives centered on climate change mitigation and sustainable development goals.
- b. Provide funding and institutional support for student-led environmental sustainability projects.
- c. Incorporate climate awareness and carbon reduction strategies into academic programs.

4.8 Awareness and Capacity Building

- a. Organize workshops, seminars, and awareness programs on sustainability and carbon reduction.
- b. Integrate sustainability training into faculty and staff development programs.
- c. Support student-led initiatives and clubs focused on climate action and sustainability.

5. Carbon Emission Monitoring and Reporting

- a. Establish a dedicated sustainability committee to oversee and assess the university's carbon footprint.
- b. Conduct annual carbon footprint assessments and publish sustainability reports.
- c. Define measurable carbon reduction targets and monitor progress regularly.

6. Compliance and Review

- a. Ensure adherence to local and international environmental regulations.
- b. Periodically review and update the policy to incorporate advancements in sustainability practices and technology.

- c. Collaborate with government agencies, non-governmental organizations, and environmental institutions to strengthen sustainability initiatives.

7. Conclusion

This policy underscores EWU's commitment to environmental responsibility and carbon emission reduction. Through the effective implementation of this policy, EWU aspires to be a leader in sustainability among higher education institutions in Bangladesh. By fostering sustainable practices, pioneering innovative research, and engaging with the broader community, EWU aims to set a benchmark for academic institutions in the fight against climate change.

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