The Hong Kong Polytechnic University

Sustainable Infrastructure Policy

General Statement

The Hong Kong Polytechnic University (PolyU) is committed to enhancing the sustainability performance of its campus and to adopting environmentally-responsible methods in the future development of the campus. Careful considerations are given with respect to minimizing disruptions to the environment, the efficient use of resources, the mobility of people, effective spatial arrangements, reduction in waste production and carbon emission, effluent and exhaust control in tandem with maintenance of human health, and cost-effectiveness throughout the lifecycle of developments.

Goals

The goals of the policy are:

1. To obtain green building recognition, where appropriate, e.g. BEAM Plus, LEED, for capital projects and major alteration and additions works; and
2. To develop an environmentally-friendly campus that enhances teaching, learning and provides a balanced ambience for the well-being of all PolyU stakeholders.

Implementation

PolyU will:

1. Consider and address throughout the life-cycle of all campus developments, issues related to design planning, construction, operations and maintenance, renovation, deconstruction, mobility of people and human health as far as practicable so that its campus is developed in an environmentally-responsible manner with barrier free access and pedestrian priority on campus in compliance with green building recognition, such as BEAM Plus, LEED, or equivalent as far as practicable.

2. Adopt a holistic approach in assessing and reducing the life-cycle carbon emissions of all campus development projects at early planning and design stage. Both embodied and operational carbon emissions for new development shall be minimised as far as practicable.

3. For projects and works that require demolition, prioritise reuse and recycling of existing building materials to minimise waste sent to landfills and reduce the adverse environmental impact associated with producing new materials.

4. Apply self-developed Key Performance Indicators (KPI) to assess the environmental friendliness of major developments on campus. Additionally, the University will formulate and regularly review all its operations and maintenance programmes with a view to maintaining building

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performance standards relating to energy efficiency, water conservation, carbon reduction, indoor air quality and waste reduction.

5. Actively promote sustainable development within the University community as well as the wider community.

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