

1.0 POLICY

Grant MacEwan University is committed to sustainability and responsible stewardship throughout the “whole life cycle” of its campuses. It provides a healthy and safe environment that is conducive to learning, working and service to the community. MacEwan will plan, design, construct, operate, renovate and maintain its facilities in a responsive and sustainable manner; and, at the life cycle conclusion, MacEwan will likewise decommission, deconstruct and/or dispose of its facilities in a sustainable manner.

2.0 RATIONALE AND GUIDING PRINCIPLES

2.1 Purpose

The purpose of this policy is to provide a foundation and direction for other policies, regulations and procedures on decisions and actions related to the “whole life cycle” of MacEwan facilities.

2.2 Rationale and Guiding Principles

MacEwan recognizes the fundamental interrelationship of its environmental, social and economic imperatives; it will effectively balance consideration of these matters in decisions and actions related to the “whole life cycle” of its facilities and in responding to services requests from members of the MacEwan community.

3.0 SCOPE AND DEFINITIONS

3.1 Scope

This policy applies to all employees whose responsibilities include planning, designing, constructing, renovating, maintaining, operating and/or disposing of University-owned or leased facilities.

3.2 Definitions

3.2.1 **Decommission** is removing an item, for example an air conditioning unit or a complete building, from service.

3.2.2 **Deconstruction**, in the context of facilities whole life cycle, is the selective dismantlement of building components, specifically for re-use, recycling, and waste management.

3.2.3 **Environment** is one’s surroundings - the combination of conditions that affect and influence growth, development, and survival.

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- 3.2.4 **Executive officer** means the president, vice presidents and equivalent positions.
- 3.2.5 **Facilities** are things built, installed or established to serve a particular purpose.
- 3.2.6 **LEED™** is an acronym for Leadership in Energy and Environmental Design.
- 3.2.7 **MacEwan campus** is the buildings, facilities, land, roads, fittings, fixtures, equipment and possessions of MacEwan.
- 3.2.8 **Members of the MacEwan community** are those persons involved in conducting University affairs or using University property (all students, employees, contractors, and all visitors while they are on University property or are using University property).
- 3.2.9 **Officer** means the president, vice presidents and equivalent positions, deans, directors and equivalent positions.
- 3.2.10 **Procurement** is the acquisition of goods and/or services through a defined process and criteria. Procurement involves the full process from tender, to contract execution, to delivery of goods and/or services.
- 3.2.11 **Social factors**, for the purpose of this policy, means those attitudes and behaviours held by the MacEwan community with respect to environmental sustainability.
- 3.2.12 **Sustainability** is the practice of managing human and ecological systems in accordance with our global responsibility to conserve and restore the environment while advancing social equity (see policy D6000 Sustainability).
- 3.2.13 **Whole Life Cycle** is a concept of understanding everything associated with an item from its beginnings to its end, sometimes referred to as 'cradle-to-grave'.

4.0 REGULATIONS

- 4.1 To meet its design, environmental and sustainability objectives MacEwan shall:
 - 4.1.1 Ensure LEED standards are applied;
 - 4.1.2 Monitor, review and optimize service response and delivery by the department responsible for facilities;
 - 4.1.3 Monitor, review and optimize the use of resources;

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- 4.1.4 Monitor, review and reduce environmental pollutants;
 - 4.1.5 Follow procurement strategy and use a procurement approach that aligns with procurement policy (see policy D4000 Procurement);
 - 4.1.6 Comply with government-mandated and Canada Green Council, environmental and sustainability codes of practice; and
 - 4.1.7 Effectuate an action plan for rapid implementation of new codes related to its facilities.
- 4.2 Through education and training, MacEwan will encourage a campus culture that is aware of the environmental, social and economic factors influencing decisions and actions related to its facilities.
 - 4.2.1 MacEwan shall promote environmentally sound practices across its campuses.
- 4.3 All construction, renovation and deconstruction proposals and activity shall consider Whole Life Cycle costs in project estimates.
- 4.4 The executive officer responsible for University Services is accountable for executive oversight of this policy.
- 4.5 The officer responsible for University facilities is responsible for the implementation of this policy and related procedures, legislation, codes, standards, and LEED practices for a sustainable campus.
- 4.6 Responsibility for compliance with MacEwan policies and procedures extends to all members of the MacEwan community. Non-compliance may create risk for MacEwan and will be addressed accordingly (see clause 4.5.1 "Respect for the law and University governance" of the University's policy D1200 Code of Conduct – Employees for additional guidance).

FACT SHEET

Relevant Dates:

Approved:	2010.02.18
Effective:	2010.02.18
Next Review:	2015.02

Source

Modification History

2010.02.18

New foundational policy approved by Board Motion 01-02-18-2009/10.

Accountability:

Office of Accountability: Vice President, University Services

Office of Administrative Responsibility: Director, Facilities

Approval Authority: Board of Governors

Contact Area: Facilities

Authority: MacEwan will comply with applicable [Government legislation](#), municipal bylaws, zoning restrictions and Alberta Building Codes in consideration of LEED principles espoused by the [Alberta Chapter](#) of the Canada Green Building Council for sustainability in the whole life cycle of its facility and campus. This policy is guided by the principles of the [Talloires Declaration](#), the [Halifax Declaration](#), the [Canada Green Building Council](#) and the environmental beliefs expressed in the [Creed of Dr. J.W. Grant MacEwan](#).

References and Acknowledgements:

Alberta Building Code:

http://www.municipalaffairs.gov.ab.ca/documents/ss/Code_info_sheet.pdf

The Talloires Declaration: University Presidents for a Sustainable Future.

<http://www.iisd.org/educate/declarat/talloire.htm>

The Halifax Declaration: <http://www.iisd.org/educate/declarat/halifax.htm>

Canada Green Building Council: <http://www.cagbc.org/>

University of Cambridge: The Design and Construction of Environmentally Sustainable New Buildings

<http://www.admin.cam.ac.uk/offices/environment/guidance/building.html#heading2.0>

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The Office of Government Commerce (OGC)

http://www.ogc.gov.uk/procurement_documents_policy_and_standards_framework.asp

Related and Associated Matters:

Associated Policies and Procedures: D5010 Facilities Project Management, D5020 Facilities Access and Accommodation, D5030 Insurance and Risk Transfer, D5040 Campus Security, D5050 Facilities Operations and Maintenance, D5060 Facilities Logistics, D5070 Facilities Planning and Design, D5080 Space Management, D5090 Smoking in University Facilities

Related Policies: D6000 Sustainability, D4000 Procurement, E3400 Students with Disabilities, D7030 Emergency Preparedness