



## Sustainable Built Environment Designs Policy

<b>Responsible Officer</b>	Executive Director, Infrastructure Services and Development
<b>Approved by</b>	Council
<b>Approved and commenced</b>	March, 2015
<b>Review by</b>	March, 2018
<b>Relevant Legislation, Ordinance, Rule and/or Governance Level Principle</b>	Governance Level Principle 9 – Environmental Management Governance Level Principle 10 – Built Environment <i>ABCB: Building Code of Australia</i> <i>National Greenhouse and Energy Reporting Act 2007 (Cth)</i> <i>Environmental Protection and Biodiversity Conservation Act 1999 (Cth)</i> <i>Energy Efficiency Opportunities Act 2006 (Cth)</i> <i>Environmental Management and Pollution Control Act 1994 (Tas)</i> <i>Workplace Health and Safety Act 2012</i>
<b>Responsible Organisational Unit</b>	Infrastructure Services and Development

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## **1 Objective**

The objective of this Policy is to embed adherence to Environmental Sustainable Design (ESD) principles in the development of the University's built environment to ensure that development is both environmentally and economically sustainable. This will be achieved by requiring that:

- all new and/or refurbished built environments are to be designed in accordance with Environmental Sustainable Design (ESD) principles to deliver demonstrable benefits in terms of environmental sustainability and operating costs and
- major building projects identified by the Built Environment and Infrastructure Committee (BEIC) as requiring Green Star certification are designed to attain the maximum Green Star rating practicably achievable, as determined by the Committee.

## **2 Scope**

This policy applies to all University staff, consultants and contractors engaged in the design and delivery of new and/or refurbished built environments on university campuses.

## **3 Policy Provisions**

### **3.1 General**

The University is committed to developing sustainable campuses by incorporating ESD principles in all new or refurbished built environments, including undertaking assessment using the Green Building Council of Australia (GBCA) Green Star environmental assessment (education) rating tool.

### **3.2 Incorporation of ESD Principles**

ESD principles shall be incorporated into all aspects of the built environment and should include, but not be limited to, measures to:

- improve energy efficiency and reduced overall energy use
- increase resource recovery and reduce waste to landfill
- improve water efficiency and reduce overall water use
- reduce waste and pollution, including greenhouse gas emissions;
- reduce resource consumption
- encourage use of sustainable transport and
- improve environmental and social outcomes from procurement and contracting activities.

The design team shall prepare an ESD Design Brief that includes

- an outline of the ESD principles to be adopted in the design;
- details of verification measures
- a description of related impacts;and
- an estimate of the expected lifecycle savings/project payback period.

The design team will also prepare project discussion papers, as required.

For major projects, an environmental sustainability consultant shall be engaged as a member of the project design team for the duration of the project.

Projects shall be managed to ensure that any construction variations do not impact adversely upon:

- planned ESD features
- related verification measures
- anticipated benefits and/or
- achievement of the agreed Green Star assessment rating.

#### 4 Responsibilities

The **Built Environment and Infrastructure Committee (BEIC)** is responsible for:

- considering, reviewing and advising Council on the development, approval and implementation of this Policy; and
- reviewing building projects proposed for delivery in the context of the annual capital plan, to determine:
  - which projects require Green Star certification and
  - on a case-by-case basis, the level of Green Star certification to be attained by each project.

The **Senior Management Team's Sustainability Committee** will liaise with and support the BEIC as required on project monitoring and evaluation.

The **Executive Director, Infrastructure Services and Development** is responsible for implementation of this Policy.

**Infrastructure Services and Development**, through its Built Environment and Design, Facilities Management, and Strategy, Policy and Governance Units, is responsible for ensuring compliance with this Policy by all University staff, consultants and contractors involved in built environment projects.

#### 5 Definitions and Acronyms

<b>Term/Acronym</b>	<b>Definition</b>
<b>ABCB</b>	Australian Building Codes Board
<b>BCA</b>	Building Code of Australia
<b>ESD</b>	Environmental Sustainable Design
<b>GLP</b>	Governance Level Principle
<b>GBCA</b>	Green Building Council of Australia
<b>Organisational Unit (OU)</b>	College, Faculty, School, Centre, University Institute, other University Entity, Division, Section or University Business Enterprise.

6 **Supporting Documentation**

- University *Masterplan 2007 Vol 1*, Section 2.6 - Sustainability
- University Design Guidelines
- BCA Energy Efficiency Provisions

7 **Versioning**

<b>Former Version(s)</b>	Version 1 – <i>Sustainable Environment Designs Policy</i> ; approved December, 2008. Version 2 – <i>Sustainable Environment Designs Policy</i> ; approved November, 2014 (amended March, 2015) Version 3 – <i>Sustainable Environment Designs Policy</i> ; approved March 2015. Amended in December 2016 to incorporate Colleges.
<b>Current Version</b>	Version 4 – <i>Sustainable Environment Designs Policy</i> ; approved March 2015, amended in December 2017 to incorporate changed nomenclature for Commercial Services and Development.