



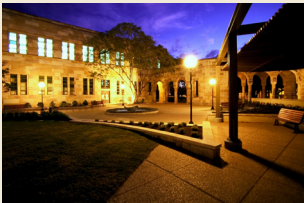
UQ's Environmental Initiatives

Energy and Greenhouse Gas Emissions

UQ engaged consultants in early 2008 to conduct a carbon footprinting study to develop sustainability strategies.

UQ purchased 2.5% Green Power in 2008.

UQ has been a member of Greenfleet since 2004 to offset carbon dioxide emissions of the University's fleet vehicles.



UQ uses energy-efficient lighting to replace spent tubes and bulbs in buildings and to light pathways on campus.

Water Conservation

UQ has a water management policy in place and has reduced its overall water consumption across all campuses by 60% since 2004.

The University received an award for being top water saver for large users in Brisbane City Council area in 2006.



Building Sustainability



General Purpose North 4 building, opened in 2008, incorporates a range of environmentally sustainable features.

UQ incorporates a range of sustainable features into buildings and grounds to continually improve its environmental performance.

Water harvesting, solar panels and a strategic shading system are among the environmentally sustainable features of the University's newest smart building, General Purpose North 4, opened in 2008. The building maximises natural light and has 10kW rooftop solar cells, automatic controls or movement sensors for internal lighting and air-conditioning, efficient light fittings, and windows that add to energy efficiency.

Underground tanks (up to 220,000 litres) hold enough rainwater and run-off for the building's landscaping and non-potable water needs.

Biodiversity

The Gatton Environmental Park is a great example of UQ's commitment to the environment. More importantly, the University is taking advantage of its natural assets to promote and support teaching and learning.



Work began in late 2004 with more than 50 nesting boxes placed around for native animals and birds. The area now has 600 metres of walkways and over 1000 trees.

The Lakes precinct at St Lucia campus has also been converted to an environmental area with exotic plants being removed and replaced with a native landscape design.

The University Experimental Minesite at Indooroopilly is a significant inner urban bushland site. Landscape development is being implemented with weeds being progressively removed and replaced with original vegetation. All species planted in bushland areas of the site are endemic to the area.



UQ's Environmental Initiatives

UQ Carparks to mitigate the impact of travel



With the University being the second largest vehicle destination in southeast Queensland after the Brisbane CBD, a project to eventually mitigate greenhouse gases generated by University-related vehicle use is underway.

The first stage of a project to generate green power through solar panels is completed with the installation of two-way meters that monitor both usage of electricity and the amount generated. The second stage involves installation of solar panels on the multi-level carpark roofs at St Lucia campus. Lighting control systems will also be put in place to reduce the energy consumption of the carparks.

Waste Minimisation at UQ



Since 2002, recyclables going to landfill from the University of Queensland have been reduced by 47%. Target is zero recyclable waste to landfill.

Recycling includes paper, cardboard, polystyrene, toner cartridges, mobile phones, electronic waste (computers, etc), fluorescent tubes and other lamps, glass, plastics and aluminium cans, scrap metal, and selected furniture.

UQ's Environmental Initiatives

Green Office Program

UQ Implemented a Green Office Program in 2005 that encourages staff to recycle, reduce energy and water consumption and purchase environmentally preferred products.



Green Office representatives receive annual awards, and tour sites such as Visy recycling on Environment Day each year.



Environmental Management students gain valuable experience by being employed as the Green Office Coordinator for a period of 12 months.

Environmental Policy and Procedures

The University of Queensland's Environmental Management System has been in place since 1996. It includes an environmental policy and procedures for air quality, biodiversity, energy, noise, waste and water management.

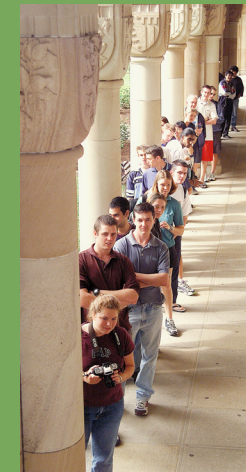
For further information contact:
Environmental Services,
Property & Facilities Division
The University of Queensland 4072
Email: unigreen@pf.uq.edu.au
Website: www.pf.uq.edu.au/ems.html

Printed on recycled paper

Issue date: 09/08



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA



Environmental
Initiatives at UQ

