



UNIVERSITY OF SYDNEY, DRAFT CAMPUS 2020 MASTERPLAN

COMMUNITY FACT SHEET, AUGUST 2008

CAMPUS 2020
A BETTER UNIVERSITY. A STRONGER COMMUNITY. FOR ALL OF US

WHAT IS THE DRAFT CAMPUS 2020 MASTERPLAN?

The Draft Campus 2020 Masterplan outlines a set of principles to guide future campus developments for a more unified University environment and a better campus experience for students, staff and the local community. The Draft Campus 2020 Masterplan includes suggestions for the restoration and adaptation of heritage buildings; the removal of ageing and intrusive buildings; the creation of green space; and improved vistas and pedestrian pathways across the campus.

ENVIRONMENTALLY RESPONSIBLE

PROTECTING THE ENVIRONMENT FOR THE FUTURE, BY DESIGNING AND CONSTRUCTING ENVIRONMENTALLY SUSTAINABLE BUILDINGS, UTILISING NEW AND INNOVATIVE TECHNOLOGIES.

The Draft Campus 2020 Masterplan supports the University's efforts to create an environmentally sustainable campus, through building and landscape design and sustainable transport initiatives.

BUILDING AND LANDSCAPE DESIGN

The Draft Campus 2020 Masterplan sets out principles to guide building and landscape design, including:

- Reducing energy use through efficient design
- Promoting water efficiency
- Reducing green waste through on site recycling
- Applying intelligent building management systems to further control energy and water usage; and
- Promoting the use of recyclable construction materials.

TRANSPORT AND TRAFFIC

The University understands that transport and traffic to and from the University has both environmental and community impacts. Managing traffic flows and volumes is an ongoing challenge for us and one which we are seeking to address through the master planning process, with a range of initiatives including:

- Controlling traffic flows to reduce congestion on the campuses and in surrounding streets: by moving to underground parking, with entrances and exits on the perimeter of the campuses; and
- Promoting walking, cycling and the use of public transport: we are currently in discussion with the City of Sydney about linking with their planned bicycle routes to connect the campuses with neighbouring suburbs.

It is likely that a staged approach to the removal and limitation of vehicle traffic will be required as campus redevelopment proceeds. The University has recently engaged independent transport consultants to undertake traffic studies and to develop a Traffic Management Plan should redevelopment of the precincts begin.

The new Law School building, scheduled to open in early 2009, is an example of the University's approach to environmentally sustainable building design. We have scored the equivalent of at least a 4 using the Australian Building Greenhouse Rating Scheme (ABGR). The building has a distinctive façade of vertical timber louvers, controlled by an automated system (which can be overridden when required) – that tracks the sun, providing shade in summer and letting in sunshine during winter. The timber for the louvers is sustainable plywood sources from Forestry Stewardship Council accredited suppliers.

A rainwater harvesting and treatment system will supply an estimated 80% of the building's total water demand. Rainwater will be collected from the roof of the next door Fisher Library, as well as from rain gardens on the newly rebuilt Eastern Avenue.

Other energy efficiency features include a double skin façade to reduce heat gain; natural ventilation; highly energy efficient light and water fittings; gas boosted solar hot water generation; sub-soil drip irrigation in garden beds; and air cooled chillers that eliminate the use of water in cooling towers. There is also ample bicycle parking, change rooms and showers, to encourage students and staff to cycle to and from this area of the campus.



Courtesy of fjmt



OPEN TO THE COMMUNITY

PROVIDING EDUCATIONAL, CULTURAL, SPORTING AND SOCIAL ACTIVITIES FOR ALL AS WELL AS ENCOURAGING THE COMMUNITY TO ENJOY OUR ATTRACTIVE LANDSCAPED SPACES.

The University wants to ensure that our renewed grounds and facilities are a resource for all members of the community. We intend to work with the community and the City of Sydney to identify the best ways to increase community access to, and use of, the campuses.

RESPECTFUL OF OUR HERITAGE

ACKNOWLEDGING THE PAST AND CONSERVING FOR THE FUTURE, BY ENSURING THE PROPER INTEGRATION OF NEW BUILDINGS OF ADVANCED DESIGN AND SENSITIVE LANDSCAPING WITH HERITAGE BUILDINGS.

The University of Sydney is the caretaker of some of the state's most significant heritage buildings, landscape features and other items – and we take this role seriously. There are more than 50 heritage items on the University's grounds and each year we complete a number of conservation works. Recent successes include the restoration and repair of the iconic gargoyles in the Quadrangle, the Old Darlington School, the Clocktower in the Quadrangle and the roof and parapet of Baxter's lodge.

We understand the importance of conserving our heritage to our students, staff and the broader community. Through the masterplanning process, we are seeking to showcase heritage features by removing intrusive, ageing buildings and ensuring that new buildings enhance the existing heritage.

Have your say

HOW CAN MEMBERS OF THE COMMUNITY HAVE THEIR SAY ON THE DRAFT MASTERPLAN?

The Draft Campus 2020 Masterplan will be available for review and comment until the end of 2008. Members of the community can comment on the Draft Campus 2020 Masterplan by emailing your feedback and suggestions to community2020@usyd.edu.au.

The University is seeking ideas and input from a range of people, including students, staff, University management, local residents and local businesspeople. Community feedback is one of a number of inputs that we will use to finalise the masterplan.

We are particularly interested in your thoughts on:

- How the University can best work with members of the community to inform, and consult with, you on the development of the masterplan and the renewal activities on campus
- How you currently use, and would like to use, the University's facilities and grounds
- How we can best integrate the campuses with surrounding communities
- How we can limit any impacts of works on the local community e.g. traffic, site clearing and construction; and
- The key features you would like to see in our campus in the future, such as environmental sustainability, building and open space design and quality.

