



THE UNIVERSITY OF  
SYDNEY

BETTER BUILDINGS PARTNERSHIP FOUNDING MEMBER

# SHOWCASE INITIATIVES



## UNIVERSITY OF SYDNEY

CENTRE FOR OBESITY, DIABETES AND CARDIOVASCULAR  
DISEASE CAPITAL WORKS PROJECT

**PROJECT COMPLETION: 2013**

As one of Australia's leading research universities, the University of Sydney is committed to tackling the big problems that confront our communities.

Our new centre will improve human health through the prevention and control of obesity, diabetes and cardiovascular diseases which combined are the leading causes of death and disease burden in Australia.

The centre will draw together a diverse community of researchers and academics who have the capability to consider everything from food production to the economics of grocery shopping, the physiology of metabolic disorders, clinical translational research, public policy, health economics, law and regulation, behavioural sciences and cultural studies.

One critically important asset for the centre is a new state-of-the-art building to support its research and education agenda, scheduled to be completed in December 2013. The centre will transform how we deliver research and education. The building project, which is the university's largest capital works project, is being planned in the context of the university sustainability framework application, which provides clear guidance towards achieving a balance between social, financial and environmental sustainability in our major projects.

The centre will bring together researchers, academics and students with a unified sense of purpose - to eradicate obesity, diabetes and cardiovascular disease and their complications and provide real-world solutions for what has become a worldwide epidemic.

*"The University's centre for obesity, diabetes and cardiovascular disease is a ground-breaking initiative that will address one of the greatest challenges to individual and community health, whilst also advancing the frontiers of knowledge. It is the most exciting initiative I have had the privilege to be part of."*

PROFESSOR JILL TREWHELLA  
DEPUTY VICE-CHANCELLOR (RESEARCH) UNIVERSITY OF  
SYDNEY



### KEY SUSTAINABILITY OUTCOMES

- Implement geothermal heat exchangers to provide a renewable means of offsetting the heating and cooling loads of the building.
- Use trigeneration to offset power demand and reduce greenhouse gas emissions.
- Minimise energy consumption through a high efficiency building envelope.
- Improve thermal performance of building fabric through use of a double-skin facade.



The University of Sydney is a founding member of the Better Buildings Partnership, a collaboration between leading property owners working to provide green leadership and sustainable innovation for Sydney's commercial and public buildings.  
[sydneybetterbuildings.com.au](http://sydneybetterbuildings.com.au)