



The 2nd Annual

Green Universities Conference


24th & 25th February 2011, Sydney Harbour Marriott

Featuring 4 international speakers:

 Professor Daniella Tilbury, Marie Curie Chair of Sustainability and Director of Sustainability, **University of Gloucestershire**, and Chair of the **Global Monitoring Group** for the UN Decade in ESD

 Dr Peter Hopkinson, Director of Education for Sustainable Development (Ecoversity) Co-Director of **Higher Education Environmental Performance Improvement (HEEPI)**, Senior Lecturer Environmental Management, Division of Archaeology, Geography and Environmental Sciences, **University of Bradford, UK**

 Dr. Ros Taylor, Founding Director - Sustainability Hub, **Kingston University, UK**

 Andrew Chamberlain, Head of UK Programmes & Scotland Manager, **The Environmental Association for Universities and Colleges**, and Founder, **Universities and Colleges Climate Commitment for Scotland**

PLUS Two Pre-Conference Workshops

23rd February 2011

WORKSHOP A - Creating and Refurbishing University Buildings and Facilities

Hosted by **Woods Bagot**

WORKSHOP B - Prioritising Carbon Solutions for Campuses

Hosted by **AECOM**

Supported by



Key presentations from:

Professor Paul Greenfield AO, Vice Chancellor, **The University of Queensland**

Professor Carol Adams, Pro Vice-Chancellor (Sustainability), **La Trobe University**

Professor George Earl, BTSD, Head School of Sustainable Development, **Bond University**

Paul Duldig, Vice President, Services and Resources, **The University of Adelaide**

Professor Tom Kvan, Dean of Architecture, Building and Planning, **University of Melbourne**

Paul Barton, Director, Environmental Sustainability, **Monash University**

Robin Mellon, Executive Director – Advocacy & International, **Green Building Council of Australia**

To Register:



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The 2nd annual Green

DAY ONE Thursday 24th February 2011

8.30 Registration and coffee

8.50 **Speed Networking Session**



9.00 Chair's opening address

Andrew Chamberlain, Head of UK Programmes & Scotland Manager, **The Environmental Association for Universities and Colleges**, and Founder, **Universities and Colleges Climate Commitment for Scotland**

9.10 **OPENING KEYNOTE**

Sustainability in the DNA of the University

Professor Daniella Tilbury, Marie Curie Chair of Sustainability and Director of Sustainability, **University of Gloucestershire**, and Chair of the **Global Monitoring Group** for the UN Decade in ESD

* Winner of the Green Gown Award 2010 for Continuous Improvement

* 2nd place in People & Planet's 2010 Green League

Presentation via video link

GREEN INFRASTRUCTURE

9.50 **Green Buildings, Green Ratings, Green Future**

- Summarising the work of the GBCA and the use of Green Star
- Benchmarking 'best practice' for education facilities
- Achieving Four Star, Five Star and Six Star Green Star ratings
- Assessing the cost and value of green buildings
- Defining universities of the future.

Robin Mellon, Executive Director – Advocacy & International, **Green Building Council of Australia**

10.30 Morning tea

10.50 **INTERNATIONAL PERSPECTIVES**

Coordinating green schemes on an national, as well as individual level

Dr Peter Hopkinson, Director of Education for Sustainable Development (Ecoversity) Co-Director of **Higher Education Environmental Performance Improvement (HEEPI)**, Senior Lecturer Environmental Management, Division of Archaeology, Geography and Environmental Sciences, **University of Bradford, UK**

11.30 **Pip-to-Tree: sustainability (spreads) at Kingston University**

- Bottom-up engages top-down
- Inclusive grass-roots activity stimulates change; reaches out
- Curriculum, campus, & community, greening together and bringing benefits locally, nationally and world wide

Dr. Ros Taylor, Founding Director - Sustainability Hub, **Kingston University, UK**

12.10 **Creating a deeply embedded culture across the university**

- We can adopt best appropriate practice in sustainability in our campus activities but that is insufficient
- The situation on a campus is profoundly different to that of a corporation: We have a unique opportunity to influence a large number of people as students, staff and visitors who can then go on to make broad impact
- We also generate core knowledge on the topic which needs to be picked up and tested
- Our strategy is developed on the principle of bringing together opportunities in learning, research and daily practice
- This presentation will examine the holistic approach of the University of Melbourne to address sustainability in social, cultural, economic and technological dimensions.

Professor Tom Kvan, Dean of Architecture, Building and Planning, **University of Melbourne**

12.50 Lunch

GREEN PROGRAMS AND PROJECTS

2.00 **The Macquarie Engagement Program**

Key to achieving change towards sustainability is the active participation and engagement of people. In recognition of this, Macquarie University has developed an active and diverse program that looks to involve its staff in the culture change required to become a sustainable university. This session will cover:

- Understandings of engagement
- Approaches to change
- Macquarie University's approach
- Examples such as the Sustainability Representative Network; Department Sustainability Challenge; and Participation Units

Leanne Denby, Director of Sustainability, **Macquarie University**, and President, **Australasian Campuses Towards Sustainability**

2.40 **ATN – Joining forces to reduce their carbon emissions by 25 percent over the next 12 years**

The move by the Australian Technology Network of Universities (ATN) fulfils a 2008 pledge to adopt energy targets as part of their ongoing commitment to sustainability. As a partner with government, industry, business and local communities, the ATN plays a lead role in implementing effective and efficient sustainable practices.

In 2009, in a national first the ATN collectively set a target to reduce emissions by 10 percent over the next 4 years.

Professor Stuart White, **Australian Technology Network of Universities** and Director, Institute for Sustainable Futures, **University of Technology Sydney**

3.20 Afternoon tea

3.40 **CASE STUDY: Sustainability and UTS City Campus Master Plan: Turning Plans into Reality**

- UTS Master Plan and ESD Master Plan overview
- From Master Plans to Project Plans
- Putting appropriate governance structures in place
- Maximising the benefits of precinct-thinking
- Achieving building performance as well as Green Star points

Fiona Martin, Manager, Sustainability and Compliance, **University of Technology Sydney**

4.20 **CASE STUDY: Linking the environmental sustainability agenda to the University's core business and bottom line**

- Monash University strives to be a leader in campus environmental sustainability through infrastructure improvements and the engagement of its 60,000 staff and students
- The next stage of Monash campus environmental sustainability program is to link the campus operations to the teaching and research programs
- Monash campuses are to become a living laboratory for the staff and students
- Economic analysis of Monash's environmental programs is now showing the programs are not only good for the environment but also good for the bottom line

Paul Barton, Director, Environmental Sustainability, **Monash University**

5.00 Closing remarks from the Chair

5.05 End of day one

DAY TWO Friday 25th February 2011

8.30 Networking and coffee

9.00 Opening remarks from the Chair

9.10 **University of Queensland's commitment toward sustainability – UQ Sustainability Steering Committee**

Professor Paul Greenfield AO, Vice Chancellor, **The University of Queensland**

9.40 **ESD – A human behaviour issue**

Thinking of Education for Sustainable Development (ESD) as a human behaviour issue is paramount to an organisation's success in linking curriculum, research and campus operations. To assist our students and staff contribute to a just and sustainable future, we must foster sustainable behaviour and build people's confidence and competence to tackle the key challenges.

Paul Duldig, Vice President, Services and Resources, **The University of Adelaide**

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Universities Conference

10.20

INTERNATIONAL COLLABORATIONS

International collaboration for climate commitment in the tertiary education sector

Macquarie University, in conjunction with Australasian Campuses Towards Sustainability (ACTS) has forged a partnership with the American Colleges and Universities Presidents Climate Commitment (ACUPCC) and the Universities and Colleges Climate Commitment for Scotland (UCCCCS) to bring the tertiary education sector together to meet the climate commitment here in Australia. This session will:

- Discuss the ACUPCC initiative and its applicability to the Australian tertiary sector
- Explain the universities and TAFEs Australian Climate Commitment (UTACC) including the Steering Committee and Founding Institutions
- Cover the benefits for involvement and the synergies with national and international focuses such as the National Action Plan for Education and Sustainability
- Introduce the International Net Positive Collaboration, the next step for the initiative, which will see Australia lead the Asia Pacific region, as well as the international stage

Andrew Chamberlain, Head of UK Programmes & Scotland Manager, **The Environmental Association for Universities and Colleges**, and Founder, **Universities and Colleges Climate Commitment for Scotland**
Leanne Denby, Director of Sustainability, **Macquarie University**, and President, **Australasian Campuses Towards Sustainability**

11.00

Morning tea

11.20

Greening Universities: Whose Environmental Values?

- Universities' environmental values
- The implementation stage: compromising on values
- Solutions: how to manoeuvre between values

Dr Odile Pouliquen-Young, Environment & Sustainability Development Officer, **Curtin University**

Belinda O'Brien, Coordinator Environmental Services, Facilities and Service Centre, **Edith Cowan University**

12.00

The importance of governance in sustainability

- How to get the right people involved in policy development to ensure effectiveness
- The role of target setting, project review and resource allocation in policy implementation and behaviour change
- Some examples, including difficulties encountered

Professor Carol Adams, Pro Vice-Chancellor (Sustainability), **La Trobe University**

12.40

Lunch

ARCHITECTURE AND DESIGN

1.40

KEYNOTE CASE STUDY

Bond University Mirvac School of Sustainable Development - the first Australian 6 Star Green Star certified educational building

- Path toward achieving 'World Leadership'
- Recommendations for the university sector
 - Innovations in design
 - Use of state of the art technology
- The impact on the broader university campus

Professor George Earl, BTSD, Head School of Sustainable Development, Director of Sydney Postgraduate Centre and Professor of Real Estate, **Bond University**

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POLICY AND PROGRAM IMPLEMENTATION

2.20

The Connection between Nature and Sustainable Procurement

- Introduction of Sydney Metropolitan Catchment Management Authority
- Sydney's built environment in the context of Nature
- Green buildings in universities
- Green products in universities
- Processes for sustainable procurement

Suzanne Little, Board Member,
Sydney Metropolitan Catchment Management Authority

3.00

Afternoon tea

3.20

Front of House – Sustainable Development at UWA

- Do we have the metrics
- A slip slop slap strategy
- What's in the basket

Helen Whitbread, Associate Director (Acting), Built Environment,
University of Western Australia

4.00

Greening UWS: environmental and sustainability strategies on a multi-campus university - Roger Attwater, Jen Dollin, Charles Vella, Professor Geoff Scott

The University of Western Sydney encompasses 6 major campuses, each of which has a different character. Developing environmental and sustainability strategies will be presented, with a focus on:

- Operational initiatives for environmental management, and their strategic alignment;
- Strategic asset planning for the Climate Change and Energy Research Facility (CCERF);
- Engagement and the Sustainable UWS Rolling Fund (SURF)

Dr Roger Attwater, Senior Manager, Environment and Risk Management,
University of Western Sydney

4.40

Closing remarks from the Chair

4.45

End of conference

Pre-Conference Workshops

Wednesday 23rd February 2011

9:00 – 12:30

WORKSHOP A

Creating and Refurbishing University Buildings and Facilities

The adaptive re-use of existing buildings, if commercially viable, is the most sustainable approach we can take, and is the most efficient use of existing resources.

Woods Bagot and Mark Kelly have extensive experience in the adaptive re-use of existing University Buildings for new and more contemporary uses. These new uses respond to changing approaches to Pedagogy and more socially cohesive student environments that encourage collaborative working, teaching and learning. The workshop will showcase several key projects in both Australia and the UK, and consider issues in making the best value decisions to enliven an existing building and bring facilities into the 21st Century.

Workshop Host: Mark Kelly, Global Director of Sustainability, **Woods Bagot**

1:30 – 4:00

WORKSHOP B

Prioritising Carbon Solutions for Campuses

There are a significant range of opportunities to reduce energy and greenhouse gas emissions but what do you prioritise? Michael Nolan, Will Symons and Lester Partridge from AECOM will guide participants through an active workshop focused on processes that have been successful in Australian and International campuses including Oxford University. In particular the application of a marginal abatement cost curve, prioritisation of options for new and existing campus facilities development, sustainable precinct precincts and behaviour change programs.

Workshop Host: AECOM

Michael Nolan has worked for 16 years in Australia with the higher education sector around Sustainability. Will Symons has worked with UK and Australian universities around sustainability and behaviour change for 10 years. Lester Partridge has worked for 20 years in sustainable design and green buildings for the higher education sector in Australia and Asia.

Please visit the website for regular updates and changes to the program. Be kept in the loop with this event via LinkedIn, Twitter, You Tube and our Blogs. Full details at www.informa.com.au/green-universities

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Entrance to the relevant sessions that you have purchased; lunch and all available presentations in PDF, five working days after the event. They do not include airfares or hotel rooms.

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Smart casual wear is suggested along with a sweater or jacket in case the conference room is cool.

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