



## Greening ICT to address Global Downturn and Global Warming

9am to 12:30pm, 19 February 2008, Computer Science and Information Technology (CSIT) Building (Building 108) The Australian National University Campus, Room N101, North Road ANU ACT 0200.

Hear some of international names [Daniel Mudimbe](#) from VMware (USA) and [Jessica Vreeswijk](#) from Green IT Tools-Terrabyte (Canada) talk about where they see opportunities to address the twin challenges of global downturn and global warming. Also at the Symposium, [Senator Kate Lundy](#), [Judy Anderson](#) (IBM), [Mark Winter](#) (Computers Off Australia), [Ahmed Imran](#) (ANU-NCISR), will discuss where mobile, web, digital technologies and appropriate strategies as meet this green challenge. They will be joined by [Idris Sulaiman](#) (COA) and the ACS Green ICT Group's Founder, [Tom Worthington](#) who will discuss campus green ICT potential, introspection and teaching sustainable ICT.

A free half day event bringing together people from academia, industry and government who are interested in sustainable uses of ICT to address Global Economic Turmoil and Global Warming challenges through effective organizational policy, reliability, availability, and efficient operations. Don't miss attending the second ANU green ICT symposium!

This event is jointly sponsored by the Australian National University, Computers Off Australia, IBM and VMware.

**The event is limited to 40 participants. Please book with: [event@computersoff.org](mailto:event@computersoff.org)**

### Background

On 3 February 2009 the Australian Prime Minister announced a strategy to deal with the effects of the global financial crisis on the Australian economy. The strategy includes funding for national infrastructure, education, energy reduction and combating climate change. Such a large and complex task will require rapid decision making and detailed oversight of projects. Computer based systems and the Internet offer the opportunity to help refine the policy and aid in its implementation, as well as form part of the projects implemented. The main topics that will be discussed are as follows.

### Bridging the ICT-Energy "Disconnect"

Even before the recent economic turmoil became apparent, the Information Communications Technology (ICT) industry and users in business, education and government were starting to struggle with fundamental challenges energy and OpEx costs were rising, available energy supply was falling. The current recession brought these concerns into sharp focus.

### Start Measuring, Implement Energy Efficiency Measures and Save to Maximize Bottom Lines

By getting clear information about how much energy organisations are consuming energy is fundamental to maximising energy efficiency. Organisations can be compared to its competitors by using benchmarking information. It is then possible to define and verify energy savings.

### "Green ICT quick wins", operational and user behaviour change

The Government has adopted the recommendations of a major ICT expenditure review ("Gershon Report") which include the need for identification of "Green ICT quick wins" (fast payback, no or low cost measures).

### Development of "Green ICT" training needs

While some government agencies, businesses and universities have commented on the adverse impact of general ICT skills shortages and there is general agreement that "Green ICT" skills are going to be in demand.

## **Social networking, E-government and m-government in government and business**

Where the best practices already adopted by some agencies and in the private sector?

## **University roles in R&D and deployment of 'green' cyber infrastructure and ICT enablers**

ICT accounts for a large portion of CO2 emissions at research universities, and it is estimated that higher education is responsible for between five and 10 percent of U.S. carbon emissions. What role do universities play through research, development and the deployment of so-called 'green' cyber-infrastructure and ICT enablers?

## **Program**

8:30 to 9:00 am	Registration. ANU parking vouchers can be purchased at registration. Please note that ANU has <a href="#">limited parking</a> and participants are encouraged to <a href="#">catch the bus</a>
9:00 to 9:10 am	Welcoming words <ul style="list-style-type: none"><li>• <a href="#">Senator Kate Lundy</a> Labor Senator for the Australian Capital Territory</li></ul>
9:00 to 9:20 am	"Establishing fully operational Green ecosystem for governmental agencies" <ul style="list-style-type: none"><li>• <a href="#">Daniel Mudimbe</a> Alliance Manager, VMware (Palo Alto, USA - video link)</li></ul>
9:25 to 9:45 am	"Green IT Tools for raising awareness, assessing environmental impact and implementing greener IT practices" <ul style="list-style-type: none"><li>• <a href="#">Jessica Vreeswijk</a> Principal, Terrabytes Consulting (Vancouver, Canada – video link)</li></ul>
9:45 to 10:00 am	Tea/Coffee Break
10:00 to 10:20 am	"Smart Government By Smartphone" <ul style="list-style-type: none"><li>• <a href="#">Senator Kate Lundy</a> Labor Senator for the Australian Capital Territory</li></ul>
10:25 to 10:45 am	"The Business Case for a Green ICT Strategy" <ul style="list-style-type: none"><li>• <a href="#">Mark Winter</a> Founder, Computers Off Australia and ComputersOff.org (International)</li></ul>
10:50 to 11:10 am	"Campus Green ICT Introspection: Role of Universities in Deployment of ICT Sustainability" <ul style="list-style-type: none"><li>• <a href="#">Idris Sulaiman</a> CEO, Computers Off Australia and Visiting Fellow, ANU College of Engineering and Computer Science.</li></ul>
11:15 to 11:35 am	"The Need for eGovernment Policies to Build a Smart Economy" <ul style="list-style-type: none"><li>• <a href="#">Judy Anderson</a> Government Programs, IBM Australia Ltd</li></ul>
11:40 to 12:00 noon	"Green ICT Potential and eGovernment Capacity Building in Bangladesh and Other Developing Countries" <ul style="list-style-type: none"><li>• <a href="#">Ahmed Imran</a> National Centre for Information System Research, ANU College of Business and Economics and Project Manager, PSLP(eGov AusAID-Bangladesh Project)</li></ul>
12:05 to 12:30 noon	"Teaching Sustainable ICT Professionals Online" <ul style="list-style-type: none"><li>• <a href="#">Tom Worthington</a> Founder, Green ICT Group, ACS, Director, Tomw Consulting, and Senior Adjunct Lecturer, ANU Dept. Computer Science</li></ul>

Coffee/tea will be available at the break and delegates are invited to lunch at Room N101, Building 108.