

An Event Organised by the JISC-funded SustelT project



The Sustainable Desktop? - Achieving Energy Efficient PCs in Universities and Colleges

2 September 2008, University of Sheffield

This free event will launch SustelT's new ICT footprinting tool, which is based on a detailed analysis of communication, computing, and digital printing at the University of Sheffield. This shows that ICT is now responsible for 18% of the University's total electricity consumption - and a bill of over £1 million next year - with desktop computing accounting for half of this. It is therefore vital that the sector does more to respond to the environmental and financial burden that ICT use creates. Fortunately, there are many good examples of good practice which will be highlighted in this workshop, including:

Powering down of PCs when not in use

'Harvesting' idle CPUs through grid computing techniques

Purchasing devices with low power consumption

Substituting thin client devices for PCs, and

Changing practices with regard to replacement and disposal.

The event will therefore be of interest to IT professionals, energy and environmental managers, and procurement staff.



Draft Agenda

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| 10.00 – 10.30 | Registration and refreshments |
| 10.30 – 10.40 | The Sustainable Desktop – An Overview
<i>Peter James, Director, SustelIT</i> |
| 10.40 – 11.40 | Footprinting ICT Energy Consumption – Lessons from the University of Sheffield
<i>Chris Cartledge, consultant, and recently retired from the University's IT department</i> |
| 11.40 – 12.30 | Purchasing Greener PCs
<i>Lisa Hopkinson, Project Officer, SustelIT and speaker tbc</i> |
| 12.30 – 13.20 | Lunch |
| 13.20 – 14.20 | Computer Powerdown – Home Grown and Commercial Approaches
<i>Lisa Nelson, University of Liverpool; Howard Noble, University of Oxford + others</i> |
| 14.25 – 15.15 | An Energy Efficient Desktop Grid Infrastructure
<i>James Osborne, Condor Project Manager, Cardiff University</i> |
| 15.15 – 16.05 | Thin Client – Can it Replace Desktops?
<i>Speaker tbc</i> |
| 16.15 (approx) | End of session |

There is no charge for the event. Knowledgeable vendors who can contribute their experience to the discussions are welcome. As we expect the event to be very popular, cancellations after August 28th, and no shows that are not due to illness, will be charged at £100. Please book by visiting: <http://www.jisc.ac.uk/events/2008/08/sustainableit.aspx>.