

## Green ICT Case Study

### London Metropolitan University IT Transformation Programme

#### Background and challenge

London Metropolitan University has set an aspirational target of reducing its carbon footprint by a third over the next five years from a 2009 level of 13,500 tonnes CO<sub>2</sub> to 9,045 t CO<sub>2</sub> by 2014. This has to be achieved at the same time as becoming cost efficient and radically transforming the IT services provided within the university.

#### Previous practice

- Hundreds of individual servers;
- Staff and Student PCs never switched off;
- Printed UG and PG prospectus which were then posted to students;
- Individual photocopiers and desktop printers.

#### The Green ICT change

- Virtualisation of servers – 137 servers removed from active service;
- Auto shutdown of student PCs with anticipated savings of around £250k annually. To be formally measured over the coming year. Auto shut down of staff PCs being planned for 2010/11;
- Procuring eco-friendly PCs where possible;
- Replacing print prospectus with online prospectus, which is anticipated to save around £200 k annually;
- Replacing individual photocopiers and desktop printers with Multi-Functional Devices and 'follow me' printing. It is anticipated that this will reduce paper usage/wastage by 20% and power wastage by 80% once this initiative is fully implemented. Student facilities have been replaced in 09/10 while staff roll-out has just started.

Reductions in carbon emissions and power usage from various initiatives are difficult to quantify since power usage is measured building by building.

#### Contact details

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