

Trim Location:	<Insert TRIM Location>
Document Category*:	Guideline
Purpose*:	<p>This guideline outlines the scope and approach to Green ICT initiatives implemented by ICT Services.</p> <p>This guideline will be reviewed on an annual basis and evaluated in line with changes to business processes.</p>
Responsible Officer*:	Executive Director, ICT Services

1 Guideline Statement

The University of Southern Queensland is committed to becoming carbon neutral by 2020. ICT Services has an integral role in developing strategies to reduce USQ’s carbon footprint relating to information communication and technology use.

Strategic areas of focus for ICT Services include:

- Optimise resource usage and reduce waste and inefficient resource application by ensuring that appropriate technologies are chosen to support business requirements.
- Manage resource consumption and demand through consolidation and virtualisation. Specific initiatives include:
 - Consolidate servers and manage optimised shared virtual infrastructure;
 - Consolidate applications and infrastructure by promoting the use of shared services including cloud computing where appropriate;
 - Build and manage more efficient data centers with a PUE (Power Usage Effectiveness) rating of less than 2.0 and approaching 1.0;
 - Consolidate and reduce the number of computer laboratories to ensure optimal utilisation;
 - Consolidate the number of printers in use and replace these with more efficient larger capacity multi-function printing devices;
 - Improve the ratio of desktop computers to printer ratio.
- Encourage electronic collaboration through the use of the learning management system, Microsoft SharePoint technologies and other collaboration tools which can improve the collaborative effort and effectiveness of all staff and students;
- Implement new computing infrastructures including increased use of mobile devices or thin clients, as replacements for more intensive, less flexible computing devices.
- Safe and responsible disposal and recycling of ICT equipment and eWaste (Refer also to [ICT Procurement Guidelines](#));
- Consider energy efficiency in technology selection and acquisition. Improvements in sustainable procurement including procurement of green equipment such as Electronic Product Environmental Assessment Tool (EPEAT™)¹ registered desktop computers, laptops and monitors or purchasing products with a high ENERGY STAR®² and EPEAT™ rating;
- Centralisation of ICT procurement, deployment and disposal assists with improving asset management, reuse and recycling across the University;
- Provide alternatives to travel by using remote communication technologies.

¹ EPEAT™ is a system to help purchasers in the public and private sectors evaluate, compare and select desktop computers, notebooks and monitors based on their environmental attributes. EPEAT™ also provides a clear and consistent set of performance criteria for the design of products, and provides an opportunity for manufacturers to secure market recognition for efforts to reduce the environmental impact of their products.

² ENERGY STAR® is an international standard for energy-efficient electronic equipment. It was created by the US Environmental Protection Agency in 1992 and has now been adopted by several countries around the world, including Australia.

What can you do as an individual?

- Minimise energy consumption of idle devices, specifically desktop computers and mobile devices (ie turn off computer equipment when not in use).
- Safe disposal and recycling of ICT equipment and eWaste (Refer also to [ICT Procurement Guidelines](#)).
- Reduce unnecessary travel by using remote communication technologies.
- Reduce unnecessary printing.

Green Printing

The University continues to investigate a number of specific strategies to reduce the amount of unnecessary printing including:

- All networked printers and multi-function devices are configured (by default) to print duplex.
- Multi-function devices enable greater use of scanning features rather than printing.
- Meeting agendas and associated material are published online to reduce the requirement to print meeting material.

More Information

- Please visit [ICT Services staff service catalog](#)