

THE LANGHAM, MELBOURNE

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Water Management

- According to the Melbourne Water Board, The Langham, Melbourne is a leading Victorian hotel in the water management field through its continued effort to monitor water usage and reduce overall water consumption without compromising guest comfort. This is being driven by the current drought and water shortages within Victoria and throughout Australia.
- Projects instrumental in achieving a 34% reduction in water usage from 85,000m³ in 2006 to 56,000m³ in 2008 and on target for a further decline of 6% in 2009, include:
 - The installation of a laundry recycling system and an automated control system in 2008, to improve water efficiency. Combined savings of 16.5 million litres of water per year
 - In 2007, deluxe showerheads were installed in the guest rooms to decrease the flow rate of showers from 18 litres per minute to 9 litres per minute
 - Saving almost 3 million litres per year was the installation of three waterless woks in Melba restaurant in 2006, a restaurant servicing on average over 535 covers per day
 - The installation of a water harvesting system in the laundry to service the hotels feature fountains and irrigating the hotel's front garden saving 55,000 litres per year
 - The implementation of recycle cards in guest rooms, offering guests the opportunity to re-use bed linen and towels.

Waste Management

In 2008, The Langham, Melbourne improved over 20 Standard Operating Policies relating to recycling, packaging, and general waste disposal. These policies saw a reduction of waste to land fill from 495 tonnes in 2007 to 462 tonnes in 2008. 18% of waste was being recycled or reused in 2008, and is on target to rise to 23% in 2009.

Key projects include:

- Glass recycling has been increased from 67 tonnes in 2007 to 82 tonnes for 2008 and has increased a further 22% in 2009
- Increasing cardboard recycling from 8 tonnes in 2007 to over 23 tonnes in 2008 and has increased a further 26% in 2009
- The implementation of battery recycling has seen 162kg of batteries being recycled
- In 2009 reduced the use of individual glass condiment jars in Melba restaurant
- Providing fresh rather than plastic bottled water to conference guests.

Energy Management

- Projects instrumental in reducing electricity consumption by 2.6% in 2008 and a further 4.5% after 10 months of 2009 have been the result of a continuous assessment of energy efficient alternatives, turning lights off in unoccupied areas and the redefining of central plant operations and operating parameters through the use of energy management controls.
- Replacing all incandescent globes with Deluxlite, qualified Energy Saver fluorescent bulbs, which offer outstanding efficiency, saving up to 75% more energy with a life of up to 8 times longer
- Installation of Energy Controllers to hotel stairwell lighting, saving 45,000 kilowatt hours per year

- Offering conference organisers the opportunity to host “electrically green ‘conferences and seminars”. For an additional daily fee, power can be switched to a green alternative supply through energy retailer, Country Energy.

Programs currently participating in

- In 2009, The Langham, Melbourne applied for Green Globe benchmarking and is working towards certification in 2010
- Green Globe Certification is the leading worldwide sustainability certification based on internationally accepted documentation formed by Green Globe Int. and Green Certifications Inc
- Green Globe Certification is the seal of an independent recognition of sustainability efforts. Environmental and cultural levels as well as Corporate Social Responsibilities are benchmarked against the highest worldwide principles. Its object is to introduce and strengthen sustainability and social practices at all levels of management.

Strategies Implemented

As a global five star luxury hotel, The Langham, Melbourne is committed to minimising environmental impacts associated with the hotel’s daily operations and improving overall sustainability.

The Langham, Melbourne Environmental Policy commits to:

- Reducing energy and resource consumption
- Selecting products and services for their low environmental impact
- Implementing water saving practices
- Reducing waste going to landfill by practicing and enhancing in-house recycling programs
- Training colleagues through the group wide ‘Green Team’ program
- Working with suppliers, clients and guests to develop and implement best practice standards to improve sustainability.

The Langham, Melbourne ‘Green Team’ program was developed in a bid to initiate internal programs and to create a team of passionate, aware and committed environmental ambassadors in Langham properties worldwide to champion its environmental mandate now and into the future.

The ‘Green Team’ meet regularly to discuss environmental initiatives and to ensure these remain integral to hotel operations.

Projects to be completed

- Install new “Automated Food Waste Recovery System”, this will be taken and used to make compost
- Install a PE baler to recycle polystyrene
- Implementation of a guest bedroom waste recycling strategy by commencing installation of equipment in bedrooms and on room attendant trolleys.
- Install new energy efficient electronic motors across the property
- Commence installation of new air conditioning and heating thermostats in guest bedrooms which will incorporate an eco button, motion detection and unoccupied modes

Other

CO2 Emissions

The Langham, Melbourne measures its CO2 emissions based on its electricity and natural gas consumption and the amount of waste it sends to landfill. In 2007 The Langham, Melbourne emitted 13,610 tonnes of CO2. In 2008 this was reduced by 4% to 13,068 tonnes. In 2009 this is on target to reduce a further 4%.