




# Minimising Waste

## SUCCESS STORIES IN THE ILLAWARRA

KEY FIGURES ACHIEVED	
 recycling	<b>Reduce Waste to Landfill by 66 tonnes per annum</b>
 carbon emissions	<b>Reduced by 660,000 kwh per year since 1998</b> <b>700 tonnes of Co2 emissions each year</b>
	<b>Reduced water consumption from 74 million litres in 1998 to 39 million litres in 2008</b>

### Case study

Novotel Wollongong Northbeach is a 4 1/2 star hotel located on the NSW South Coast. They have taken an environmental leadership role in sustainable hotel management.

The business has been part of the Department of Environment Climate Change and Water's Sustainability Advantage program, facilitated by Business Treading Lightly since 2008 and has consistently worked hard to meet targets to reduce greenhouse gas emissions, water use and waste sent to landfill. In the future Novotel aims to reduce waste and consumption further by increasing waste reduction by a further 20% by 2012.

**“We’re not only saving money and resources, our staff are motivated and inspired too”**

Walter Immoos,  
GM, Novotel Wollongong Northbeach

### How did they do it?

- Paper, cardboard, polystyrene boxes, wax boxes, paints, solvents, e-waste, cooking oil, glass, tin, building materials, light globes, candles, linen, furniture, toners and plastic wrap are all recycled.
- Over 450kg of Windjammers food is donated to Oz Harvest every year to feed the disadvantaged, tripled food and organic waste to worm farm in one year.
- Installation of power factor correction gear has improved it from 0.8 to 0.98
- Installation of an eco light system reducing energy by 25%
- 2 x 3,000 litre rain water tank to capture water for filling pool and irrigation



Novotel Northbeach 'Recycling' Party

### What else?

Other initiatives implemented include:

- Energy efficient behaviours have also been introduced, such as turning off lights and installing more efficient equipment.
- 25 Waterless urinals – Enviroblock- Saving 2ML of water
- A sustainability project has been added to each departments KPI's



# Asset Management

## WHAT IS WASTE REALLY COSTING YOUR BUSINESS?

If Novotel Wollongong Northbeach sent the same amount of waste to land fill in 2008 as we did in 1998 the cost would be \$84,882 an increase of \$26,291.

KEY FIGURES	Savings in 2008/09
Cost Savings of reducing waste to landfill and increasing recycling	<b>\$31,274, 25%*</b>
Reduced general waste collection and increased recycling in guest rooms	<b>16%</b>
Increased food waste and organics recycling	<b>75%</b>

\*based on 2009 waste management fees

## WHAT IS ENERGY REALLY COSTING YOUR BUSINESS?

Novotel Wollongong Northbeach has achieved an average reduction of 700 tonnes of CO2 Emissions each year from 1998.

KEY FIGURES	Savings in 2008/09
Electricity consumptions saving	<b>348,726kwh</b>
Estimated GHG emission saving	<b>348,687Co2/kg</b>

## WHAT IS WATER REALLY COSTING YOUR BUSINESS?

Novotel Wollongong Northbeach has achieved an average reduction of 3.5 million litres of water consumed each year from 1998.

KEY FIGURES	Savings in 2007/08
Reduction in water savings	<b>\$4,041</b>
Estimated average savings per month	<b>5850kl</b>

# What Can We Do in Future?

## Energy

- Installation of Tri-generation
- Movement sensors in toilets and change rooms
- Improvements to lighting retrofit and installation of LED technology

## Waste

- Buy durable and reusable products
- Choose products with the least packaging or packaging that can be reused or recycled
- Ask suppliers if they take back packaging
- Buy in bulk to reduce packaging
- Use biodegradable material if packaging is unavoidable
- Manage stock to avoid over purchasing
- Print double sided and have multiple pages printed on each page

## Waste Reuse

- Reuse single sided waste paper as scrap
- Donate unused food to charity, such as OzHarvest [www.ozharvest.org.au](http://www.ozharvest.org.au)
- Donate old furniture, equipment, uniforms to charity or reuse centres

## Recycling

- Share the costs of a recycling service with neighbouring businesses
- Recycle unused electrical equipment such as TV's computers, printers, mobile phones and toner cartridges
- Contact our team for a copy of the recycling directory!

