

FACTOIDS

Some interesting facts:

Context	Factoid	Supporting reference(s) / assumptions
Blackpool Tower	The energy savings made by recycling steel packaging in the UK in 2005 would light Blackpool Tower for the next 1,000 years	<i>According to the Blackpool Tower website, the Tower consumes 150kW when illuminated</i>
Cars	The CO ₂ savings made by recycling steel packaging in the UK in 2005 was equivalent to the CO ₂ produced by 240,000 cars in the same year	<i>Based upon a compact class car (e.g. Ford Focus 1.8 diesel) with a CO₂ emissions rating of 137g/km that travels 20,000km in one year</i>
UK Households	The CO ₂ savings made by recycling steel packaging in the UK in 2005 was equivalent to the CO ₂ produced by over 100,000 households in the same year	<i>The average CO₂ emissions per household in the UK are estimated to be 5.6t CO₂ per year (Green City Report, May 2006)</i>
Cities	The CO ₂ savings made by recycling steel packaging in the UK in 2005 was equivalent to the CO ₂ produced by all the households in Cardiff in the same year	<i>The number of households in Cardiff is about 120,000 according to the 2001 Census</i>
Wind Turbines	The energy saved by the recycling of steel packaging in the UK in 2005 is equivalent to that produced by over 600 1MW wind turbines in the same year	<i>British Wind Energy Association reports that a 1MW wind turbine produces 2630MWh per year.</i>
Kettle	The energy savings made by recycling steel packaging from one UK household in 2005 were equivalent to the energy	<i>Market Transformation Programme – a typical kettle consumes 169.6kwh in one year for 1542 uses.</i>

	produced by boiling a little over 300 times.	
Car	The CO ₂ savings made by recycling steel packaging in one UK household in 2005 were equivalent to the CO ₂ emissions produced by having 24 60W light bulbs on permanently for a day	<i>A 60W light bulb running off UK grid electricity. No green tariffs / household renewable etc.</i>
Light bulbs	The CO ₂ savings made by recycling steel packaging in one UK household in 2005 were equivalent to the CO ₂ produced by a car travelling over 100km	<i>Based upon a compact class car (e.g. Ford Focus 1.8 diesel) with a CO₂ emissions rating of 137g/km that travels 20,000km in one year</i>
Fridge Freezer	The energy savings made by recycling steel packaging from one UK household in 2005 would have provided enough energy to run a fridge freezer for over one month	<i>Market Transformation Programme- a typical 'A' rated fridge freezer consumes 382 kWh in one year</i>