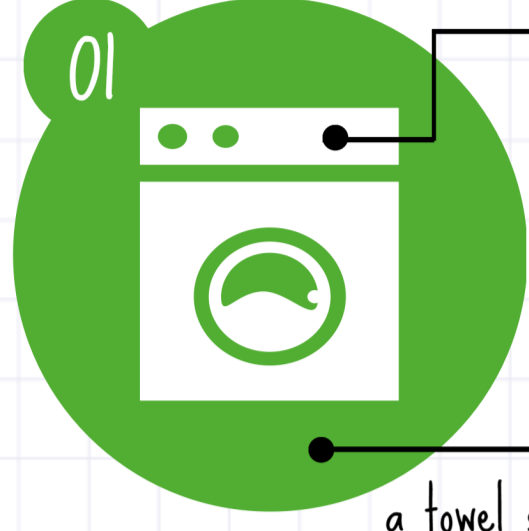


# A guide to Green savings

(powered by Green Key)

## WATER SAVING

Each set of bed sheets requires 23 L to 30L of water to launder.



### LAUNDRY

The most effective means to reduce water use for laundry is to encourage guests to re-use the sheets and towels during their stay; guests re-using each towel and sheet set twice before laundering will yield water savings of 50% at a very minimal cost.

a towel set (bath, hand and face) requires an additional 23 L to 30L.

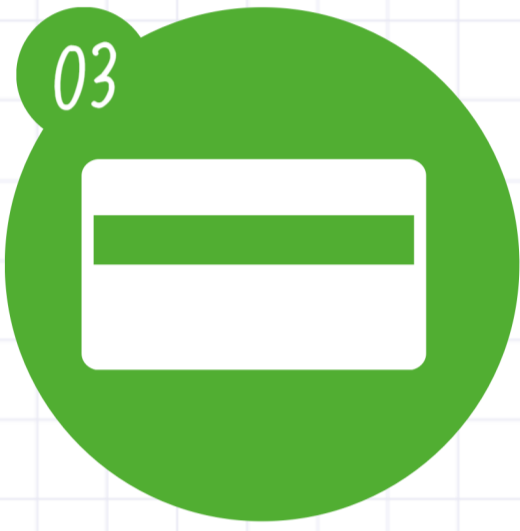


### TOILETS

Replacing an 18 litre per flush toilet with an Ultra-Low Volume (ULV) 6 litre flush model represents a 70% savings in water flushed and will cut indoor water use by about 30%.

Using 3/6 liter dual-flush toilets will further decrease the water use.

## KEY-CARD SYSTEM



### ELECTRICITY CONSUMPTION

Using a key-card system can reduce per room energy usage by 25%-45% with a payback of 1-2 years.

## HAND DRYERS

### TOWELS vs. DRYERS

A research paper by Scientists at Massachusetts Institute of Technology compared the seven most common drying methods in public toilets.

It concludes that paper towels and warm air hand dryers have the highest environmental toll - generating 70% more carbon emissions than the newest cold-air technology on the market.

Three types of cold-air dryers are the top three environmentally friendly hand drying options. The fourth best option is the Cotton Roll Towel (CRT) system.



## Benefits of LED lights



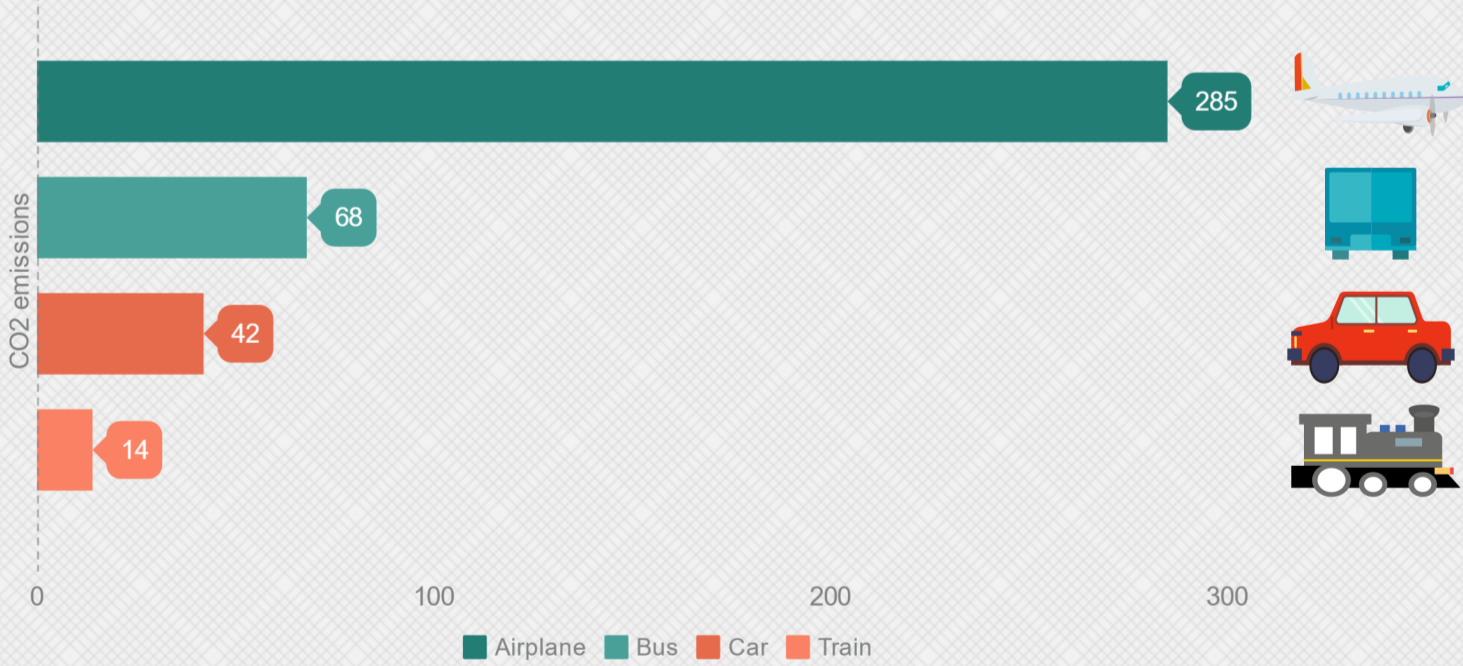
Example for 50 hotel rooms, used 8h/day

	Typical lighting	LED lighting
<b>Fittings</b>	6x50W Halogen GU10	6x10W LED GU10
<b>Total watts (50 rooms)</b>	15000W	1800W
<b>Annual cost</b>	€5,545	€665
<b>Product life</b>	2000h	40000h
<b>Energy savings</b>	0%	88%
<b>Savings in 5 years</b>	€0	€24,390

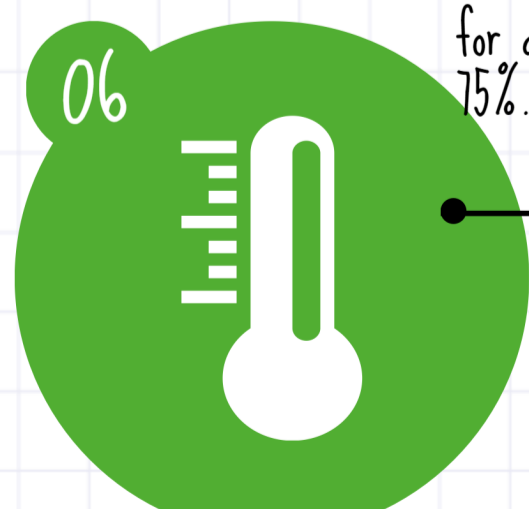
## Transportation

CO<sub>2</sub> emissions from passenger transport (CO<sub>2</sub> g/passenger/km)

Chart figures as reported by the European Environment Agency



An Energy Management System (EMS) can enhance guest comfort while reducing energy costs by 35% to 45%, for a return on investment of 50% to 75%.



### HEATING AND COOLING

Link your EMS reservation system and automated check-out system together to keep an unsold room ventilated but with minimal heating or cooling.

#### Sources:

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