

Energy



The world's energy consumption has nearly tripled in 40 years.

Accor launched its first hotel 40 years ago. Today, there are Accor hotels all over the world and altogether they use as much energy as the city of Manchester... Ongoing efforts have been initiated to control and reduce consumption.

CO₂ emissions could raise average temperatures by 1.4 to 5.8°C by 2050.

One night spent in a hotel emits an average of 12kg of CO₂, which is as much as a car traveling 100km.

Accor is working to reduce those emissions by renovating building heating systems, electricity consumption and water use.

Accor 2010 objectives

1 - Reduce energy consumption by 10% per room in owned and leased hotels in comparison with 2006.

2009 year-end indicator: Energy consumption reduced by 7.8% in owned and leased hotels.

2 - Equip all owned and leased hotels with energy-efficient lamps.

2009 year-end indicator: 82% of owned and leased hotels are equipped with energy-efficient lamps.

3 - Increase the number of hotels equipped with solar panels by a factor of five, to 200.

2009 year-end indicator: 100 hotels are equipped, against 67 in 2008.

Achievements

The management and progress tools


- **Accor Hotels Environment Charter:** through its Hotels Environment Charter, Accor recommends 19 energy optimizing measures to be implemented in each facility: the use of

energy-efficient refrigerators, optimized outside lighting, solar panels to heat swimming pools and more.

 See Accor Hotels Environment Charter (186k)

 Learn more about Accor Hotels Environment Charter (104k)

- **OPEN (Outil de Pilotage Environnemental):** OPEN is Accor's environmental management and reporting tool. Developed by Accor in 2003, OPEN is used notably to follow up the energy consumptions of Accor hotels.


 Learn more about OPEN

The hotels best practices


- **82% of owned and leased hotels** are today equipped with energy-efficient lamps, which enables to save nearly 72 million kWh of electricity per year.
- **100 Accor hotels** are equipped with thermal solar panels to produce hot sanitary water.

 Learn more about the "100 solar hotels" project (97k)

- **Etap Hotel Toulouse Aéroport, France (2009):** the hotel uses cutting-edge insulation and renewable energy technologies (geothermal probes, heat pump, solar panels). As a result, it uses 30% less energy than required by current French thermal regulations (RT 2005).

 Learn more about the Etap Hotel Toulouse Aéroport (58k)

- **Ibis Paris Porte de Clichy, France (2004):** it is the very first hotel in France equipped with photovoltaic panels that directly produce electricity. They are integrated into the building façade.

 Learn more about the ibis Paris Porte de Clichy (105k)

- **Novotel Milan Airport, Italy (2004):** the hotel installed a tri-generation system. This system produces locally the energy needed for heating, cooling and electricity, with very high efficiency thanks to the immediate reuse of the heat emitted during production.
- **Novotel Rotorua Lakeside, New Zealand (1996):** the hotel uses the geothermal activity of its site to obtain natural energy: water from the water tables is used to heat the hotel's water network, and then re-injected into the ground for minimum environmental impact.