

Low Carbon Pioneers

Case Study



IHG[®] HOTELS & RESORTS



LOW
CARBON
PIONEERS

Introducing Low Carbon Pioneers

Low Carbon Pioneers is an initiative that celebrates and promotes hotels that are **energy efficient**, **have no fossil fuels combusted onsite***, and are **backed by renewable energy**.

Our Low Carbon Pioneer, Iberostar Waves Cristina



At the Iberostar Waves Cristina we are passionate about sustainable hospitality. We're giving guests the opportunity to have a low carbon visit whilst enjoying a relaxed and care free stay.

Our hotel is energy efficient with no fossil fuels on-site* and backed by renewable energy. On the next page, you can see some of the measures we have put in place at our hotel...

*Except for backup generators that fall below 5% of the hotel's total annual energy consumption

Low Carbon Pioneers
Iberostar Waves Cristina

Solar PV panels to generate electricity:
Generating renewable energy which is used across the hotel



Public area lighting with occupancy sensing controls:
Turning lights off automatically when no one is around



An engaged team:
Monitoring energy consumption and putting in place energy reduction best practices

Submeters to monitor and improve energy usage:
Constantly looking for improvements to reduce energy usage across the hotel

Well insulated walls, roof and floor:
Reducing energy needed for heating and cooling across the year

Heat recovery
Reducing wasted energy by recycling heating and cooling energy across the hotel



Guest room controls:
Turning off the air conditioning and lighting when a guest is not in the room

High efficiency heating and cooling:
Keeping guests at a comfortable temperature whilst minimising energy use through heat pump systems



High efficiency showers and taps:
Reducing energy and water usage

Efficient hot water:
Partly generated by solar thermal with the remaining hot water coming from heat pumps



All electric kitchen with induction hobs:
Removing any fossil fuels and enabling a more efficient kitchen

Demand based kitchen ventilation:
Matching the ventilation flow rate to the amount of cooking taking place



Pool
An energy efficient heat pump provides the energy to heat the indoor pool whilst the outdoor pool is not heated