

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 Selection Playa de Palma



At Iberostar Selection Playa de Palma, we champion positive change through positive tourism. We're giving guests the opportunity to make a difference while having a memorable experience.

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 Selection Playa de Palma

Solar thermal panels:
Generating renewable hot water for use by our guests



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

AI driven Building management system:
Machine learning to optimize the BMS by introducing dynamic setpoints and adjusting production to the actual heating and cooling demand



Guest room controls:
Turning off the lighting and air conditioning 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 generation:
Leveraging heat pumps to reduce the energy required to heat hot water and avoiding storage losses through instantaneous production.



All electric kitchen with induction technology:
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