

# Low Carbon Pioneers

## Case Study



LOW  
CARBON  
PIONEERS

IHG® HOTELS &  
RESORTS

# 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, Staybridge Suites Malaga



At Staybridge Suites Malaga 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

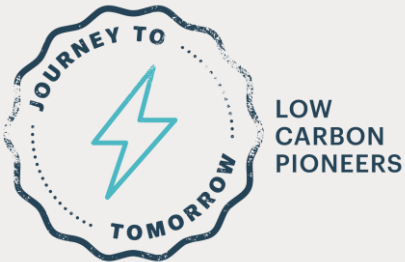


Low Carbon Pioneers  
Staybridge Suites Malaga

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



Building management system:  
Optimising the efficiency of the equipment whilst ensuring guest comfort



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

High quality glazing:  
Limiting heat loss when it is cold and limiting solar gain when it is hot

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

Hot water heat pumps:  
Reducing the energy required to heat hot water



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