

Likely biggest sources of GHG emissions per type of tourism business with recommendations for reduction

Type of business	Significant sources of GHG emissions	Reduction strategies
Accommodation e.g. hotel, B&Bs,	<ul style="list-style-type: none"> Energy consumption e.g. heating, ventilation and air-conditioning (HVAC), cooking, refrigeration, hot water usage from fossil-fuel powered boilers, lighting, appliances and other electrical equipment. 	<ul style="list-style-type: none"> Improve the energy efficiency of facilities by implementing energy-saving measures, such as upgrading lighting systems to LED or other energy-efficient options, installing room electricity systems so that lights and air con etc. can only be turned on when guests are in the room, installing programmable thermostats, optimizing HVAC systems, using energy-efficient appliances, installing insulation, and using energy management systems to monitor and control energy consumption. Where possible, transition to renewable energy sources, such as solar panels or wind turbines, to reduce reliance on fossil fuels and decrease indirect emissions associated with energy consumption. Guest engagement/awareness-raising initiatives to promote sustainable practices such as water and energy conservation e.g. only selecting to have rooms cleaned/towels washed when necessary rather than daily, only using air con when needed, choosing plant-based and locally sourced meal options etc. Install low-flow taps and shower heads.
	<ul style="list-style-type: none"> Waste e.g. solid, food, and other non-recyclable materials 	<ul style="list-style-type: none"> Implement comprehensive waste management strategies that prioritize waste reduction, recycling, and composting. Look into partnering with local food waste and/or homeless charities to repurpose food and reduce waste.
	<ul style="list-style-type: none"> Transportation (although not directly within a hotel's control, guest and staff transportation can be a significant source of emissions) 	<ul style="list-style-type: none"> Explore options for using low-emission or zero-emission vehicles, such as electric or hybrid vehicles, for guest shuttles, airport pick-ups etc. Encourage staff and customers to car share and use public transportation or electric and other low-emission vehicles, wherever possible.

		<ul style="list-style-type: none"> Promote walking and cycling options to guests for trips outside the hotel
Restaurant/Eatery	<ul style="list-style-type: none"> Food production and sourcing e.g. the production, processing, and transportation of food 	<ul style="list-style-type: none"> Increase/prioritize plant-based options in your menu. Increase/prioritize locally sourced ingredients, and seasonal produce to reduce emissions associated with animal agriculture and long-distance transportation. Encourage customers to play their part to reduce waste and GHG emissions associated with food by selecting more plant-based and local food options. Work with suppliers to encourage reductions in packaging, and low-emission transportation and delivery etc.
	<ul style="list-style-type: none"> Energy consumption e.g. heating, ventilation and air-conditioning (HVAC), cooking, refrigeration, lighting, appliances and other electrical equipment. 	<ul style="list-style-type: none"> Upgrade kitchen appliances and lighting to more energy-efficient models. Train staff to use eco-modes, where possible. Install programmable thermostats, insulation, and efficient HVAC systems to reduce energy consumption.
	<ul style="list-style-type: none"> Waste e.g. solid, food, and other non-recyclable materials 	<ul style="list-style-type: none"> Implement comprehensive waste management strategies that prioritize waste reduction, recycling, and composting. Look into partnering with local food waste and/or homeless charities to repurpose food and reduce waste. Opt for sustainable packaging materials and encourage/offer incentives to customers to bring their own containers for take-away collections.
Excursion provider	<ul style="list-style-type: none"> Transportation powered by fossil fuels e.g. tour buses, vans, boats, or other motorized vehicles used to transport guests to and from excursion sites. 	<ul style="list-style-type: none"> Explore options for using low-emission or zero-emission vehicles, such as electric or hybrid vehicles, for transportation during excursions. Review your tours and excursions to see where the use of motorized vehicles could be eliminated altogether and replaced with fuel-free options such as walking, cycling, rowing, horse riding etc. For water-based excursions, consider efficient and low-emission vessel options.

		<ul style="list-style-type: none"> • Explain and promote low-carbon tour options to customers - include interpretation materials for wildlife and natural habitats and guidelines for their protection.
	<ul style="list-style-type: none"> • Waste e.g. solid, food, and other non-recyclable materials 	<ul style="list-style-type: none"> • Implement comprehensive waste management strategies that prioritize waste reduction, recycling, and composting. • Encourage staff and visitors to participate in waste reduction and recycling initiatives. • Encourage the use of reusable or recyclable and compostable materials during excursions.
Tourist attraction e.g. museum, theme park, cultural attraction	<ul style="list-style-type: none"> • Energy consumption e.g. heating, ventilation and air-conditioning (HVAC), cooking, refrigeration, lighting, appliances and other electrical equipment. 	<ul style="list-style-type: none"> • Implement energy-efficient practices and technologies. This includes upgrading lighting systems to LED or other energy-efficient options, installing programmable thermostats, optimizing HVAC systems, and using energy management systems to monitor and control energy consumption. • Where possible, source energy from renewable sources, such as solar panels or wind turbines, to reduce reliance on fossil fuels and decrease indirect emissions associated with energy consumption.
	<ul style="list-style-type: none"> • Waste e.g. solid, food, and other non-recyclable materials 	<ul style="list-style-type: none"> • Implement comprehensive waste management strategies that prioritize waste reduction, recycling, and composting. • Encourage staff and visitors to participate in waste reduction and recycling initiatives.
	<ul style="list-style-type: none"> • Transportation (although not directly within the business' control, customer and staff transportation can be a significant source of emissions) 	<ul style="list-style-type: none"> • Encourage staff and customers to car share and use public transportation or electric and other low-emission vehicles, wherever possible.