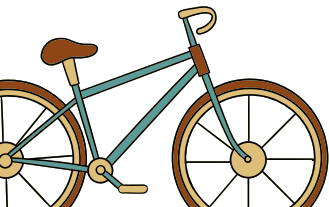


Eco Travel & Tourism





Eco Issues with Tourism

Understanding the Impact of Travel

✗ Key Environmental Problems

Carbon Emissions

Air travel is a major source of CO₂; contributes to climate change.

Overtourism

Crowds damage ecosystems, wildlife habitats, and local heritage sites.

Water Use

Hotels & resorts often consume huge amounts of water, straining local supply.

Waste Generation

More single-use plastics, litter, and sewage – often in areas with poor waste systems.

Loss of Biodiversity

Development for tourism can destroy habitats (coasts, forests, coral reefs).

Energy Demand

High electricity use for transport, accommodation, and activities.

Cultural Strain

Over-commercialisation can erode local traditions and authenticity.



✓ Greener Tourism Solutions

Choose Low-Carbon Travel

Use trains, ferries, buses; offset flights.

Stay in Eco-Certified Accommodation

Supports hotels with sustainable water, waste & energy practices.

Travel Off-Peak

Reduces strain on ecosystems & infrastructure.

Respect Nature & Culture

Follow local rules, support local businesses, protect heritage sites.

Avoid Single-Use Plastics

Bring reusable bottles, cutlery, and bags.

Support Conservation Projects

Visit nature reserves, volunteer for cleanups, donate to local efforts.

Why It Matters

Tourism accounts for 8–10% of global CO₂ emissions.

Local ecosystems & communities depend on responsible visitors.

Greener choices make holidays more meaningful and sustainable.



Greener Travel Choices

Alternatives to Flying

Train Travel

Up to 90% less CO₂ emissions compared to flying (per passenger km).

Coach / Bus

Efficient, shared travel with lower emissions per person.

Ferries & Ships

Lower carbon footprint for short distances; can combine with rail.

Carpooling / Rideshare

More efficient than single-passenger car trips.

Virtual Travel

Video calls / virtual conferences remove need for business flights.

Stacycation

Explore local destinations — zero air miles!

If You Must Fly

Fly Direct

Takeoff & landing produce most emissions — fewer stops = lower footprint.

Choose Economy Class

More passengers per flight = lower CO₂ per person.

Offset Your Flight

Support certified carbon offset projects (trees, renewables).

Pick Fuel-Efficient Airlines

Some carriers use newer, more efficient planes.

Pack Light

Less weight = less fuel burned.

Avoid Short-Haul Flights

Replace with train/bus if under 1,000 km.

Why It Matters

- Air travel makes up 2–3% of global CO₂ emissions and is one of the fastest-growing sources.
- Choosing low-carbon travel options significantly reduces your personal footprint.
- Small changes by many travellers = big collective impact.

Greenest Airlines of 2025

Based on CO₂ per Available Seat-Kilometre (ASK)

Top Airlines by Emissions Efficiency

1

Wizz Air

~ 53.9 g CO₂ / ASK

Young fleet, high seat density, efficient operations.

2

Frontier Airlines

~ 54.4 g CO₂ / ASK

Efficient US carrier featuring newer aircraft.

3

Pegasus Airlines

~ 57.1 g CO₂ / ASK

Turkey-based; good mix of modern jets and operational efficiency.

4-10

Others in top 10 include: Volaris, IndiGo, Spirit, Scoot, SunExpress, Jetstar

(Similar ranges in the 55-65 g CO₂ / ASK bracket for many)

*ASK = “Available Seat Kilometer” — a measure of how much CO₂ is emitted for each seat offered on flights per kilometer. Lower = better.

Notes & Caveats

- These figures don’t fully include Sustainable Aviation Fuel (SAF) usage or the total lifecycle emissions for aircraft manufacturing, etc.
- Emissions per ASK improve with fleet age, seat density, efficient routing / less taxi / better flight planning.
- Even airlines that are efficient per seat may still have high total emissions due to large volume of flights.
So being “greenest” isn’t the same as being “low overall impact.”



Green Travel Options from Jersey

Travel Smart, Travel Light



Greener Choices

Ferry + Train/Coach

Much lower CO₂ than flying. Combine DFDS Ferries with UK trains or coaches for a low-carbon trip.

Direct Flights

Avoids extra take-offs & landings, which are the most polluting part of flying.

Choose Efficient Airlines

Pick airlines with newer planes and carbon-offset programmes (e.g. Blue Islands offsets flights).

Travel Off-Peak

Less congestion = fewer delays, less fuel wasted.

Car-Free Travel





Walk, cycle, or use public transport at your destination to cut emissions.

Staycation

Explore Jersey's beaches, heritage sites & trails – zero air miles!



Extra Tips

-  Offset Your Trip – Support certified carbon offset schemes (trees, renewables).
-  Pack Light – Less weight means less fuel used.
-  Plan Ahead – Ferries and trains can be cheaper if booked early.
-  Share Transport – Carpool for groups or events when flying isn't needed.





Green Travel Companies

G Adventures

Climate Action (halve carbon footprint by 2030), reduce single-use plastics, respect for local cultures & animal welfare.

<https://www.gadventures.com/>

Responsible Travel

Offers holidays that prioritise environmental protection, local community benefit, and authenticity.

<https://www.responsibletravel.com/>

Go Tours UK

Small-group travel (≈16 people), offsets carbon footprint, works with eco-friendly accommodation, supports local businesses.

<https://www.gotoursuk.com/blogs/on-tour/sustainability>

Adventurous Ewe

Positive-impact tourism, strong ethical standards (no exploitative animal-orphanage visits), conservation & education focus.

<https://www.adventurousewe.co.uk/responsible-travel/>

Naturetrek

Naturalist-led wildlife tours, biodiversity protection, carbon-reduction initiatives, supports environmental projects.

<https://www.naturetrek.co.uk/sustainable-tourism>

Wilderness England

High environmental standards; carbon-labelling of trips; uses conservation & community funds; strong emissions targets.

<https://www.wildernessengland.com/sustainability/>

Macs Adventure

Self-guided walking & biking; encourages low-impact travel; uses smaller-scale/local lodging; good local economic support.

<https://www.macsadventure.com/us/walking-tours/uk-walking-tours/channel-islands/>



How to Offset Carbon When Travelling

Reduce → Offset → Travel Responsibly



Calculate Your Footprint



Flights

Use calculators like ICAO or MyClimate – enter route, class, and plane type.



Car Trips

Check CarbonFootprint.com – based on distance & vehicle type.







Trains & Buses

Usually very low emissions, but you can still include them.



Reduce First

-  Fly Direct – fewer take-offs/landings = lower CO₂.
-  Use Train or Ferry for short distances.
-  Pack Light – saves fuel.
-  Share Transport – more people = lower emissions per person.
-



Offset the Rest

Offset Method Trusted Providers

Buy Carbon Credits

Gold Standard, Verra VCS, MyClimate

Tree Planting / Forest Protection

Tree-Nation, Durrell Rewild Carbon

Renewable Energy Projects

ClimateCare, Atmosfair


✔ Always look for certified offsets (Gold Standard, VCS, Plan Vivo) to ensure real impact.



Why It Matters

- Balances out unavoidable travel emissions.
- Supports global reforestation & clean energy.
- Protects biodiversity & local communities.

Carbon Offset Providers

 Trusted Options for Greener Travel

 Recommended Organisations

Gold Standard

Certifies high-quality climate projects: renewables, reforestation, clean water.

 goldstandard.org

Verra (VCS)

Global Verified Carbon Standard supporting large-scale projects worldwide.

 verra.org

MyClimate

Easy flight & trip calculator + climate protection projects.

 myclimate.org

Atmosfair

Aviation-focused nonprofit funding renewable energy & efficiency projects.

 atmosfair.de

Climate Impact Partners

Projects that cut carbon AND improve lives (solar, cookstoves, clean water).

 climateimpact.com

Tree-Nation

Plant trees and track your CO₂ compensation online.

 tree-nation.com

Cool Effect

Methane capture, forest protection, and renewable energy projects.





 cooleffect.org

Durrell – Rewild Carbon (Jersey)

Local project restoring forests & saving endangered species.


 durrell.org/wildlife/rewild-carbon

Offsetting Tips

-  Choose certified offsets (Gold Standard, VCS, Plan Vivo).
-  Look for transparency: where your money goes, what results are measured.
-  Combine with low-carbon travel choices — trains, ferries, carpooling.
-  Use offsets for unavoidable flights only, and reduce where possible.

Greenest Ways to Travel

Choose Low-Carbon Journeys

  **Best Travel Options**

Train Travel

Up to 90% less CO₂ than flying per passenger km. Electric trains are even cleaner if powered by renewables.

Coach / Bus

Very low emissions per person thanks to shared travel.

Ferry + Train

Great alternative to short flights – combine ferry to UK with onward train.

Carpool / EV Hire

Share rides to reduce emissions per passenger, or choose electric vehicles.

Cycle

Zero air miles when you cycle!



Staycation

Explore local islands, beaches, trails – zero air miles!

