



Sustainability, Climate Action & Emissions Reduction Plan

For Undumeri Expeditions –Side-by-Side (SxS) Tour in the East Kimberley

1. Expedition Overview

Duration: Multi-day

Location: East Kimberley, Western Australia

Mode of Transport: Side-by-side off-road vehicles

Participants: Maximum 12x Customers (7x SxS Vehicles)

Activities: Remote travel, cultural site visits, camping, community interactions, other opportunities that may arise during the tour include Aboriginal traditional hunting and fishing as well as artefact making

2. Sustainability Plan

Environmental Stewardship:

- - Leave No Trace principles observed at all sites
- - Camp waste audit and all rubbish packed out
- - Use biodegradable soaps and no detergent near waterways
- - Refuelling only in designated areas to avoid fuel spills
- - Refuelling carried out by Undumeri Expeditions staff members only

Cultural Respect & Community Engagement:

- - Engage Traditional Owners for cultural approvals and permissions
- - Support local Aboriginal businesses for supplies, guides, or art
- - Use local knowledge to avoid ecologically sensitive or sacred areas

Waste & Water:

- - Carry refillable water containers (no single-use bottles)
- - Daily waste segregation: compostable, recyclable, landfill
- - Portable toilet systems used, with waste disposed responsibly

Resource Efficiency:

- - Use solar-powered systems for lighting and charging
- - Track and manage water and fuel usage to reduce waste

3. Climate Action Plan

Emissions Baseline:

- - Estimate emissions from vehicle fuel, generator use, food transport, etc.

Climate-Conscious Practices:

- - Prefer fuel-efficient or hybrid SxS models
- - Coordinate shared vehicle use to reduce unnecessary driving
- - Plan optimal routes to reduce mileage
- - Plan meals to reduce spoilage and transport trips

Offsetting Emissions:

- - Calculate the expedition's carbon footprint
- - Offset emissions through certified programs (e.g., Greenfleet Australia)
- - Offer participants the option to contribute to offsets

4. Emissions Reduction Plan

Fuel Efficiency:

- - Maintain proper tire pressure and engine tuning

- - Train drivers in eco-driving techniques
- - Use cleaner-burning fuels where possible

Equipment:

- - Prioritise solar energy for lights, charging, and fridge powering
- - Avoid generators where possible

Procurement:

- - Purchase local goods to reduce transport emissions
- - Avoid high-emission packaged goods
- - Reuse expedition gear and invest in durable equipment

5. Sample Emissions Calculation

SxS Vehicles: 3 vehicles x 10L/day x 10 days = ~300 kg CO₂e

Support 4WD Vehicle: 1 vehicle x 15L/day x 10 days = ~450 kg CO₂e

Camp Generator: 1hr/day x 10 days = ~50 kg CO₂e

Food & Supplies Transport: ~100 kg CO₂e

Estimated Total: ~900 kg CO₂e

Example Offset: Planting 4 native trees (~1 tonne CO₂e)

6. Education & Awareness

- - Daily sustainability briefings
- - Share cultural protocols and environmental ethics
- - Record and share learnings with community or online post-trip

7. Post-Expedition Review

- - Conduct an impact assessment: waste, emissions, community feedback
- - Report outcomes to Traditional Owners and stakeholders
- - Plan improvements for future expeditions