

Emission Reduction Plan



Penghana Bed & Breakfast

Member Number: AU04751924

Reporting Period: FY2024

Industry: Accommodation, Tourism & Food Services

Date of Report: 19 February 2024

Member Since: Nov 2023

Location/s: Tasmania

ERC Protocol Stage 4

Accreditation:

ERC Protocol	Action Detail	By When	Status
1: Commit	We are committing to take action to reduce carbon emissions		
	Carbon emissions footprint: 5.2 tonnes Top Three of emissions:		✔ Complete
2:Reduce	We are adjusting operations to reduce emissions		
	Set a new protocol for suppliers	We will adopt the ERC programme as a minimum requirement	1-2 Years ⊖ Not Commenced
	Purchase more efficient combustion vehicles	We replaced our motor vehicle in July 2022 with a new vehicle which is much more efficient. Our plan to transition to a hybrid or electric car is in the futur.	On-Going ✔ Complete
	Reduce waste to landfill	We adopted using 2 recycling bins from our local council 8 years ago	On-Going ✔ Complete
	Reduce the waste from our products and services	We committed to purchasing bulk products across the business more than 4 years ago. This includes single use water bottles, providing guests with decanted milk from 3L containers into china/glass rather than supply individual single use options, bulk supplies of shampoo/conditioner/moisturiser/body wash/room freshner/diodegradable slippers. We choose to purchase F& V and meats, eggs etc. that aren't prepacked	On-Going ✔ Complete
	Buy second hand furniture	Given the decor of this business we source 2nd hand period style timber furniture (eg. bedside tables, vintage tableware, silverware etc)	On-Going ✔ Complete
	Source greener office supplies	We purchase recycled copy paper We refill ink cartridges We print double sided where appropriate We use recycled note books We use QR codes instead of compendiums	On-Going ✔ Complete
	Adopt Australian made	We endeavour to source Australian made in the first instance, or Australian supplied.	On-Going ✔ Complete
	Choose sustainable suppliers	We purchase from recognised sustainable suppliers	On-Going ✔ Complete
	compost	create an accessible, safe to use, easy to utilize, inaccessible to wildlife and vermin, easily converted	1-2 Years ⊖ Underway
	Recyclable coffee pods	Work with pod supplier to change from 'single use' to recyclable.	1-2 Years ⊖ Underway
	Initiate dicussions with Landlord to install solar	This business relies on electricity for guest comfort and providing timely, reliable and efficient power sources for refrigeration, cooking, heating, laundry, use of appliances, electronics tc.	1-2 Years ⊖ Not Commenced
	Increase freight efficiency	Rather than react to stock needs - instil better planning so ordering is done fortnightly	This Year ⊖ Underway
	Choose sustainable logistics	We don't have choice of couriers to a remote area but we will endeavour to keep abreast of which companies are doing what in an effort to support their initiatives	On-Going ⊖ Not Commenced
	Reduce emissions from our products and services	Our product is both a service and requires extensive use of laundry equipment. We have moved 50% of our rooms to a 2 night minimum stay to lessen 'turnaround' of the laundering of sheets/towels etc.	On-Going ✔ Complete
	Source biodegradable and recycled packaging	We have introduced disposable slippers for guests that are biodegradable and don't have plastic packaging. We also use a sheer satin look sachet for guest toiletries that aren't part of the bulk supply so it can be recycled. Guests comment on this initiative regularly.	On-Going ✔ Complete
	Adopt lower emission equipment	We have only one more piece of refrigeration equipment to replace which will be more energy efficient.	1-2 Years ⊖ Not Commenced
	Implement a program with tenants	We have opened up discussion with our landlord about the provision of solar.	3-5 Years ⊖ Underway
	Reduce emissions from assets leased to others	It is impractical for us to consider changing our vehicle at 18 months old. We had hoped our previous vehicle would have lasted another 100,00 km so we could transition to a hybrid or electric vehicle but when a urgent need for change arose,	3-5 Years ⊖ Not Commenced

		there were NO vehicles available (petrol or electric during COVID) and we needed wheels.		
	Use sustainable products	We use sustainable products (cleaning and guest supplies) and source from responsible agents	On-Going	✔ Complete
	Source locally	As we live remote, we have limited options to source within our postcode. Whatever we do have access to, we make a priority We already utilise 2 transport courier companies who deliver weekly which is efficient	On-Going	✔ Complete
	End single use plastics	We no longer use single use guest amenities. We have reusable storage containers We maintain reusable shopping bags in our vehicle	On-Going	✔ Complete
	Replace lighting with LEDs	We have replaced all lights of our building with LED lights	On-Going	✔ Complete
	Adopt energy efficient equipment	In past 5 years we have replaced all refrigeration equipment to gain efficiency. We choose appliances that are more energy efficient	On-Going	✔ Complete
	Implement hybrid working	We already outsource to 2 self employed industry specialists who work from home (marketing and book keeping)	On-Going	✔ Complete
	Encourage bikes and scooters	We may consider acquiring a scooter/bike for an employee in the future.	3-5 Years	⊖ Not Commenced
	Reduce employee commute	Look at a live in staff member	1-2 Years	⊖ Not Commenced

3: Avoid 	We are adopting renewables for purchased power			
	Our Locations Queenstown	Current Renewable Adoption Leading Renewable Retailer 90%	Action for 100% transition Leading Renewable Energy Retailer Solar panels	Goal for 100% Transition By 2030

4: Support 	We sponsor projects that remove our unavoidable emissions			
	Volume 1 tonnes Equivalent to removing the emissions from: 0 Petrol SUVs traveling 15,000 km. and 0.2 Tonnes of municipal solid waste. and 0 Passengers on a 1.5hr flight.	Project Tasmanian Forest Growth > TAS Located in Northern Tasmania, this fully certified sustainable plantation forestry carbon project draws down an extra 200,000 tonnes of carbon emissions from the atmosphere by growing trees for an extra 10 years. This also helps to transition trees into structural timber to store carbon away for generations and supports regional jobs.	Each Year	✔ Complete

5: Sustain 	We are sustaining our decarbonisation program			
	Maintain stages 1-4 for 5 years		Nov 2028	⊖ Underway

Extending my impact: Supporting and inspiring other businesses to decarbonise

Groups I have joined
 Tasmanian Tourism Industry (Member)

Estimated Carbon Emissions are calculated from user input into the Emissions Estimator which uses recognised emission standards, including the GHG protocol, ISO14064, EPA Guidelines and those issued by the Department of Climate Change, Energy, the Environment and Water
 Emissions Estimator is powered by carbonhalo