

Emission Reduction Plan



Moonlit Sanctuary Wildlife Conservation Park

Member Number:	AUI3210505	12 Month Ending:	Apr 2026
Industry:	Accommodation, Tourism & Food Services	Date of Report:	19 June 2026
		Member Since:	May 2026
Location/s:	Victoria	Core Stages:	Complete



Stage / Option	Action Detail		By When	Status
1:Measure	We are committing to take action to reduce carbon emissions			
	Carbon emissions footprint: 3715.1 Less sponsored offsets: 0 tonnes Net carbon emissions footprint: 3715.1 tonnes Emission data validation: Estimated Detailed Insights, verified and input by the Member. Top Three of emissions: Upstream – Transport & Distribution, Upstream – Purchased Goods & Services, Upstream – Employee Commute			✔ Complete
2:Reduce	We are adjusting operations to reduce emissions			
	Reduce power used to heat and cool	We encourage staff to run heating at 18-20C and cooling at 24-26C. We run our HVAC within these parameters in our visitor centre.	By 2026	✔ Complete
	Reduce waste water	We are using recycled wastewater from our upgraded Septic System to water our Koala Browse plantation at Pearce Dale. The wastewater is collected across our business, including toilets, bathrooms, kitchen and other facilities onsite.	By 2026	✔ Complete
	Use sustainable products	We use Ozone/oxygen nanobubbles for cleaning our utensils which eliminates bacteria, fungi (e.g., Pythium), algae, viruses, and parasites on contact with no residues and without the use of detergents.	By 2024	✔ Complete
	Source locally	Wherever possible we source local products across business departments to reduce transport emissions.	By 2027	⊖ Underway
	End single use plastics	We will investigate alternatives to single use plastics (both in products for sale and cafe food/beverages).	By 2027	⊖ Not Commenced
	Install composting	We ensure that food waste from our Life Sciences department is disposed in the appropriate FOGO bin supplied by Casey Council for composting.	By 2026	✔ Complete
	Reduce waste to landfill	We ensure that recyclable products are disposed of through the appropriate waste stream.	By 2026	⊖ Underway
	Adopt energy efficient equipment	As appliances reach end of life they will be replaced with high energy star replacements.	By 2027	⊖ Underway
	Replace lighting with LEDs	Where possible, LED/energy efficient lighting will be installed to replace older style inefficient lighting. Where lighting is replaced in animal enclosures, automation of on/off functions will also be installed.	By 2027	⊖ Underway
	Conduct an energy audit	We plan to conduct an energy audit to assist us to make business decisions about power use.	By 2027	⊖ Not Commenced
	Increasing generation of Solar Energy	We will increase the amount of solar panels onsite to offset power consumption from the grid.	By 2027	⊖ Not Commenced
	More efficient use of Moonlit vehicles	Combine jobs for vehicle use to ensure wasted trips don't occur.	By 2026	✔ Complete
	Encourage ride-sharing	Encourage staff to car pool where possible.	By 2026	⊖ Underway
	Use climate friendly business and suppliers	Identify and collaborate with climate change conscious businesses/suppliers when procuring goods and services.	By 2027	⊖ Underway
	Construction and Landscaping	Purchase sustainable materials to build/refurbish enclosures and other buildings. Use indigenous and drought tolerant plants across the site to reduce water consumption.	By 2026	⊖ Underway
	Buy second hand furniture	ReUse office and other furniture for offices where appropriate.	By 2025	✔ Complete

Source greener office supplies	Ensure purchase of FSC certified and/or 100% post consumer waste paper products for our office and for our beverage containers.	By 2025	✔ Complete
Product Packaging	Use re-washable packaging where appropriate in the cafe. Use recyclable packaging in the cafe/giftshop. Use the dishwasher when it is fully loaded (no half loads) in the kitchen.	By 2025	✔ Complete
Food and materials purchasing	Purchase in-bulk food and materials where available to reduce packaging and transport costs.	By 2025	✔ Complete
No Print policy	Do not print out emails/reports/attachments and use soft copy wherever possible. Where printing must be undertaken use double sided printing to reduce paper usage.	By 2024	✔ Complete
Reduce paper hand towel consumption	Install all public toilet facilities with hot air hand cleaners/dryers to replace paper towels.	By 2024	✔ Complete
Transition to digital only marketing	Transition to a fully digital-only marketing strategy by shifting all promotional efforts and brand building initiatives from traditional channels to digital platforms.	By 2024	✔ Complete
Groundskeeping - spent browse and mulch to reduce waste/water consumption	Mulch spent browse once animals have finished with it for utilisation on the site. Use mulch from any tree lopping on garden beds.	By 2024	✔ Complete
Reduce interstate business travel	We will aim to decrease the number of flights taken by staff where possible by only including one staff member to attend. This will also reduce the amount of accommodation/meals required.	By 2026	⚡ Underway
Reduce the waste from our products and services	We are aiming to reduce packaging waste from products sold in our cafe by adopting recyclable and eco-friendly options.	By 2027	⚡ Underway
Reduce waste to landfill	We will continue to reduce waste to landfill by ensuring waste is processed through the correct waste stream. Recyclable materials will be sorted and collected separately. 10c Deposit Beverage Containers will be sorted and collected and recycled by Scouts Victoria. Ewaste and Scrap Metals will be disposed of responsibly through correct disposal programs. Recycling bins and education information is across the site to encourage visitors to recycle correctly.	By 2026	✔ Complete
Water Efficiency	Install water efficient systems and purchase water efficient appliances	By 2025	✔ Complete
Plantation management at Pearcedale	Use recycled/reclaimed water from the Septic Wastewater system to irrigate gum plantation (Koala leaf chop)	By 2026	✔ Complete
Single use plastics for bottled water	Water fountains installed across the site to reduce bottled water consumption. Water in aluminium cans available through the cafe.	By 2025	✔ Complete
Minimising Food Waste and disposal	Waste disposal: Ensure any food waste (cafe or Life Sciences) is disposed of through council fogo bin. Waste minimisation: Take increased care to cook/prepare quantity of food appropriate to guest numbers/animal requirements. Increased care to purchase quantity of food appropriate to fulfil animal nutritional needs. Where suitable allow staff to take home any unsold food (from cafe)	By 2025	✔ Complete
Reducing paper and cardboard waste	Where possible re-use brochures, guests are encouraged to give back publications. Ensure Electronic format of guest materials is readily available. Recycle used brochures, newspapers, cardboard and other paper products (except waxed or glossy) through dedicated recycling skips.	By 2025	✔ Complete
Adopt Australian made	We will source locally made products wherever possible, this includes purchases for resale and materials for repairs, maintenance and construction.	By 2026	⚡ Underway
Choose sustainable suppliers	Wherever possible we will support suppliers who are taking action to reduce emissions. We note that some goods we purchase are from suppliers who haven't started emissions reductions programs and there are no alternate options for to purchase goods/services.	By 2026	⚡ Underway
Increase freight efficiency	We will make every endeavour to source products within Australia to mitigate emissions from international air freight.	By 2026	✔ Complete
Reduce emissions from our products and services	Construction: We will develop a framework for design of enclosures (new build or refurbishment) that reviews options to reduce emissions. Cafe products: We will review the impact of	By 2027	⚡ Not Commenced

		packaging on emissions and develop a plan to reduce packaging. Gift Shop: We will develop a framework for procurement of goods that reviews options to reduce emissions.			
	Source biodegradable and recycled packaging	Wherever possible and practical we will source only biodegradable and recycled packing for our food products sold through the cafe.		By 2026	✔ Complete
	Green Power	Encourage our electricity supplier to purchase green energy (we purchase our electricity 'second hand' from ARC) Investigate the potential for a direct meter/customer relationship with United Energy		By 2028	⚡ Underway
	Eliminate combustion equipment	We will use battery powered equipment where possible which is powered through the grid and our solar panel arrays.		By 2026	⚡ Underway
	Adopt lower emission equipment	We are upgrading our Ride On Mower to a more modern equivalent which: - includes a more efficient engine offering cleaner combustion and better fuel economy - is made in Australia - is built for longevity and high repairability		By 2026	⚡ Underway
	Phase out high impact investments	We do not invest in fossil fuel industries or other high GHG emissions impact sectors.		By 2024	✔ Complete
	Energy efficiency, servicing and maintenance	We will ensure all equipment heating, cooling and ventilation services are in working order and regularly serviced.		By 2025	✔ Complete
	Carbon Credits for air travel	Along with reduction of the number of flights we will purchase carbon offsets where they are available for every flight.		By 2026	⚡ Underway

3:Avoid	We are adopting renewables for purchased power				
	Our Locations	Current Renewable Adoption	Action for 100% transition		Goal for 100% Transition
	Pearcedale	Solar panels	10%	GreenPower	By 2030 ✔ Complete

Support

I'm supporting other businesses in efforts to combat climate change

Groups I have joined:

Business community climate action program

Industry climate action program

Supplier climate action program

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