PUBLIC DISCLOSURE STATEMENT

PINETREES LODGE PTY LTD

ORGANISATION
FY 2019-2020

Australian Government

Climate Active
Public Disclosure Statement

pinetrees
SINCE 1848 • LORD HOWE ISLAND

An Australian Government Initiative

Climate Active

NAME OF CERTIFIED ENTITY: Pinetrees Lodge Pty Ltd (ABN 58 919 365 157)

REPORTING PERIOD: 1 July 2019 – 30 June 2020

Declaration

To the best of my knowledge, the information provided in this Public Disclosure Statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.

Signature [signature] Date 1/6/21

Name of Signatory Luke Hanson

Position of Signatory Director

Australian Government
Department of Industry, Science, Energy and Resources

1. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year from 1 July 2019 to 30 June 2020 and covers the business operations of Pinetrees Lodge.

"We are completely surrounded by water and the effects of climate change are real and dramatic so being involved in Climate Active is very important to our organisation."

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007. This includes the following locations and facilities:

- Pinetrees Lodge, Lord Howe Island NSW
- Suite 3, Level 1, 50 Clarence Street, Sydney 2000 NSW

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF_6) and nitrogen trifluoride (NF_3). These have been expressed as carbon dioxide equivalents (CO_2-e) using relative global warming potentials (GWPs).

Organisation description

Pinetrees Lodge is the largest business on Lord Howe Island. The lodge caters for 75 guests and has approximately 35 fulltime and casual staff. Pinetrees is one of the oldest hotel businesses in Australia – six generations of the same family – and it's also one of the most remote. We manage our water, wastewater, waste and fuel (petrol, diesel and gas) on site. Our electricity is provided from the island-wide electricity grid. We run a commercial restaurant, commercial laundry and luxury accommodation operation, and most of our guests stay on a full-board tariff that includes breakfast, lunch, afternoon tea and dinner. Our operation is full service, and guests often join one of our guided event weeks, such as ocean swimming, hiking, photography and wellness. We also run a weekly conservation tour to showcase our emission reductions, conservation and environmental management initiatives.

2. EMISSION BOUNDARY

Diagram of the certification boundary

Quantified	Non-quantified	Excluded
Electricity	*N/A*	*Guest Flights*
Telecommunications		
IT Equipment		
Office Paper		
Printing & Stationery		
Merchandising		
Clothing		
Furniture		
Cleaning Supplies		
Building Supplies		
Employee Commute		
Business Flights		
Business Fuel Use		
Postage & Couriers		
Advertising		
Servicing & Repairs		
Freight		
Food & Beverage		
Waste (Landfill & Recycling)		
Refrigerants		
Working from Home		

Non-quantified sources

N/A

Data management plan

N/A

Excluded sources (outside of certification boundary)

Emissions from Guest Flights have been excluded as it has been assessed as not relevant according to the relevance test.

"We are committed to reducing our impact on the environment and Climate Active is a key step in achieving this."

3. EMISSIONS SUMMARY

Emissions reduction strategy

We've spent over five million dollars on renovations since 2013. The work has included the complete renovation of all guests rooms (following solar passive design principles), a 95% conversion to LED lights, installation of new wiring and switch boards, installation of new commercial refrigeration plant, installation of new bar fridges, construction of an undercover drying deck to reduce the use of the commercial dryers, installation of water saving taps and toilets in all guest rooms and installation of state-of-the-art Fuji wastewater systems. We have also changed the restaurant and laundry operations to reduce water and power consumption, invested in new vehicles, removed heaters from guest rooms, reduced our waste, stellated worm farms and compost bins and built large organic market garden to limit food miles.

In the near future, the Lord Howe Island Solar PV Hybrid Renewable Energy Project will convert 75% of our diesel-powered electricity to solar-powered electricity. We've also commenced our Sallywood Swamp Forest Restoration Project, in collaboration with the NSW Government, which will initially plant over 6,000 trees in a 2-hectare corridor through our back paddock.

Our next initiative – once we recover from the financial impact of covid-19 – is an upgrade of our hot water system. At this stage, we're investigating a solar powered heat-pump system, but this may change once we evaluate the best options.

Our restaurant is responsible for a large proportion of our emissions. In response, we will be using carbon neutral beef from our Climate Active partners, Five Founders Beef.

We will also be purchasing carbon neutral office paper and coffee cups from Biopak.

A more detailed strategy with key targets and timeframes will be prepared over the next two years.

Emissions over time

Covid-19 had an impact on our business in the March quarter of 2020. Our premature closure resulted in a reduction of emissions in all areas.

In 2019/20, we calculated the emissions from the commutes of our Pinetrees Travel staff in Sydney, and have now accounted for these emissions.

Table 1

Emissions since base year		
	Base year: 2018-2019	Current year 2019-2020
Total tCO2e	1,123.6	1,117.7

Emissions reduction actions

Emissions associated with food ingredients and freight saw the most significant reductions from the COVID-19 pandemic.

Pinetrees is committed to a continual reduction of our carbon footprint across all areas of our operation.

Emissions summary (inventory)

All emissions are shared with the Service certification. The corresponding PDS can be found here.

Table 2

Emission source category	tonnes CO_2-e
Air Transport (km)	7.136
Cleaning and Chemicals	14.072
Construction Materials and Services	31.034
Electricity	4.071
Food	613.691
ICT services and equipment	3.847
Land and Sea Transport (fuel)	9.834
Land and Sea Transport (km)	1.748
Machinery and vehicles	2.434
Office equipment & supplies	40.644
Postage, courier and freight	213.331
Products	1.698
Professional Services	17.714
Refrigerants	9.309
Stationary Energy	143.032
Waste	3.791
Working from home	0.305
Total Net Emissions	1,117.690

Uplift factors

Table 3

Reason for uplift factor	tonnes CO_2-e
N/A	N/A
Total footprint to offset (uplift factors + net emissions)	1,117.690

Carbon neutral products

Pinetrees use Winc carbon neutral office paper.

This assessment and Climate Active submission was prepared with the assistance of Pangolin Associates and these services are also carbon neutral.

Electricity summary

Electricity was calculated using a Location-based approach.

The Climate Active team are consulting on the use of a market vs location-based approach for electricity accounting with a view to finalising a policy decision for the carbon neutral certification. Given a decision is still pending on the accounting way forward, a summary of emissions using both measures has been provided for full disclosure and to ensure year on year comparisons can be made.

Market-based approach electricity summary

Table 4

Electricity inventory items	kWh	Emissions (tonnes CO2e)
Electricity Renewables	841	0.000
Electricity Carbon Neutral Power	0	0.000
Electricity Remaining	3,682	3.981
Renewable electricity percentage	19%	
Net emissions (Market based approach)		*3.981*

Location-based summary

Table 5

State/ Territory	Electricity Inventory items	kWh	Full Emission factor (Scope 2 +3)	Emissions (tonnes CO2e)
ACT/NSW	Electricity Renewables	-	-0.90	0.000
ACT/NSW	Electricity Carbon Neutral Power	-	-0.90	0.000
ACT/NSW	Netted off (exported on-site generation)	-	-0.81	0.000
ACT/NSW	Electricity Total	4,524	0.90	4.071
	Total net electricity emissions (Location based)		*0.90*	*4.071*

4. CARBON OFFSETS

Offset purchasing strategy: in arrears.

Offsets detailed in this certification also relate to the Pinetrees Service PDS, found here.

Offsets summary

Table 6

1. Total offsets required for this report	1,118
2. Offsets retired in previous reports and used in this report	0
3. Net offsets required for this report	1,118

Project description	**Eligible offset units type**	**Registry unit retired in**	**Date retired**	**Serial number (including hyperlink to registry transaction record)**	**Vintage**	**Quantity (tonnes CO2-e)**	**Quantity used for previous report**	**Quantity to be banked for future years**	**Quantity to be used this report**
NIHT Topaiyo REDD +	VCUs	Verra	31 March 2021	9161-71461946-71462504-VCS-VCU-466-VER-PG-14-2293-01062017-31122019-0	2017	559	0	0	559
150 MW grid connected Wind Power based electricity generation project in Gujarat, India	VCUs	Verra	31 March 2021	9088-67162613-67163171-VCS-VCU-1491-VER-IN-1-292-18062016-31122016-0	2016	559	0	0	559
				Total offsets retired this report and used in this report					1,118
				Total offsets retired this report and banked for future reports					0

Co-benefits

NIHT Topaiyo REDD +

NIHT Inc. has partnered with the traditional landowners of New Ireland and East New Britain to put an end to deforestation initiated by industrial logging in the region. The preservation of these rainforests is essential to not only the carbon and biodiversity benefits inherent with projects of this nature, but also for the wellbeing and prosperity of the people of New Ireland and East New Britain. The project is located in the forested areas of New Ireland and East New Britain in Papua New Guinea. The project has evolved based on the input and needs expressed by persons living in the region. What began as a traditional timber operation has been recognised as an opportunity with enormous carbon sequestering potential and has evolved into a forest protection project that will provide substantial economic benefits to the people of Papua New Guinea. Through the avoidance of carrying out exploitative industrial commercial timber harvesting in the project area, the project expects to generate nearly 60 million tonnes of CO2 emissions reductions across the 30 year project lifetime, depending on the number and size of Project Activity Instances (PAIs) added to the project.

150 MW grid connected Wind Power based electricity generation project in Gujarat, India

The main purpose of the project is to generate renewable electricity using wind power and feed the generated output to the local grid in Gujarat, contributing to climate change mitigation efforts. Apart from the generation of renewable energy-based electricity, the project has also been conceived to enhance the propagation of commercialisation of wind power generation in the region and to contribute to the sustainable development of the region, socially, environmentally and economically. The proposed project will provide employment opportunities in the context of building infrastructure, installation and maintenance and managing the wind farm. Thus, the project helps with improving the quality of life of the people in the community.

5. USE OF TRADE MARK

Table 7

Description where trademark used	Logo type
Website	Certified organisation
Promotional Material	Certified organisation
Media	Certified organisation
Internal and external documentation	Certified organisation

6. ADDITIONAL INFORMATION

Sallywood Swamp Forest

Pinetrees has started work on our Sallywood Swamp Forest Restoration Project. Sallywood Swamp Forests are a Critically Endangered Ecological Community in NSW, and they're only found on Lord Howe Island.

Over 95% of the original forest coverage was destroyed by grazing, and only a few patches remain.

In 2018, Pinetrees partnered with the Lord Howe Island Board to seek funding to restore a two-hectare patch of Sallywood Swamp Forest in the Pinetrees paddock, and in 2019, we received $100,000 from the NSW Government through the NSW Environmental Trust. We're also contributing an equal amount.

Stage 1 of the project was completed in 2020, and planted over 5,000 trees and palms along a two-hectare corridor. Stage 2 will commence in 2021 and plant another 3,000 trees and palms to the south of the current project site. All going well, by 2030, we will have doubled the amount of Sallywood Swamp Forest on Lord Howe Island (and on the planet).

Greenfleet

Pinetrees has also purchased an additional 559 tonnes of biodiversity offsets through Greenfleet. Greenfleet is a leading Australian not-for-profit environmental organisation on a mission to protect our climate by restoring forests. Greenfleet forests address critical deforestation, restore habitat for wildlife including many endangered species, capture carbon emissions to protect our climate, reduce soil erosion, improve water quality, and economically support local and indigenous communities.

APPENDIX 1

Excluded emissions

To be deemed relevant an emission must meet two of the five relevance criteria. Excluded emissions are detailed below against each of the five criteria.

Table 8

Relevance test					
Excluded emission sources	*The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions*	*The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.*	*Key stakeholders deem the emissions from a particular source are relevant.*	*The responsible entity has the potential to influence the reduction of emissions from a particular source.*	*The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.*
Guest Flights	Yes	No	No	No	No

APPENDIX 2

Non-quantified emissions for organisations

Table 9

Non-quantification test				
Relevant-non-quantified emission sources	*Immaterial <1% for individual items and no more than 5% collectively*	*Quantification is not cost effective relative to the size of the emission but uplift applied.*	*Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.*	*Initial emissions non-quantified but repairs and replacements quantified*
N/A	N/A	N/A	N/A	N/A