



PUBLIC DISCLOSURE STATEMENT

PAX ACCOMMODATION, TRADING AS
COMFORT INN CITY CENTRE ARMIDALE

ORGANISATION CERTIFICATION
CY 2021

Australian Government

Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Pax Accommodation, trading as Comfort Inn City Centre Armidale
REPORTING PERIOD	1 January 2021 – 31 December 2021 Arrears Report
DECLARATION	<i>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.</i>



Australian Government
**Department of Industry, Science,
Energy and Resources**

Public Disclosure Statement documents are prepared by the submitting organisation. The material in the Public Disclosure Statement documents represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Statement document and disclaims liability for any loss arising from the use of the document for any purpose.

Version March 2022. To be used for FY20/21/CY2021 reporting onwards.



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	167 tCO ₂ -e
OFFSETS BOUGHT	100% VCU
RENEWABLE ELECTRICITY	42.31%
TECHNICAL ASSESSMENT	Date: 09/06/2021 Name: Sarah Colquhoun Organisation: Pangolin Associates Next technical assessment due: 2024

Contents

1. Certification summary	3
2. Carbon neutral information.....	4
3. Emissions boundary	5
4. Emissions reductions.....	7
5. Emissions summary.....	9
6. Carbon offsets.....	11
7. Renewable Energy Certificate (REC) Summary.....	14
Appendix A: Additional Information	15
Appendix B: Electricity summary.....	16
Appendix C: Inside emissions boundary	19
Appendix D: Outside emissions boundary	20

2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the calendar year from 1 January 2021 to 31 December 2021 and covers the Australian operations of Pax Accommodation, trading as Comfort Inn City Centre Armidale (formally City Centre Motor Inn Armidale), ABN 92 579 636 082, as an 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 location and facilities:

- 146 Dangar Street, Armidale NSW 2350

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.

Organisation description

The family run Comfort Inn City Centre Armidale (formally City Centre Motor Inn Armidale) is a 40-room motel located in the New England High Country of NSW. Situated just 500m from Armidale's CBD and a short 5-10 minute drive to the University and Airport, the motel offers the perfect location for guests travelling for business or holiday.

The Comfort Inn City Centre Armidale is using cutting edge technology not only to streamline booking and administrative processes, but also to bring down emissions and our carbon footprint.

"Being a part of Climate Active is important to our organisation as it shows our commitment to our community and environment for the future"

3.EMISSIONS BOUNDARY

Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

Quantified emissions have been assessed as relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

Non-quantified emissions have been assessed as relevant and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

Outside the emissions boundary

Excluded emissions are those that have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.

Inside emissions boundary		Outside emission boundary
<u>Quantified</u>	<u>Non-quantified</u>	<u>Excluded</u>
Accommodation and facilities Construction Materials and Services Electricity Food ICT services and equipment Office equipment & supplies Products Professional Services Refrigerants Stationary Energy (liquid fuels) Transport (Air) Transport (Land and Sea) Waste Water Working from home		NA

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

CICCA will continue to assess its greenhouse gas emissions in accordance with the GHG Protocol and Climate Active over the coming years.

Scope 1 emissions will be reduced by the introduction of electric vehicles over the next three years to replace the existing diesel vehicles where possible. This will reduce our emissions by ~24t (13.5% based on CY2021) once fully implemented.

Scope 2 emissions will be reduced by installing EV chargers on site and will be available for public, customers, and business use. It is acknowledged that this may lead to an initial increase in electricity consumption, but we hope to offset this by using two-way charging i.e., vehicle-to-home and vehicle-to-grid when these technologies become commercially available in Australia. The large solar PV system already installed currently exports a significant amount of electricity into the grid so efforts will be made to use this solar electricity to charge the electric vehicles, and generally be used on-site, before exporting to the grid. Electricity associated emissions will also be reduced by capping the heating/cooling temperature of air-conditioner units in the guest suites to 22 degrees Celsius. Switching to 100% renewable energy will also be investigated in the next 6-12 months.

Scope 3 emissions will be reduced by eliminating all single use plastic in guest rooms as well as throughout the breakfast service. We will transition away from buffet style continental breakfast in which most items needed to be single use during the COVID-19 pandemic.

Emissions reduction actions

Since 2018 we have implemented the following actions to help reduce our emissions:

- Replaced old hydronic heating system with 20 individual split system air cons.
- In early 2019 we added 30KW solar system and replaced the ageing gas boiler with state-of-the-art Q-ton heat pump eliminating the use of LPG gas on site. The Q-ton heat pump also acts as a battery storage as we can heat the water during the day off the solar and use that water during peak time and night times.
- Heat and cool banking rooms in conjunction with solar. Turning heat/air con during the day when power is free/cheap to make rooms comfortable and makes the air cons use less power as they don't need to work really hard during peak times.
- Introduced recycling to motel. Now we recycle 4 wheelie bins (240L) a week.
- Transition to LED lighting throughout property when refurbishing rooms (75% of lights/light fittings changed so far).
- Option for guests to purchase their own carbon offset which we donate straight to Local carbon offset provider, "Armidale tree group" and their charity "every Tree Counts".
- Eliminating paper through digital guest contact including digital compendium.
- Changing chemicals to environmentally friendly chemicals from local provider 'Rapid Clean'.
- Capped temperature of heaters/aircons to recommended 22 degrees Celsius

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year		
		Total tCO ₂ -e
Base year/ Year 1:	2018	275.6
Year 2:	2019	177.1
Year 3:	2020	248.1
Year 4:	2021	166.7

Significant changes in emissions

Emission source name	Current year (tCO ₂ -e and/ or activity data)	Previous year (tCO ₂ -e and/ or activity data)	Detailed reason for change
Construction	9.29	8.26	organic growth
Materials and Services			
Electricity	67.50	74.68	organic growth
Food	26.52	34.36	organic growth
Products	10.89	6.10	organic growth
Transport (Land and Sea)	25.15	44.83	travel policy
Waste	13.51	12.18	organic growth

Use of Climate Active carbon neutral products and services

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

Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a market-based approach.

Row Labels	Sum of Scope 1 (TCO2e)	Sum of Scope 2 (TCO2e)	Sum of Scope 3 (TCO2e)	Sum of Total Emissions (TCO2e)
Accommodation and facilities	0.00	0.00	0.29	0.29
Construction Materials and Services	0.00	0.00	9.29	9.29
Electricity	0.00	67.50	0.00	67.50
Food	0.00	0.00	26.52	26.52
ICT services and equipment	0.00	0.00	2.31	2.31
Office equipment & supplies	0.00	0.00	1.17	1.17
Products	0.00	0.00	10.89	10.89
Professional Services	0.00	0.00	0.96	0.96
Refrigerants	2.84	0.00	0.00	2.84
Stationary Energy (liquid fuels)	2.29	0.00	0.14	2.43
Transport (Air)	0.00	0.00	0.21	0.21
Transport (Land and Sea)	22.95	0.00	2.21	25.15
Waste	0.00	0.00	13.51	13.51
Water	0.00	0.00	3.61	3.61
Working from home	0.00	0.00	0.01	0.01
Grand Total	28.08	67.50	71.13	166.71

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	tCO ₂ -e
N/A	N/A
Total of all uplift factors	N/A
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	N/A

6. CARBON OFFSETS

Offsets retirement approach

In arrears		
1.	Total number of eligible offsets banked from last year's report	0
2.	Total emissions footprint to offset for this report	167
3.	Total eligible offsets required for this report	167
4.	Total eligible offsets purchased and retired for this report	167
5.	Total eligible offsets banked to use toward next year's report	0

Co-benefits

6.5 MW cogeneration project in Akbarpur, Punjab.

- Energy supply: estimated to be 41.769 GWh of net electrical output per annum.
- Circular economy: rice husk is an agri-waste generated from local rice mills and hence identified as renewable biomass. This also offers the farmers an additional source of revenue.
- Social: employment for skilled and unskilled laborers to operate the power plant, collection and transportation of biomass.
- Economic: new business opportunities for direct and indirect businesses for technology provider, consultants, labor contractors, biomass suppliers, farmers, and local villagers, thus promoting economic well-being in the region.
- Health: use of biomass instead of fossil fuel reduces air pollution, providing cleaner air for locals.
- Technology: the project activity involves the installation of a cogeneration project in a textile mill. This will help in the promotion of such technology in the sector as well as enhance the skill sets of people involved in the operation and maintenance of the plant.

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

Pax Accommodation, trading as Comfort Inn City Centre Armidale



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.

Eligible offsets retirement summary

Offsets cancelled for Climate Active Carbon Neutral Certification											
<i>Project description</i>	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity (tCO ₂ -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
6.5 MW cogeneration project in Akbarpur, Punjab	VCU	Verra	07/06/2022	10776-247228019-247228101-VCS-VCU-290-VER-IN-1-1160-01012015-31122015-0	2015	0	83	0	0	83	50%
NIHT Topaiyo REDD +	VCU	Verra	07/06/2022	9161-71463242-71463282-VCS-VCU-466-VER-PG-14-2293-01062017-31122019-0	2019	0	41	0	0	41	24%
NIHT Topaiyo REDD +	VCU	Verra	07/06/2022	9895-156959424-156959466-VCS-VCU-466-VER-PG-14-2293-01062017-31122019-0	2019	0	43	0	0	43	26%
Total offsets retired this report and used in this report										167	
Total offsets retired this report and banked for future reports									167		

These offsets also cover Comfort Inn City Centre Armidale's Service certification. Details of this can be found here on the Climate Active website:

<https://www.climateactive.org.au/buy-climate-active/certified-members/city-centre-motor-inn>

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

NA

APPENDIX A: ADDITIONAL INFORMATION

Additional offsets cancelled for purposes other than Climate Active Carbon Neutral Certification							
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible Quantity (tCO ₂ -e)	Purpose of cancellation
NA							

APPENDIX B: ELECTRICITY SUMMARY

Electricity was calculated using a market-based approach.

Location-based method

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

Market-based method

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

Market Based Approach Summary

Market Based Approach	Activity Data (kWh)		Emissions (kgCO ₂ e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	40,200	0		29%
Total non-grid electricity	40,200	0		29%
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0		0%
GreenPower	0	0		0%
Jurisdictional renewables (LGCs retired)	0	0		0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0		0%
Large Scale Renewable Energy Target (applied to grid electricity only)	18,089	0		13%
Residual Electricity	79,480	79,031		0%
Total grid electricity	97,569	79,031		13%
Total Electricity Consumed (grid + non grid)	137,769	79,031		42%
Electricity renewables	58,289	0		
Residual Electricity	79,480	79,031		
Exported on-site generated electricity	15,800	-11,534		
Emissions (kgCO ₂ e)		0		

Total renewables (grid and non-grid) 42.31%

Mandatory 13.13%

Voluntary 0.00%

Behind the meter 29.18%

Residual Electricity Emission Footprint (TCO₂e) 67

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO ₂ e)	Scope 3 Emissions (kgCO ₂ e)
ACT	0	0	0
NSW	97,569	76,104	6,830
SA	0	0	0
Vic	0	0	0
Qld	0	0	0

NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	97,569	76,104	6,830
ACT	0	0	0
NSW	40,200	0	0
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Non-grid electricity (Behind the meter)	40,200	0	0
Total Electricity Consumed	137,769	76,104	6,830
Emission Footprint (TCO2e)	83		
Scope 2 Emissions (TCO2e)	76		
Scope 3 Emissions (TCO2e)	7		

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
NA	0	0

Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. They have been non-quantified due to one of the following reasons:

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

Relevant-non-quantified emission sources	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
NA				

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions
2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.
3. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.
5. **Outsourcing** 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.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
NA						



An Australian Government Initiative

