



PUBLIC DISCLOSURE STATEMENT

ANT PACKAGING

ORGANISATION CERTIFICATION

FY2021–22

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Ant Packaging Pty Ltd
REPORTING PERIOD	1 July 2021 – 30 June 2022
DECLARATION	<p><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></p> <p><i>John Clark</i></p>
	John Clark Managing Director 24/11/22



Australian Government
**Department of Climate Change, Energy,
the Environment and Water**

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Version March 2022.

1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	1258 tCO ₂ -e
OFFSETS BOUGHT	100% VCU
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT	24/11/22 Daniel Harper Cool Planet Next technical assessment due: July 2025
THIRD PARTY VALIDATION	Type 1 24/11/22 Katherine Simmons Krea Consulting

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2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year from 1 July 2021 to 30 June 2022 and covers the Australian business operations of Ant Packaging Pty Ltd (ABN: 86 081 095 785)

Organisation description

Ant Packaging (ABN: 86 081 095 785) manufactures plastic packaging options for small to medium sized businesses. Ant can create products from a wide range of materials including 100% recycled materials such as rPET, rHDPE and rLDPE.

Ant Packaging is based in Bangalow (Northern NSW), two hours from Brisbane. Our factory is 100% carbon neutral for the last eight years with Cool Planet. This has been achieved by investing heavily in solar power, energy efficiency and offsetting remaining emissions by purchasing credits in carbon abatement programmes.

Ant Packaging has been on the forefront of innovative packaging solutions for over twenty years enjoying long standing customer relationships throughout Australia, New Zealand and the rest of the world due to their commitment to premium quality and personalised customer service.

Ant Packaging has two locations, the main factory and office in Bangalow and Warehouse in Goonellabah

- 3/6 Dudgeons Lane, Bangalow NSW 2479
- 29 Lancaster Dr, Goonellabah NSW 2480

“Sustainability and carbon neutrality is at the core of our decision making and business ethos. We pride ourselves on being carbon neutral for over eight years and being the first plastic producer in Australia to do so. Migrating to Climate Active certification is important to us to retain transparency, integrity and ensure our carbon neutrality claims are of the highest standard.”

John Clark, Ant Packaging.”

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
<p><u>Quantified</u></p> <ul style="list-style-type: none"> Accommodation and Facilities Business Accommodation Cleaning and Chemicals Electricity ICT Services and Equipment Office Equipment and Supplies Postage, Courier and Freight Products Professional Services Refrigerants Transport Waste Water 	<p><u>Non-quantified</u></p> <p>N/A</p>	<p><u>Excluded</u></p> <p>N/A</p>

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

Climate Active certification enables Ant Packaging to demonstrate industry leadership and a demonstrable commitment to sustainability principles.

As Australia's first carbon neutral plastics producer, Ant Packaging has a long history of commitment to sustainability through its focus on reducing waste, using recyclable content and innovating in closed loop recycling systems. To demonstrate the need to act on climate change, Ant Packaging has committed to becoming Climate Active certified and to accelerate the transition to a circular economy.

As part of a carbon reduction strategy, Ant Packaging commits to:

- Reducing carbon emissions by at least 30% per unit of production by 2030.
- Installing a 300 KW Solar system within 5 years.
- 60% reduction in landfill waste within 5 years.
- 20% reduction in freight emissions within 3 years.

Ant Packaging will also ensure:

- That the energy efficiency and refrigerant type will be factored into all new equipment purchases.
- Changing to a more sustainability focused energy retailer.
- Any new premises will have a strong focus on sustainability, energy efficiency and carbon reduction measures throughout, construction, fit out and operations.

5. EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

N/A

Organisation emissions summary

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

Emission category	Sum of Scope 1 (tCO ₂ -e)	Sum of Scope 2 (tCO ₂ -e)	Sum of Scope 3 (tCO ₂ -e)	Sum of total emissions (tCO ₂ -e)
Accommodation and facilities	0.00	0.00	0.13	0.13
Bespoke	0.00	0.00	0.00	0.00
Cleaning and Chemicals	0.00	0.00	1.31	1.31
Climate Active Carbon Neutral Products and Services	0.00	0.00	0.00	0.00
Construction Materials and Services	0.00	0.00	0.00	0.00
Electricity	0.00	583.72	0.00	583.72
Food	0.00	0.00	0.00	0.00
Horticulture and Agriculture	0.00	0.00	0.00	0.00
ICT services and equipment	0.00	0.00	2.28	2.28
Machinery and vehicles	0.00	0.00	0.00	0.00
Office equipment & supplies	0.00	0.00	2.12	2.12
Postage, courier and freight	0.00	0.00	569.72	569.72
Products	0.00	0.00	1.17	1.17
Professional Services	0.00	0.00	10.30	10.30
Refrigerants	2.60	0.00	0.00	2.60
Roads and landscape	0.00	0.00	0.00	0.00
Stationary Energy (gaseous fuels)	0.00	0.00	0.00	0.00
Stationary Energy (liquid fuels)	0.00	0.00	0.00	0.00
Stationary Energy (solid fuels)	0.00	0.00	0.00	0.00
Transport (Air)	0.00	0.00	0.00	0.00
Transport (Land and Sea)	49.73	0.00	2.65	52.37
Waste	0.00	0.00	32.12	32.12
Working from home	0.00	0.00	0.00	0.00
Total	52.32	538.72	621.84	1257.88

Uplift factors

N/A

6. CARBON OFFSETS

Offsets retirement approach

In arrears	
1. Total emissions footprint to offset for this report	1258
2. Total eligible offsets purchased and retired for this report	1258
3. Total eligible offsets banked to use toward next year's report	0

Co-benefits

THE PROBLEM

For years, the land between Tsavo East and Tsavo West National parks in Kenya served both as home to a slowly failing cattle ranch and as the main migration corridor for local wildlife moving between the two National Parks. When we first encountered Rukinga, the community and the wildlife were at odds. Rukinga was a bruised, balding land, barren of wildlife. Cattle had grazed the fields into dust, poachers slipped on and off the ranch with ease, and trees were being clear cut along the area's critical rainwater basin.

THE SOLUTION

In 1998 the local community supported our plan to establish the Rukinga Wildlife Sanctuary that covers 80,000 acres of forest. We established a community works project so local residents had an alternative income stream in place of poaching and clear cutting. We brought on locally hired rangers and trained them to be wilderness guardians. We convinced the owners of the cattle to remove the cattle from the land to reduce conflict over resources.

SCORECARD

The protection area has now expanded to over 500,000 acres, which will offset 1 million tons of CO2 emissions per year for the next 30 years. With the dryland Acacia-Commiphora forest under our protection and its original biodiversity restored, the Kasigau Corridor REDD project was awarded the Gold level status by the Community and Biodiversity Standard for exceptional biodiversity and climate benefits. The project area is home to a fantastic diversity of over 50 species of large mammals, more than 20 species of bats and over 300 species of birds and important populations of IUCN Red List species such as; Grevy's Zebra, Cheetah, Lion, African Wild Dog as well as over 2,000 African elephants. Now that scores highly for the future of planet earth.

Eligible offsets retirement summary

Offsets cancelled for Climate Active Carbon Neutral Certification												
Project description	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 (%)	
The Kasigau Corridor REDD Project - Phase II The Community Ranches	VCU	Verra	9 Dec 2022	9381-93664948-93665061-VCS-VCU-259-VER-KE-14-612-01012019-31122019-1 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=187343	2019	N/A	114	0	0	114	100%	
The Kasigau Corridor REDD Project - Phase II The Community Ranches	VCU	Verra	9 Dec 2022	9381-93665177-93665662-VCS-VCU-259-VER-KE-14-612-01012019-31122019-1 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=187344	2019	N/A	468	0	0	468	100%	
Bucakkisla HPP Run-Of-River Hydro Project	VCU	Verra	9 Dec 2022	13050-469027560-469028217-VCS-VCU-279-VER-TR-1-1127-08012015-31122015-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=175830	2015	N/A	658	0	0	658	100%	
Total offsets retired this report and used in this report										1258		

Total offsets retired this report and banked for future reports

0

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Verified Carbon Units (VCUs)	1258	100%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a location-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	10,687	0	2%
Total non-grid electricity	10,687	0	2%
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)	127,662	0	18%
Residual Electricity	559,064	556,248	0%
Total grid electricity	686,726	556,248	18%
Total Electricity Consumed (grid + non grid)	697,413	556,248	20%
Electricity renewables	138,349	0	
Residual Electricity	559,064	556,248	

Exported on-site generated electricity	0	0
Emissions (kgCO2e)		556,248

Total renewables (grid and non-grid)	19.84%
Mandatory	18.31%
Voluntary	0.00%
Behind the meter	1.53%
Residual Electricity Emission Footprint (TCO2e)	556

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 (kgCO2e)	Scope 3 Emissions (kgCO2e)
ACT	0	0	0
NSW	686,726	535,646	48,071
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)	686,726	535,646	48,071
ACT	0	0	0
NSW	10,687	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)	10,687	0	0
Total Electricity Consumed	697,413	535,646	48,071

Emission Footprint (TCO2e)	584
<i>Scope 2 Emissions (TCO2e)</i>	536
<i>Scope 3 Emissions (TCO2e)</i>	48

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

N/A

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

No emission sources have been excluded from this assessment



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