



PUBLIC DISCLOSURE STATEMENT


**CARTHONA CAPITAL PTY LTD AS TRUSTEE
FOR THE CARTHONA CAPITAL VENTURES
TRUST**

**ORGANISATION CERTIFICATION
FY2022-23**

Australian Government

Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Carthona Capital Pty Ltd as trustee for the Carthona Capital Ventures Trust (ABN 68 418 945 959)
REPORTING PERIOD	1 July 2022 – 30 June 2023 Arrears Report
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>Dean Dorrell Director 27 Oct 2023</p>



Australian Government

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

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Version August 2023.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	159.42 tCO ₂ -e
OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	18.8%
CARBON ACCOUNT	Prepared by: Pathzero
TECHNICAL ASSESSMENT	Next technical assessment due: FY2024

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2. CARBON NEUTRAL INFORMATION

Description of certification

This carbon inventory has been prepared for the financial year from 1 July 2022 to 30 June 2023.

The emissions boundary has been defined based on the operational control approach. The boundary comprises the operations of Carthona Capital Pty Ltd as trustee for the Carthona Capital Ventures Trust (ABN 68 418 945 959) and associated entities ('Carthona'). This organisation certification covers the Australian business operations of Carthona Capital Pty Ltd. All emissions under Carthona Capital's operational control have been included in the emissions inventory.

The greenhouse gases included in the inventory include all those that are reported under the Kyoto Protocol: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF₆). All emissions are reported in tonnes of carbon dioxide equivalent (t CO₂e) and uses relative global warming potentials (GWPs).

Organisation description

Carthona Capital Pty Ltd as trustee for the Carthona Capital Ventures Trust (ABN 68 418 945 959) is a venture capital investor based in Sydney, Australia that invests in start-ups and high growth, technology businesses in Australia and occasionally globally. Carthona has one office location in Sydney. Its investors include a mix of institutional investors (for example superannuation funds), family offices, and high-net worth individuals. Carthona does not trade under any other names. Financed emissions are excluded from Carthona Capital's emissions boundary as per Appendix D.

Carthona considers itself a socially minded organisation and considers the ESG impacts for all investments made at the point of investment (which it is expected to report to its institutional investors). It is also extremely committed to sustainable investing and businesses generally, and takes the responsibility on asset managers to lead the international charge of reaching 2050 very seriously – as demonstrated by reaching carbon neutrality as an organisation in prior years and in this financial year. Carthona is also a signatory to the Principles for Responsible Investment ('PRI'), a United Nations supported network.

Carthona has only one location for the reporting period and it is:

- Level 26, 1 O'Connell St, Sydney NSW 2000, Australia

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 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

Quantified

Accommodation
Base Buildings
Carbon Neutral product and services
Cleaning and chemicals
Electricity
Food & catering
ICT services & equipment
Office equipment & supplies
Professional services
Staff commuting
Telecommunications
Transport (Air)
Taxis & rideshare
Waste
Working from home

Non-quantified

N/A

Optionally included

N/A

Outside emission boundary

Excluded

Investments

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Carthona Capital has developed an emission reduction strategy targeting the top emission sources from its base year inventory. Carthona Capital is committed to reducing emissions as much as possible within its entire value chain. Key reduction areas and opportunities have been identified as follows:

1. Professional Services

Professional Services is Carthona's largest source of carbon emissions. Whilst it is difficult for Carthona to control the rate that professional services charge our firm and as our business grows these expenses are only going to increase, Carthona will encourage our major services providers (largely legal, accounting and insurance) to initiate their own carbon reduction and offsetting initiatives to reduce our carbon footprint over the next 10 years, in particular through the use of services such as Pathzero.

Carthona has set a target to have 20% of its professional services fees being provided by organisations that have their own carbon reduction initiatives and offsets in place over the next 10 years, from the base reporting year of FY2021.

2. Air Travel

Carthona will encourage staff to conduct meetings via teleconference rather than in person, where possible. Although Air Travel will likely continue to rise in the coming financial year as the world opens up following COVID-19 border closures and as our business grows, the executive team of Carthona will continue to review all air travel plans individually and consider each flight's necessity (and the ability to conduct via teleconferencing instead). Carthona will then review this on a yearly basis over the next 5 years at the end of each financial year to determine the effectiveness of this strategy, and whether to consider the need to change it.

Carthona has set an emissions reduction target to reduce emissions from Air Travel by 5% over the next 5 years, from the base reporting year of FY2021.

3. Taxis & Rideshare

Instead of taking taxis or rideshare services to meetings, Carthona will encourage staff to walk or catch public transportation to meetings. Although the use of taxis and ride sharing is likely to continue to rise as people shift from working from home to being back in the office, Carthona will remind staff of this initiative on a weekly basis at an all-staff standup meeting. Carthona will then review this on a yearly basis over the next 5 years at the end of each financial year to determine the effectiveness of this strategy, and whether to consider the need to change it.

Carthona has set an emissions reduction target to reduce emissions from Taxis and Rideshare by 5% over the next 5 years, from the base reporting year of FY2021.

Emissions reduction actions

1. Professional Services

Given Professional Services is by far Carthona's largest source of carbon emissions, this has been Carthona's biggest focus for reducing its carbon emissions. Carthona has been actively encouraging, in particular, its Accounting, Auditing and Legal Services providers to becoming 'net zero.' This has been done via meetings and conversations with senior management (CEO, Managing Partner, and Head of Corporate) as well as by encouraging these providers to use the Pathzero platform (which Carthona has also invested in) to help measure, reduce, and offset their emissions. Carthona is pleased to confirm that one of its larger legal services providers, Gilbert + Tobin, is now also net zero, which has significantly reduced our potential carbon footprint for the year.

2. Air Travel

Whilst Carthona's amount of air travel has increased from the periods of lockdowns due to COVID-19, Carthona has encouraged staff to conduct meetings via teleconference rather than in person, where possible. This has led to a significant increase in 'first pitches' being conducted virtually (nearly all first pitches that have not come through a 'warm connection' are now done via teleconference in the first instance). Carthona has also made a conscious effort to group meetings outside of Sydney where possible, to ensure only necessary air travel was conducted. Carthona can also confirm that all flights taken during the financial year were economy class, which significantly reduced Carthona's potential carbon footprint for the financial year.

3. Taxis & Rideshare

Instead of taking taxis or rideshare services to meetings, Carthona continues to encourage staff to walk or catch public transportation to meetings. Staff are now reminded of this at every single daily 'stand-up meeting.'

5.EMISSIONS SUMMARY

Emissions over time

		Emissions since base year	
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)
Base year/Year 1	2020-21	90.51	95
Year 2:	2021-22	165.79	174.08
Year 3:	2022-23	159.42	N/A

Significant changes in emissions

mission source name	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Detailed reason for change
Accounting Services	38.03	28.68	Carthona's dollar spend on accounting services (which is used to calculate our carbon emissions) varies year-to-year based on the type and number of transactions completed.
Legal Services	72.67	42.53	Carthona's dollar spend on legal services (which is used to calculate our carbon emissions) varies year-to-year based on the type and number of transactions completed. One of Carthona's legal services providers, Gilbert + Tobin, is now also a net-zero organisation.

Use of Climate Active carbon neutral products, services, buildings or precincts

Certified brand name	Product/Service/Building/Precinct used
Gilbert + Tobin	Legal Services

Emissions summary

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

Emission category	Sum of Scope 1 (t CO2-e)	Sum of Scope 2 (t CO2-e)	Sum of Scope 3 (t CO2-e)	Sum of Total Emissions (t CO2-e)
Accommodation and facilities	0.00	0.00	0.45	0.45
Base buildings	0.00	0.00	6.17	6.17
Cleaning and chemicals	0.00	0.00	0.62	0.62
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Electricity	0.00	7.12	0.94	8.07
Food	0.00	0.00	6.75	6.75
ICT services and equipment	0.00	0.00	6.68	6.68
Office equipment and supplies	0.00	0.00	0.03	0.03
Professional services	0.00	0.00	113.55	113.55
Staff commuting	0.00	0.00	1.61	1.61
Transport (land and sea)	0.00	0.00	0.35	0.35
Travel (Air)	0.00	0.00	7.97	7.97
Waste	0.00	0.00	3.99	3.99
Working from home	0.00	0.00	3.19	3.19
Total	0.00	7.12	152.29	159.42

Uplift factors

N/A

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 159.42 tCO₂-e. The total number of eligible offsets used in this report is 160 number. Of the total eligible offsets used, 0 were previously banked and 160 were newly purchased and retired. 0 are remaining and have been banked for future use.

Co-benefits

Pacajai REDD+ Project, Brazil

The main objective of the Pacajai project is to prevent and avoid unplanned deforestation in native forests, avoiding the net emission of 264.116tCO₂e for a period of 40 years of the credit period of the project. This objective will be achieved by managing the land in the form of a "conservation reserve private sector", developing and implementing a management plan. This plan includes rigorous monitoring and inspection plan based on existing experience of surveillance activities underway in the area since 2008. These expanded monitoring activities will be undertaken actively with the participation of local settlers who live within the project boundaries. The local population involved with this monitoring are receiving resources, training in forest management techniques and monitoring technologies.

The project is both VCS and Climate, Community & Biodiversity (CCB) certified.

Additional co-benefits of the project has seen the distribution of 150 efficient cookstoves in the period from 2012 to 2017. These kitchen stoves have a tremendous benefit in the region for several regions. The local inhabitants in many cases have stoves utilizing gas, but they don't have the money to buy gas. In some cases, they had a fuel stove that was highly inefficient, rusty and that needed large amounts of wood to use and in other cases, they would balance their cooking pot between two pieces of wood and ignite fuelwood near their home. This woodstove-type arrangement causes both a serious fire hazard and a serious health hazard to individuals.

Eligible offsets retirement summary

Offsets retired 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 retired (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 (%)
Pacajai REDD+ Project, Brazil	VCU	Verra	20 October 2023	10838-250982569-250982586-VCS-VCU-259-VER-BR-14-981-01012017-31122017-0	2017		18	0	0	18	11%
Pacajai REDD+ Project, Brazil	VCU	Verra	20 October 2023	9738-128742084-128742225-VCS-VCU-259-VER-BR-14-981-01012017-31122017-0	2017		142	0	0	142	89%
Total eligible offsets retired and used for this report										160	
Total eligible offsets retired this report and banked for use in future reports										0	

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Verified Carbon Units (VCUs)	160	100%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

APPENDIX B: ELECTRICITY SUMMARY

There are two international best-practice methods for calculating electricity emissions – the location-based method and the market-based method. Reporting electricity emissions under both methods is called dual reporting.

Dual reporting of electricity emissions is useful, as it provides different perspectives of the emissions associated with a business's electricity usage.

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.

For this certification, electricity emissions have been set by using the **market-based approach**.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kg CO2-e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
Total non-grid electricity	0	0	0%
LGC Purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	0	0	0%
Climate Active precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	0	0	0%
Precinct/Building jurisdictional renewables (LGCs surrendered)	0	0	0%
Electricity products (voluntary renewables)	0	0	0%
Electricity products (LRET)	0	0	0%
Electricity products jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	1,956	0	19%
Residual Electricity	8,447	8,067	0%
Total renewable electricity (grid + non grid)	1,956	0	19%
Total grid electricity	10,403	8,067	19%
Total electricity (grid + non grid)	10,403	8,067	19%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	8,447	8,067	
Scope 2	7,460	7,124	
Scope 3 (includes T&D emissions from consumption under operational control)	987	943	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	18.80%
Mandatory	18.80%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO2-e)	7.12
Residual scope 3 emissions (t CO2-e)	0.94
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	7.12
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	0.94
Total emissions liability (t CO2-e)	8.07

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

Location Based Approach Summary						
Location Based Approach	Activity Data (kWh) total	Under operational control			Not under operational control	
Percentage of grid electricity consumption under operational control	100%	(kWh)	Scope 2 Emissions (kg CO2-e)	Scope 3 Emissions (kg CO2-e)	(kWh)	Scope 3 Emissions (kg CO2-e)
ACT	0	0	0	0	0	0
NSW	10,403	10,403	7,594	624	0	0
SA	0	0	0	0	0	0
VIC	0	0	0	0	0	0
QLD	0	0	0	0	0	0
NT	0	0	0	0	0	0
WA	0	0	0	0	0	0
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	10,403	10,403	7,594	624	0	0
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	0	0		
QLD	0	0	0	0		
NT	0	0	0	0		
WA	0	0	0	0		
TAS	0	0	0	0		
Non-grid electricity (behind the meter)	0	0	0	0		
Total electricity (grid + non grid)	10,403					

Residual scope 2 emissions (t CO2-e)	7.59
Residual scope 3 emissions (t CO2-e)	0.62
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	7.59
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	0.62
Total emissions liability (t CO2-e)	8.22

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following emissions sources have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. 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	Justification reason
N/A	N/A

Data management plan for non-quantified sources

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

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to this organisation'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.

Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Investments	Y	N	N	N	N	<p>Size: Carthona invests in technology start-up companies, which may have carbon emissions (although we would expect these to be relatively low given they are technology businesses). We are not able to measure this as we are only a minority investor and do not have the ability to measure (or compel these start-ups to measure) their carbon emissions.</p> <p>Influence: As a minority investor, we do not have the potential to influence the emissions from this source, including by shifting to a different lower-emissions supplier for our business.</p> <p>Risk: As Carthona invests in technology start-ups, there are no relevant laws or regulations that apply to limit emissions specifically from this source, the source has minimal supply chain risks, and it is unlikely to be of significant public interest.</p> <p>Stakeholders: Key stakeholders such as our investors and the general public, are unlikely to consider this a relevant source of emissions for our business.</p> <p>Outsourcing: We have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.</p>



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