



# **PUBLIC DISCLOSURE STATEMENT**

**RAWTEC PTY LTD**

**ORGANISATION CERTIFICATION**

**FY2024-25**

Australian Government  
**Climate Active**  
**Public Disclosure Statement**



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	RawTec Pty Ltd (Rawtec)
REPORTING PERIOD	1 July 2024 – 30 June 2025
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>Mark Rawson Managing Director &amp; Principal Consultant 21/10/2025</p>



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

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Version 9.1.

# 1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	23 tCO <sub>2</sub> -e
CARBON OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	87.95%
CARBON ACCOUNT	Prepared by: Rawtec
TECHNICAL ASSESSMENT	Not Required as Small Organisation Certification
THIRD PARTY VALIDATION	Type 1 20/10/2025 Pangolin Associates

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## 2. CERTIFICATION INFORMATION

### Description of organisation certification

This organisation certification is for the business operations of RawTec Pty Ltd (trading as Rawtec), ABN 59 127 176 569.

This certification covers the financial year 2024-25, which is the organisation's first year of reporting and carbon-neutral certification. This will be used as the organisation's base year, all activities have been included, and there are no additional entities associated with our organisation. Rawtec's services are not included in the carbon neutral organisation claim.

This Public Disclosure Statement includes information for the FY2024-25 reporting period.

### Organisation description

Rawtec (ABN: 59 127 176 569) is one of Australia's leading consultancies in the circular economy, sustainable resource and waste management. We provide advice on sustainable resource management practices taking a pragmatic and evidence-based approach. We proactively drive change and bring decision makers on the journey. Rawtec's team is diverse with backgrounds in engineering, economics, sustainability, environmental science and soil health.

We regularly work with businesses, governments, councils, planners, architects, and the not-for-profit sector to advance Australia's transition towards a circular economy, nationally, an occasionally internationally.

The majority of our team is based in Somerton Park, South Australia, with one working remotely in Victoria.

The organisational boundary approach taken follows operational control approach. Rawtec has no subsidiaries/child companies.

## 3.EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation 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
- Carbon neutral products and services
- Cleaning and chemicals
- Electricity
- Food
- ICT services and equipment
- Professional services
- Office equipment and supplies
- Postage, courier and freight
- Refrigerants
- Stationary energy and fuels
- Transport (air)
- Transport (land and sea)
- Waste
- Water
- Working from home

### Non-quantified

N/A

## Outside emission boundary

### Excluded

N/A

## 4. EMISSIONS REDUCTIONS

### Emissions reduction strategy

Rawtec understands the importance of reducing their carbon footprint where possible. Rawtec commits to reduce its combined Scope 1, 2 and 3 emissions by at least 20% by 2030 from the 2024/25 base year.

Rawtec will work on the following areas in the next 12 months to further reduce carbon emissions:

#### Travel

Land travel accounts for 38% of Rawtec's emissions. While some travel is necessary due to the nature of our work, Rawtec will endeavour to be more efficient with travel, including car-pooling and meeting multiple clients that are in similar areas within the same trip. In-person meetings and site visits are often required and provide a valuable experience to our clients. Where possible, Rawtec will opt for online meetings. We aim to reduce our land travel emissions by 10% for the next reporting period.

Rawtec offsets most flights when purchasing, but as of July 1, 2025, Rawtec will ensure that all flights purchased are offset, which will significantly reduce emissions. This will reduce overall emissions by approximately 7%.

#### Professional services

The use of professional services accounts for 28% of Rawtec's emissions for this reporting period. While the use of these services is necessary, Rawtec will investigate with our accounting and insurance service providers as to their carbon-neutral services or future plans.

#### Electricity

Electricity consumption from the grid accounts for 8% of Rawtec's emissions. In future years, efforts will be made to reduce this, which will include only using heating/cooling when necessary and only lighting rooms that are occupied. Rawtec will only procure low-energy light bulbs and products with good energy ratings. Rawtec will aim to switch to 100% green power with an electricity retailer within the next year.

#### Waste

Rawtec is already committed to reducing waste and supports best practice separation of materials. At their office, Rawtec separates organics, commingled recycling, and 10c containers for collection. Hard to recycle items at the end of life (E-waste) are taken to the appropriate recycling facilities. Rawtec is committed to continuing this good work and will continue to reduce waste where possible. This will include prioritising repair, maintenance, and reuse. Waste accounts for 7% of their emissions. Rawtec sets the target of maintaining this level for future reporting years.

## 5. EMISSIONS SUMMARY

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

Certified brand name	Product/Service/Building/Precinct used
Virgin Australia	Flights
Qantas	Flights

## Emissions summary

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

Emission category	Scope 1 emissions (tCO <sub>2</sub> -e)	Scope 2 emissions (tCO <sub>2</sub> -e)	Scope 3 emissions (tCO <sub>2</sub> -e)	Total emissions (t CO <sub>2</sub> -e)
Accommodation and facilities	0.00	0.00	0.51	0.51
Cleaning and chemicals	0.00	0.00	0.32	0.32
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Climate Active 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	1.50	0.20	1.70
Food	0.00	0.00	0.55	0.55
Horticulture and agriculture	0.00	0.00	0.01	0.01
ICT services and equipment	0.00	0.00	0.10	0.10
Machinery and vehicles	0.00	0.00	0.17	0.17
Office equipment and supplies	0.00	0.00	0.30	0.30
Postage, courier and freight	0.00	0.00	0.00	0.00
Products	0.00	0.00	0.13	0.13
Professional services	0.00	0.00	5.84	5.84
Refrigerants	0.29	0.00	0.00	0.29
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	1.38	1.38
Transport (land and sea)	0.00	0.00	8.06	8.06
Waste	0.00	0.00	1.56	1.56
Water	0.00	0.00	0.08	0.08
Working from home	0.00	0.00	0.07	0.07
<b>Grand Total</b>	<b>0.29</b>	<b>1.50</b>	<b>19.28</b>	<b>21.07</b>

## Uplift factors

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

Reason for uplift factor	tCO <sub>2</sub> -e
Mandatory 5% uplift for small organisations	1.05
Total of all uplift factors (tCO <sub>2</sub> -e)	1.05
<b>Total emissions footprint to offset (tCO<sub>2</sub>-e)</b> <i>(total emissions from summary table + total of all uplift factors)</i>	<b>23</b>

## 6. CARBON OFFSETS

### Eligible offsets retirement summary

Offsets retired for Climate Active certification

Type of offset unit	Quantity used for this reporting period	Percentage of total units used
Verified Carbon Units (VCUs)	23	100%

Project name	Type of offset unit	Registry	Date retired	Serial number	Vintage	Total quantity retired	Quantity used in previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period	Percentage of total used this reporting period
Rimba Raya Biodiversity Reserve Project	VCU	Verra Registry	20/10/2025	<a href="#">9900-157947288-157947310-VCS-VCU-263-VER-ID-14-674-01012018-31122018-1</a>	2018	23	0	0	23	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 CO <sub>2</sub> -e)	Renewable percentage of total
Behind the meter consumption of electricity generated	13,081	0	85%
<b>Total non-grid electricity</b>	<b>13,081</b>	<b>0</b>	<b>85%</b>
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)	411	0	3%
Residual Electricity	1,848	1,700	0%
<b>Total renewable electricity (grid + non grid)</b>	<b>13,492</b>	<b>0</b>	<b>88%</b>
<b>Total grid electricity</b>	<b>2,259</b>	<b>1,700</b>	<b>3%</b>
<b>Total electricity (grid + non grid)</b>	<b>15,340</b>	<b>1,700</b>	<b>88%</b>
Percentage of residual electricity consumption under operational control	100%		
<b>Residual electricity consumption under operational control</b>	<b>1,848</b>	<b>1,700</b>	
Scope 2	1,627	1,497	
Scope 3 (includes T&D emissions from consumption under operational control)	221	203	
<b>Residual electricity consumption not under operational control</b>	<b>0</b>	<b>0</b>	
Scope 3	0	0	

<b>Total renewables (grid and non-grid)</b>	<b>87.95%</b>
<b>Mandatory</b>	<b>2.68%</b>
<b>Voluntary</b>	<b>0.00%</b>
<b>Behind the meter</b>	<b>85.27%</b>
<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>1.50</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>0.20</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>1.50</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>0.20</b>
<b>Total emissions liability (t CO<sub>2</sub>-e)</b>	<b>1.70</b>
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>	

Location-based approach summary						
Location-based approach	Activity Data (kWh) total	Under operational control			Not under operational control	
		(kWh)	Scope 2 Emissions (kgCO <sub>2</sub> -e)	Scope 3 Emissions (kgCO <sub>2</sub> -e)	(kWh)	Scope 3 Emissions (kgCO <sub>2</sub> -e)
Percentage of grid electricity consumption under operational control	100%					
SA	2,259	2,259	520	113	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>2,259</b>	<b>2,259</b>	<b>520</b>	<b>113</b>	<b>0</b>	<b>0</b>
SA	13,081	13,081	0	0		
<b>Non-grid electricity (behind the meter)</b>	<b>13,081</b>	<b>13,081</b>	<b>0</b>	<b>0</b>		
<b>Total electricity (grid + non grid)</b>	<b>15,340</b>					

Residual scope 2 emissions (t CO <sub>2</sub> -e)	0.52
Residual scope 3 emissions (t CO <sub>2</sub> -e)	0.11
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO <sub>2</sub> -e)	0.52
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO <sub>2</sub> -e)	0.11
<b>Total emissions liability</b>	<b>0.63</b>

# 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
Not applicable	Not applicable

## 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
Not applicable	NA	NA	NA	NA	NA	<p>Size: NA            Influence: NA            Risk: NA            Stakeholders: NA            Outsourcing: NA</p>



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