




PUBLIC DISCLOSURE STATEMENT

DAHMS TECHNIK

**ORGANISATION CERTIFICATION
CY2024**

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Dahms Technik Pty Ltd
REPORTING PERIOD	1 January 2024 – 31 December 2024 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>Matthew Dahms Director 1 April 2026</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	34 tCO ₂ -e
CARBON OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	18.48%
CARBON ACCOUNT	Prepared by: Pangolin Associates
TECHNICAL ASSESSMENT	N/A

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2. CERTIFICATION INFORMATION

Description of organisation certification

This organisation certification is for the business operations of Dahms Technik Pty Ltd, Trading as Dahms Technik ABN: 28 635 591 598.

This Public Disclosure Statement includes information for CY2024 reporting period.

Organisation description

Dahms Technik (ABN: 28 635 591 598) is a family-owned engineering design and professional services company delivering leading expertise in industrial machines. Our service offerings cover the entire machine life cycle from design, procurement, commissioning, handover and training to refurbishment and decommissioning.

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 facilities

- Suite 14, 477 Boundary St, Spring Hill QLD 4000
- Suite 6, 477 Boundary St, Spring Hill QLD 4000

Our team of Professional Engineers provides the following services to our clients:

- Feasibility studies and options assessments incorporating cost and schedule preparation, and detailed multicriteria analyses
- Onsite machine condition inspections and comprehensive reporting
- Project management onsite and offsite
- Onsite fabrication and assembly quality assurance
- Detailed engineering design inclusive of engineering calculations, 3D modelling, and 2D drafting
- Preparation of commercial documents and assessment of project tender submissions
- Onsite commissioning assistance including preparation and execution of commissioning plans
- Delivery of expert advice for owners and operators of industrial plant

These services are not included in this certification.

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 Dahm'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
- Machinery and Vehicles
- Professional services
- Office equipment and supplies
- Products
- Postage, courier and freight
- Refrigerants
- Stationary energy and fuels
- Transport (air)
- Transport (land and sea)
- Waste
- Water
- Working from home

Non-quantified

- Refrigerants

Outside emission boundary

Excluded

N/A

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Dahms Technik commits to reduce its emissions intensity per FTE by 10% by 2030, from a 2020 base year. The emissions intensity in CY2024 was 11.4 tCO₂-e/FTE, and CY2020 was 18.7 tCO₂-e/FTE.

We will do this by:

1. Avoiding unnecessary travel to/from project sites by making use of remote technologies as far as practicable.
2. Preferring fuel efficient vehicles when purchasing any future company vehicles. This includes vehicles hired for company purposes and will be implemented in 2025.
3. Establishing an office in a regional centre to reduce the quantity of flights to regional client sites. A review into potential regional office location is being undertaken with a decision to be made by 2026.
4. Engage with serviced complex managers to discuss purchasing to GreenPower or switching to Climate Active certified energy retailers. This is an ongoing process with discussions underway in 2025.

Emissions reduction actions

We are an engineering firm with a large proportion of clients in remote and regional centres, and typically, emissions from domestic air travel make up a significant proportion of our greenhouse gas emissions as we travel to meet with clients face-to-face. In the 2024 calendar year we were able to use digital tools such as Microsoft Teams to conduct client meetings, risk reviews, and design review sessions from our Spring Hill office and therefore reduce our overall carbon emissions from this source. We shall continue to develop this strategy as far as practicable in the coming years.

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	18.69	19.63
Year 2:	2021	18.24	18.62
Year 3:	2022	39.31	41.28
Year 4:	2023	57.93	60.82
Year 5	2024	31.96	33.56

Significant changes in emissions

Significant changes in emissions			
Emission source	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Reason for change
Computer and technical services	9.37	3.43	Reduced expenditure with a change in business services
Technical services	6.17	7.37	Higher Fuel Usage a result of increased site visits and domestic travel
Diesel oil post-2004 (GJ)	4.48	5.00	Higher Expenditure a result of Business Growth

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

Certified brand name	Product/Service/Building/Precinct used
Pangolin Associates	Consulting services

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 ₂ -e)	Scope 2 emissions (tCO ₂ -e)	Scope 3 emissions (tCO ₂ -e)	Total emissions (t CO ₂ -e)
Accommodation and facilities	0.00	0.00	2.01	2.01
Cleaning and Chemicals	0.00	0.00	0.00	0.00
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	0.00	1.40	1.40
Food	0.00	0.00	0.43	0.43
Horticulture and Agriculture	0.00	0.00	0.00	0.00
ICT services and equipment	0.00	0.00	6.22	6.22
Machinery and vehicles	0.00	0.00	0.59	0.59
Office equipment & supplies	0.00	0.00	0.10	0.10
Postage, courier and freight	0.00	0.00	0.13	0.13
Products	0.00	0.00	0.08	0.08
Professional Services	0.00	0.00	8.38	8.38
Refrigerants	0.00	0.00	0.00	0.00
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	6.07	6.07
Transport (Land and Sea)	4.02	0.00	2.13	6.15
Waste	0.00	0.00	0.19	0.19
Water	0.00	0.00	0.01	0.01
Working from home	0.00	0.00	0.19	0.19
Total emissions (tCO₂-e)	4.02	0.00	27.94	31.96

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 ₂ -e
Mandatory 5% uplift for small organisations	1.60
Total of all uplift factors (tCO ₂ -e)	1.60
Total emissions footprint to offset (tCO₂-e) <i>(total emissions from summary table + total of all uplift factors)</i>	33.56

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)	34	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
Bundled Solar Photovoltaic Project by ACME	VCU	Verra	12/08/2025	<u>11045-273828354-273828387-VCS-VCU-997-VER-IN-1-1753-01022020-31122020-0</u>	2020	34	0	0	34	100%
Offset Totals:						34			34	

Stapled units summary

The below units have been 'stapled' to eligible Climate Active carbon offset units. Stapled units may represent a beneficial outcome, such as biodiversity protection or improved water quality. These purchases are additional to Climate Active program requirements.

Stapled units and their corresponding scheme or project have not been assessed by Climate Active against the offset integrity principles in the Climate Active Carbon Neutral Standards and are not included in the list of eligible Climate Active carbon offset units (Appendix A of the Standards). Businesses have undertaken their own due diligence when purchasing these stapled units.

Project name	Unit type e.g. biodiversity	Project location	Eligible offset project stapled to	Stapled quantity	Link to project or evidence
GreenFleet	Native Forestation	N/A	Bundled Solar Photovoltaic Project by ACME	34	Refer to Appendix A

Co-benefits

N/A

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

29/07/2025

This certificate acknowledges that

Dahms Technik

has offset 34.0 tonnes of carbon through native reforestation with Greenfleet.

Greenfleet is a leading not-for-profit environmental organisation that has delivered climate action for over 25 years. We are focused on protecting our climate by restoring native forests that remove carbon, conserve biodiversity and build critical habitat for native wildlife.

Since 1997, Greenfleet has planted over 11.2 million native trees to create more than 550 legally protected forests. Thanks to you, Greenfleet will continue protecting our climate, addressing critical deforestation and growing native forests that are legally protected for up to 100 years.

Dahms Technik is taking climate action and supporting the restoration of legally protected, native Australian forests.

Together, we are growing our forests and growing climate hope.

Warm regards,



Wayne Wescott | Greenfleet CEO

**GROWING
HOPE**

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 ₂ -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)	349	0	18%
Residual Electricity	1,540	1,401	0%
Total renewable electricity (grid + non grid)	349	0	18%
Total grid electricity	1,889	1,401	18%
Total electricity (grid + non grid)	1,889	1,401	18%
Percentage of residual electricity consumption under operational control	0%		
Residual electricity consumption under operational control	0	0	
Scope 2	0	0	
Scope 3 (includes T&D emissions from consumption under operational control)	0	0	
Residual electricity consumption not under operational control	1,540	1,401	
Scope 3	1,540	1,401	

Total renewables (grid and non-grid)	18.48%
Mandatory	18.48%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	0.00
Residual scope 3 emissions (t CO₂-e)	1.40
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	1.40
Total emissions liability (t CO₂-e)	1.40

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	0%	(kWh)	Scope 2 Emissions (kg CO ₂ -e)	Scope 3 Emissions (kg CO ₂ -e)	(kWh)	Scope 3 Emissions (kg CO ₂ -e)
QLD	1,889	0	0	0	1,889	1,662
Grid electricity (scope 2 and 3)	1,889	0	0	0	1,889	1,662
QLD	0	0	0	0		
Non-grid electricity (behind the meter)	0	0	0	0		
Total electricity (grid + non grid)	1,889					

Residual scope 2 emissions (t CO₂-e)	0.00
Residual scope 3 emissions (t CO₂-e)	1.66
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	1.66
Total emissions liability	1.66

Operations in Climate Active buildings and precincts

Operations in Climate Active buildings and precincts	Electricity consumed in Climate Active certified building/precinct (kWh)	Emissions (kg CO ₂ -e)
N/A	0	0
<i>Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their building or precinct certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the building/precinct under the market-based method is outlined as such in the market-based summary table.</i>		

Climate Active carbon neutral electricity products

Climate Active carbon neutral electricity product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO ₂ -e)
N/A	0	0
<i>Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their electricity product certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the electricity product under the market-based method is outlined as such in the market-based summary table.</i>		

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
Refrigerants	Immaterial

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
N/A						



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