



PUBLIC DISCLOSURE STATEMENT

DAHMS TECHNIK PTY LTD

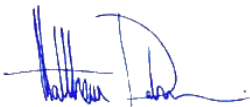
**ORGANISATION CERTIFICATION
CY2022**

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	DAHMS TECHNIK PTY LTD
REPORTING PERIOD	1 January 2022 – 31 December 2022 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 23 April 2024</p>



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

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Version March 2023.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	41.28 tCO ₂ -e
OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: Pangolin Associates
TECHNICAL ASSESSMENT	n/a

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2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the calendar year from 1 January 2022 to 31 December 2022 and covers the Australian business operations of Dahms Technik Pty Ltd, Trading as Dahms Technik ABN: 28 635 591 598

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

- Unit 3, 22-24 Strathwyn St, Brendale QLD 4500
- Suite 27, 477 Boundary St, Spring Hill QLD 4000

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

Organisation description

Dahms Technik 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.

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
- Land and sea transport
- Office equipment and supplies
- Postage, courier and freight
- Stationary energy and fuels
- Transport (air)
- Transport (land and sea)
- Waste
- Water

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 CY2022 was 28.7 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 2024.
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 to begin in 2024.

Emissions reduction actions

No actions reported in this period due to limited control of office environment in a serviced complex.

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*

*Emissions have increased YoY due to organic business growth and increased FTE. The total number of FTE employees increased from 1 to 1.44. This coincided with additional purchased of ICT services and equipment to ensure these employees can perform the necessary roles and responsibilities. It should be noted that some of these emissions are one-time purchases. Transport (land and sea) emissions associated with staff transport have also increased due to the increased number of FTE employees. In conjunction with an increase in flights (detailed below), due to a return to pre-COVID-19 travel behaviours. Hotel emissions have similarly increased and have contributed to the rise in YoY emissions.

Significant changes in emissions

Emission source name	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Detailed reason for change
Short economy class flights (>400km, ≤3,700km)	4.59	9.51	The total number of flights (one-way and return) increased from 17 to 27, with additional flights to destinations further from the office location, such as Perth and Dubai.

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

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

Emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a location/market-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	7.17	7.17
Electricity	0.00	1.25	0.00	1.25
Food	0.00	0.00	1.01	1.01
ICT services and equipment	0.00	0.00	7.82	7.82
Machinery and vehicles	0.00	0.00	1.23	1.23
Postage, courier and freight	0.00	0.00	0.02	0.02
Products	0.00	0.00	0.12	0.12
Professional Services	0.00	0.00	1.29	1.29
Transport (air)	0.00	0.00	9.51	9.51
Transport (land and sea)	5.68	0.00	3.78	9.46
Waste	0.00	0.00	0.26	0.26
Water	0.00	0.00	0.00	0.00
Office equipment and supplies	0.00	0.00	0.17	0.17
Total emissions	5.68	1.25	32.38	39.31

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	1.97
Total of all uplift factors	1.97
Total emissions footprint to offset <i>(total emissions from summary table + total of all uplift factors)</i>	41.28

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 42 t CO₂-e. The total number of eligible offsets used in this report is 42. Of the total eligible offsets used, 0 were previously banked and 42 were newly purchased and retired. 0 are remaining and have been banked for future use.

Co-benefits

N/A

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 (%)	
Renewable Solar Power Project by Shapoorji Pallonji stapled to GreenFleet donation	VCU	Verra	22 November 2023	13274-487142639-487142680-VCS-VCU-1491-VER-IN-1-1976-26062019-31122019-0	2019	0	42	0	0	42	100%	
			17 November 2023		N/A	42						
Total eligible offsets retired and used for this report										42		
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)		42					100%					

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A.

APPENDIX A: ADDITIONAL INFORMATION



This is to certify

Dahms Technik

offset 42.00 tonnes of CO₂-e with Greenfleet.

Your support will help us restore native forests and ecosystems, which provide crucial habitat for endangered wildlife, help counter the devastating impact of the bushfires, and reduce the impacts of climate change.

Greenfleet will plant enough biodiverse native trees on your behalf to offset these emissions.

Thank you for helping us grow our forests and grow climate hope.

A handwritten signature in black ink, appearing to read "Wayne Wescott".

Wayne Wescott | Greenfleet CEO

17/11/2023

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	79	0	5%
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)	318	0	19%
Residual Electricity	1,309	1,250	0%
Total renewable electricity (grid + non grid)	397	0	23%
Total grid electricity	1,706	1,250	23%
Total electricity (grid + non grid)	1,706	1,250	23%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	1,309	1,250	
Scope 2	1,156	1,104	
Scope 3 (includes T&D emissions from consumption under operational control)	153	146	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	23.28%
Mandatory	18.64%
Voluntary	4.64%
Behind the meter	0.00%
Residual scope 2 emissions (t CO2-e)	1.10
Residual scope 3 emissions (t CO2-e)	0.15
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	1.10
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	0.15
Total emissions liability (t CO2-e)	1.25

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 CO ₂ -e)	Scope 3 Emissions (kg CO ₂ -e)	(kWh)	Scope 3 Emissions (kg CO ₂ -e)
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	0	0	0	0	0	0
QLD	1,706	1,706	1,246	256	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)	1,706	1,706	1,246	256	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)	1,706					

Residual scope 2 emissions (t CO₂-e)	1.25
Residual scope 3 emissions (t CO₂-e)	0.26
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	1.25
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.26
Total emissions liability (t CO₂-e)	1.50

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.

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.



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