



PUBLIC DISCLOSURE STATEMENT

DAHMS TECHNIK PTY LTD

ORGANISATION CERTIFICATION

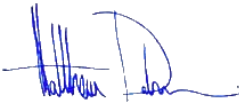
CY2021

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	DAHMS TECHNIK PTY LTD
REPORTING PERIOD	1 January 2021 – 31 December 2021 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 17 October 2023</p>



Australian Government
**Department of Industry, Science,
Energy and Resources**

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Version March 2022. To be used for FY20/21/CY2021 reporting onwards.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	19 tCO ₂ -e
OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	28%
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 2021 to 31 December 2021 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 facility

- Unit 3, 22-24 Strathwyn St, Brendale QLD 4500

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

“Dahms Technik is committed to being a carbon neutral company from our very first year, and we’re proud to support Greenfleet’s important reforestation and biodiversity work”

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. Emission sources can be excluded if they do not occur.

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 Electricity Food ICT services and equipment Office equipment & supplies Products Transport (Air) Transport (Land and Sea) Waste Water 	<p><u>Non-quantified</u></p> <ul style="list-style-type: none"> Refrigerant 	<p><u>Excluded</u></p> <ul style="list-style-type: none"> NA

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

Dahms Technik commits to reduce its emissions intensity per FTE by 10% by 2030, from a 2020 base year. *The emissions intensity in 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.
3. Establishing an office in a regional centre to reduce the quantity of flights to regional client sites

Emissions reduction actions

No actions reported in this period.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base year:	2020	19.63
Year 1:	2021	18.24

Significant changes in emissions

Emission source name	Current year (tCO ₂ -e)	Previous year (tCO ₂ -e)	Detailed reason for change
Accommodation and facilities	3.6	1.8	Organic Growth
ICT services and equipment	4.6	3.4	Organic Growth
Transport (Air)	4.6	3.6	Organic Growth
Transport (Land and Sea)	2.7	0.2	Organic Growth

Use of Climate Active carbon neutral products and services

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

Organisation emissions summary

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

Emission category	Sum of total emissions (tCO ₂ -e)
Accommodation and facilities	3.60
Electricity	1.02
Food	0.14
ICT services and equipment	4.74
Office equipment & supplies	0.05
Products	0.05
Transport (Air)	4.59
Transport (Land and Sea)	4.31
Waste	0.10
Water	0.01
Total	18.61

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't 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
compulsory additional 5% of the total to be added for small organisations	0.01
Total of all uplift factors	0.01
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	18.62

6. CARBON OFFSETS

Offsets retirement approach

In arrears	
1. Total number of eligible offsets banked from last year's report	0
2. Total emissions footprint to offset for this report	19
3. Total eligible offsets required for this report	19
4. Total eligible offsets purchased and retired for this report	19
5. Total eligible offsets banked to use toward next year's report	0

Co-benefits

Bundled Wind Power Project by Mytrah Group in India

The clean power produced by the project displaces an equivalent amount of power from the grid, which is fed mainly by fossil fuel-fired power plants. Therefore, it results in a reduction of GHG emissions. Mytrah Wind, the project owner, also runs a wide CSR scheme that supports the wellbeing of local communities. This includes investment to improve access to education, clean water and a focus on reducing unemployment and the lack of opportunities for young people in the area. It also runs two community camps, together with UNICEF, to empower young women by educating them on their rights, creative abilities and skills in healthcare, while a safe water project provides clean water, sanitation education and improved latrine services.

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 (%)
GreenFleet						19	-	-	-	-	-
Stapled with											
Bundled Wind Power Project by Mytrah Group in India	VCU	Verra	24/03/2023	6918-358615027-358615045-VCU-034-APX-IN-1-1728-01012017-24112017-0	2017		19	0	0	19	100%
Total offsets retired this report and used in this report										19	
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)		19				100%					

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

NA

APPENDIX A: ADDITIONAL INFORMATION



This is to certify

Dahms Technik

offset 19.00 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 dark ink, appearing to read "Wayne Wescott", with a flourish at the end.

Wayne Wescott | Greenfleet CEO

20/03/2023

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-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	0	0	0%
Total non-grid electricity	0	0	0%
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	131	0	9%
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)	264	0	19%
Residual Electricity	1,029	1,023	0%
Total grid electricity	1,424	1,023	28%
Total Electricity Consumed (grid + non grid)	1,424	1,023	28%
Electricity renewables	395	0	
Residual Electricity	1,029	1,023	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		1,023	
Total renewables (grid and non-grid)	27.72%		
Mandatory	18.54%		
Voluntary	9.18%		
Behind the meter	0.00%		
Residual Electricity Emission Footprint (TCO₂e)	1		

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	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	1,424	1,139	171
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	1,424	1,139	171
ACT	0	0	0
NSW	0	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)	0	0	0
Total Electricity Consumed	1,424	1,139	171

Emission Footprint (TCO2e)	1
Scope 2 Emissions (TCO2e)	1
Scope 3 Emissions (TCO2e)	0

Climate Active Carbon Neutral Electricity summary

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

The following sources emissions have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. 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	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
Refrigerant	x			

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct'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.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
N/A						



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