



PUBLIC DISCLOSURE STATEMENT

**TASMAN ENVIRONMENTAL MARKETS
AUSTRALIA PTY LTD**

**ORGANISATION CERTIFICATION
FY2021-22**

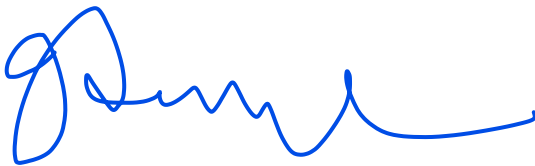
Australian Government

Climate Active Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Tasman Environmental Markets Australia Pty Ltd
REPORTING PERIOD	1 July 2021 – 30 June 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>Jessica Dwyer CEO 30 May 2023</p>



Australian Government

Department of Climate Change, Energy,
the Environment and Water

Public Disclosure Statement documents are prepared by the submitting organisation. The material in the Public Disclosure Statement document represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Statement document and disclaims liability for any loss arising from the use of the document for any purpose.
Version March 2022.



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	305 tCO ₂ -e
OFFSETS BOUGHT	100% ACCUs
RENEWABLE ELECTRICITY	Total renewables 18.59%
TECHNICAL ASSESSMENT	Date: 14 December 2021 Name: Rob Rouwette Organisation: start2see Pty Ltd Next technical assessment due: 31 October 2024

Contents

1. Certification summary	3
2. Carbon neutral information	4
3. Emissions boundary	5
4. Emissions reductions.....	7
5. Emissions summary	8
6. Carbon offsets	10
7. Renewable Energy Certificate (REC) Summary	13
Appendix A: Additional Information	Error! Bookmark not defined.
Appendix B: Electricity summary	15
Appendix C: Inside emissions boundary	17
Appendix D: Outside emissions boundary	18

2. CARBON NEUTRAL INFORMATION

Description of certification

This is an organisation carbon neutral certification for Tasman Environmental Markets Australia Pty Ltd ABN: 97 659 245 011 and includes the business operations of TEM across Australia incorporating our Scope 1, 2 and 3 emissions. One hundred percent of our emissions for FY22 are offset through the purchase of Arnhem Land Indigenous Fire Management ACCUs.

“As a business at the forefront of climate action, operating sustainably is par for the course. Our clients expect it, our employees demand it and they deserve no less than excellence.”

Organisation description

This is an organisation carbon neutral certification for Tasman Environmental Markets Australia Pty Ltd ABN: 97 659 245 011

Established in 2014, TEM empowers business and consumers to achieve carbon neutrality and make extraordinary environmental impact by connecting them with life-changing carbon offset projects. TEM partners with iconic brands to achieve their carbon neutral and net zero emissions goals through risk-managed carbon offset solutions and sophisticated, world-class technology. TEM's principals are specialists in global compliance and voluntary carbon markets, helping clients navigate carbon risk management and offset purchases and integrating sophisticated climate technology solutions.

Our people, systems and process deliver rigorous due diligence that ensures the integrity of every single offset we transact. So, when it comes to achieving our own carbon neutral goal, we have applied the same level of rigor to our emissions calculations and selected ACCUs from the Arnhem Land Fire Abatement project supporting Traditional Owners and Aboriginal rangers to undertake traditional fire management.

TEM manages offices in Victoria (Mornington and Abbotsford) and Sydney. We also have staff working in Adelaide, Brisbane, Auckland & Singapore.

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 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

Quantified

Accommodation and facilities
Air Transport (fuel)
Air Transport (km)
Cleaning and Chemicals
Electricity
Food
ICT services and equipment
Land and Sea Transport (fuel)
Land and Sea Transport (km)
(Includes Staff Commute)
Office equipment & supplies
Postage, courier and freight
Professional Services
Waste
Working from home

Non-quantified

Not- applicable

Outside emission boundary

Excluded

Not- applicable

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

TEM has continued to experience exponential growth, increasing our headcount by 478% this has attributed to a significant increase in our emissions notably Air Travel, Food, and ICT services. Despite this we acknowledge the importance of setting targets to ensure our emissions do not increase more than the headcount targets set.

Our reduction target represents a 30% reduction per head from our base year emissions

				Base Year emissions per employee	FY22 Emissions per Employee	FY30 Target per Employee
	Performance Indicator	Target 2022-2030	Progress			
Air Travel Emissions (tCO2-e)	Total (tCO2-e)/ Headcount must be less than 4.04	Reduce Air Travel emissions by 30% from the base year per employee	FY22 travel emissions are down 477% per employee from our base year.	5.77	1.3	4.04
Food (tCO2-e)	Total (tCO2-e)/ Headcount must be less than 0.46	Reduce Food Emissions by 30% from the base year per employee	FY22 food emissions are down 21% per employee from our base year.	0.66	0.45	0.46
ICT services (tCO2-e)	Total (tCO2-e)/ Headcount must be less than 1.22	Reduce ICT Emissions by 30% from the base year per employee	FY22 ICT emissions are down 71% per employee from our base year.	1.74	1.03	1.22

Emissions reduction actions

TEM revised its travel policy and gained board approval of this policy during FY2021-22 the policy includes the following statement. *“In accordance with our Climate Active Emission reduction strategy the need for all travel must be considered, and only trips deemed essential maybe taken by TEM employees. When travel is essential the most sustainable travel option should be selected i.e. air, or car etc. If available Carbon offsetting must be selected.”*

This policy was shared with all TEM staff and continues to be available for reference via our shared documents.

TEM's Food emissions are generally linked to travel expenses, therefore we expect that a reduction in air travel emissions would directly reduce our food emissions.

TEM has an IT procurement policy to ensure there are clear guidelines in place as to the amount spent on company devices. We also review our software licenses periodically to ensure we are efficiently using these systems to suit our operations.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base year:	2019-20	119
Year 1:	2020-21	82
Year 2:	2021-22	305

Significant changes in emissions

TEM has again experience exponential growth through FY2021-22. We have seen a 75% increase in our staff numbers. With TEM's operations active in several locations both domestically and internationally, we have seen an increase in staff needing to travel more often. TEM has also increased our field work activities which have contributed to greater emissions due to travel to remote locations.

Emission source name	Current year (tCO ₂ -e and/ or activity data)	Previous year (tCO ₂ -e and/ or activity data)	Detailed reason for change
Food & catering	19527.84	9690.89	Our team grew 75% in FY22
Computer and technical services	33073.59	11625.45	Our new team members required additional IT Services
Accounting services	36908.87	17179.05	TEM expanded its operations to include 2 new international entities
Legal Services	44430.55	6041.88	TEM expanded its operations to include 2 new international entities
Short economy class flights (>400km, ≤3,700km)	33307.51	6545.47	Our team grew in both Melbourne and Sydney requiring additional domestic flights
Medium Car: unknown fuel	22836.8	11699.07	Our team growth increased our staff commute emissions
General waste (municipal waste)	17536	3775.73	Our team growth saw an increase in waste production

Use of Climate Active carbon neutral products and services

Certified brand name	Product or Service used
Powershop	Electricity
Qantas	Carbon Neutral Flights

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 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	10.99	10.99
Cleaning and Chemicals	0.00	0.00	0.37	0.37
Climate Active Carbon Neutral Products and Services	0.00	0.00	0.00	0.00
Electricity	0.00	0.56	0.00	0.56
Food	0.00	0.00	19.53	19.53
ICT services and equipment	0.00	0.00	44.38	44.38
Office equipment & supplies	0.00	0.00	8.08	8.08
Postage, courier and freight	0.00	0.00	0.24	0.24
Products	0.00	0.00	0.52	0.52
Professional Services	0.00	0.00	109.94	109.94
Transport (Air)	0.00	0.00	55.93	55.93
Transport (Land and Sea)	13.64	0.00	26.65	40.29
Waste	0.00	0.00	18.39	18.39
Water	0.00	0.00	0.27	0.27
Working from home	0.00	0.00	-4.92	-4.92
Grand Total	13.64	0.56	290.38	304.57

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.

Not Applicable

6. CARBON OFFSETS

Offsets retirement approach

In arrears		
1.	Total number of eligible offsets banked from last year's report	100
2.	Total emissions footprint to offset for this report	304.57
3.	Total eligible offsets required for this report	204.57
4.	Total eligible offsets purchased and retired for this report	309
5.	Total eligible offsets banked to use toward next year's report	4

Co-benefits

One hundred percent of TEM's offset commitments for FY22 are met through the purchase of ACCUs supporting Indigenous fire management in Arnhem Land.

Arnhem Land in the Northern Territory is prone to extreme, devastating wildfires that affect the landscape, people, plants and animals. These projects comprise an entirely Aboriginal-owned, not-for-profit carbon farming business created by Aboriginal Traditional Owners in Arnhem Land to support their engagement with the carbon industry. Arnhem Land Fire Abatement (ALFA) currently supports Traditional Owners to manage five fire projects across an area of over 80,000 km².

Aboriginal Traditional Owners and rangers utilise customary fire knowledge to accomplish highly sophisticated landscape-scale fire management. Controlled burns are conducted early in the dry season to reduce fuel on the ground and establish a mosaic of natural firebreaks, preventing bigger, hotter, and uncontrolled wildfires later in the season. Using both aerial burning (incendiary pellets dropped from helicopters) and ground burning, rangers burn strategically, adding to natural breaks such as moist ground along creeks, cliff lines and tracks to create unburned 'compartments' surrounded by burned breaks. Rangers manage fire across a range of ecosystems including the escarpments, gorges and sandstone heaths of the Arnhem Plateau.

The projects provide employment and training opportunities for local rangers while supporting Aboriginal people in returning to, remaining on and managing their country. Communities are supported in the

preservation and transfer of knowledge, the maintenance of Aboriginal languages and the wellbeing of traditional custodians. Preventing wildfires also reduces the risk of wildlife loss and protects the areas surrounding ancient rock art sites.

The project meets the following Sustainable Development Goals:

- Good Health and Well-being
- Decent Work and Economic Growth
- Industry, Innovation and Infrastructure
- Sustainable Cities and Communities
- Climate Action
- Life Below Water
- Life on Land
- Peace, Justice and Strong Institutions
- Partnerships for the Goals

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 (%)
West Arnhem Land Fire Abatement (WALFA) Project	KACCUs	ANREU	5 Dec 2022	8,344,312,116-8,344,312,324 Evidence of retirement provided in Appendix A.	2021-22	0	209		0	209	69%
West Arnhem Land Fire Abatement (WALFA) Project	KACCUs	ANREU	21 Dec 2021	8,329,143,396 - 8,329,143,578 Evidence of retirement provided in Appendix A	2020-21	0	183	83	4	96	31%
Total offsets retired this report and used in this report										305	
Total offsets retired this report and banked for future reports										4	
Type of offset units		Quantity (used for this reporting period claim)					Percentage of total				
Australian Carbon Credit Units (ACCUs)		305					100				

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

Not Applicable

APPENDIX A: ADDITIONAL INFORMATION

Evidence of retirement.

Australian National Registry of Emissions Units

ANREU Home | Account Holders | Accounts | Unit Position Summary | Projects | Transaction Log | CER Notifications | Public Reports | My Profile

Logged in as: Alexander Lewis / Industry User

Transaction Details

Transaction details appear below:

Transaction Successfully Approved

Transaction ID	AU25176
Current Status	Completed (4)
Status Date	05/12/2022 17:15:15 (AEDT) 05/12/2022 06:15:15 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Lewis, Alexander John
Transaction Approver	Lewis, Alexander John
Comment	Retired on behalf of Tasman Environmental Markets Australia Pty Ltd for their Climate Active Carbon Neutral Certification for FY22.

Transferring Account		Acquiring Account	
Account Number	AU-3255	Account Number	AU-1068
Account Name	Tasman Environmental Markets Australia Pty Ltd	Account Name	Australia Voluntary Cancellation Account
Account Holder	Tasman Environmental Markets Australia Pty Ltd	Account Holder	Commonwealth of Australia

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			EGP100945					2021-22		8,344,312,116 - 8,344,312,324	209

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach

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.

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 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	0	0	0%
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)	129	0	19%
Residual Electricity	565	562	0%
Total grid electricity	694	562	19%
Total Electricity Consumed (grid + non grid)	694	562	19%
Electricity renewables	129	0	
Residual Electricity	565	562	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		562	
Total renewables (grid and non-grid)	18.59%		
Mandatory	18.59%		
Voluntary	0.00%		
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 (kgCO ₂ e)	Scope 3 Emissions (kgCO ₂ e)
ACT	0	0	0
NSW	694	541	49
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	694	541	49
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	694	541	49

Emission Footprint (TCO₂e)	1
<i>Scope 2 Emissions (TCO₂e)</i>	1
<i>Scope 3 Emissions (TCO₂e)</i>	0

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO ₂ e)
<i>Powershop Electricity</i>	6,703	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. 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

Not Applicable

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?
---------------------------------------	-------------	------------------	-------------	---------------------	--------------------	-----------------------

Not Applicable



An Australian Government Initiative

