



PUBLIC DISCLOSURE STATEMENT

**TASMAN ENVIRONMENTAL MARKETS PTY
LTD**

**ORGANISATION CERTIFICATION
FY2020–21**


Australian Government

Climate Active Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Tasman Environmental Markets Pty Ltd
REPORTING PERIOD	1 July 2020 – 30 June 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>Andrew Grant Executive Chairman</p> <p>25th March 2022</p>



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

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Version September 2021. To be used for FY20/21 reporting onwards.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	82 tCO ₂ -e
OFFSETS BOUGHT	100% ACCUs
RENEWABLE ELECTRICITY	Total renewables: 45.45%
TECHNICAL ASSESSMENT	Date: 14 December 2021 Name: Rob Rouwette Organisation: start2see Pty Ltd Next technical assessment due: 31 October 2024

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2. CARBON NEUTRAL INFORMATION

Description of certification

This is an organisation carbon neutral certification for Tasman Environmental Markets (TEM), ABN 58 778 566 524 and includes the business operations of TEM across Australia incorporating our Scope 1, 2 and 3 emissions. One hundred percent of our emissions for FY21 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 organisation certification is for Tasman Environmental Markets Pty Ltd (ACN 168 499 161) in its capacity as the general partner of the Tasman Environmental Markets Limited Partnership (a limited partnership) (ABN 58 778 566 524)

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 Mornington and Abbotsford, Victoria. We also have staff working in Sydney, Brisbane, and Auckland.

3.EMISSIONS BOUNDARY

This is a medium organisation certification, which uses the standard Climate Active 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 in 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> <p>Accommodation and facilities</p> <p>Air Transport (fuel)</p> <p>Air Transport (km)</p> <p>Cleaning and Chemicals</p> <p>Electricity</p> <p>Food</p> <p>ICT services and equipment</p> <p>Land and Sea Transport (fuel)</p> <p>Land and Sea Transport (km) (Includes Staff Commute)</p> <p>Office equipment & supplies</p> <p>Postage, courier and freight</p> <p>Professional Services</p> <p>Waste</p> <p>Working from home</p>	<p><u>Non-quantified</u></p> <p>Not Applicable</p>	<p><u>Excluded</u></p> <p>Not Applicable</p>

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

As we have learnt through the pandemic, there are alternatives to face-to face meetings, as such we will continue hold as many meetings as possible via video call to reduce our travel emissions which make up a large proportion of our overall emissions. To ensure this commitment is met TEM will develop a Travel policy by the end of the financial year FY22 that applies to all staff and considers the need to travel before any bookings are made.

As travel is the main cause of our emissions, and TEM's workforce continues to grow we will look to move away from the generic staff commute calculators and take more specific data to capture the way our staff are travelling to work. We anticipate monitoring this through FY23 and having complete data to utilise in our FY24 Reporting.

Emissions reduction actions

TEM has switched its Victorian offices over to Powershop and increased the green power contribution to 100% since July 1 2021, in line with our Emission reduction strategy commitment from FY20. (We do not have control over the electricity provider for our Sydney office).

TEM's Emissions have reduced significantly in FY21 despite the growth of the organisation,

5.EMISSIONS SUMMARY

Emissions over time

TEM's workforce has increased 50% over the last financial year, however our emissions have decreased due to reduced travel caused by COVID restrictions.

Emissions since base year		Total tCO ₂ -e
Year 1:	2019–20	119
Year 2:	2020–21	82

Significant changes in emissions

Our emission reduction is directly correlated to a considerable decrease in air travel due to travel restrictions and lockdowns. Whilst we do consider the alternatives to face-to-face meetings, this reduction is not solely a result of internal factors.

Our team has grown exponentially over FY21 and this has contributed to an increase in our emissions from food consumption.

Our business growth has meant that we no longer report under the Climate Active small business boundary, therefore some emissions included this year where not a requirement for our FY20 certification.

Emission source name	Current year (tCO ₂ -e)	Previous year (tCO ₂ -e)	Detailed reason for change
Fuel: Kerosene aircraft	4.75	0	One-off activity
Short Economy Class flights (>400km- <3700km)	6.54	15.6	Travel Policy / COVID restrictions
Food & Catering	9.69	5.9	Organic Growth
Computer & Technical Services	11.62	10.3	Organic Growth
Medium Car: Fuel Unknown	11.69	12.54	Organic Growth
Accounting Services	17.17	0	Not included under small organisation boundary
Legal Services	6.04	0	Not included under small organisation boundary

Use of Climate Active carbon neutral products and services

The following Climate Active carbon neutral products have been used within the certification boundary:

- Electricity - Powershop Australia - [link](#). The electricity for the Victorian offices was purchased from Powershop which is Carbon Neutral certified, in addition we purchased 50% green power, leaving 1,353 kg CO₂e in our inventory which we can claim as carbon neutral certified.
- Flights - liability covered by QANTAS carbon neutral certification - [link](#). Nonetheless, we still account for our flights through our Climate Active inventory.

Organisation emissions summary

The electricity summary is available in Appendix B.

Electricity emissions were calculated using a market-based approach.

TEM offsets flights at time of booking. However, due to various methods of bookings and the possibility some may have been missed or offsetting was not an option, TEM has made the conscious decision to include all flights in this inventory regardless of if they have been offset at time of booking or not.

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	2.65	2.65
Air transport (fuel)	4.52	0.00	0.23	4.75
Air transport (km)	0.00	0.00	9.76	9.76
Carbon neutral products and services	0.00	0.00	0.00	0.00
Cleaning and chemicals	0.00	0.00	0.27	0.27
Electricity	0.00	0.6	0.00	0.6
Food	0.00	0.00	9.69	9.69
ICT services and equipment	0.00	0.00	16.07	16.07
Land and sea transport (fuel)	1.10	0.00	0.06	1.16
Land and sea transport (km)	0.00	0.00	13.33	13.33
Office equipment & supplies	0.00	0.00	0.03	0.03
Postage, courier and freight	0.00	0.00	0.14	0.14
Professional services	0.00	0.00	25.08	25.08
Waste	0.00	0.00	3.78	3.78
Water	0.00	0.00	0.15	0.15
Working from home	0.00	0.00	-5.28	-5.28
Total	5.62	0.6	75.94	82.17

6. CARBON OFFSETS

Offsets strategy

Offset purchasing strategy: In arrears

1. Total offsets previously forward purchased and banked for this report	0
2. Total emissions liability to offset for this report	83
3. Net offset balance for this reporting period	83
4. Total offsets to be forward purchased to offset the next reporting period	100
5. Total offsets required for this report	183

Co-benefits

One hundred percent of TEM's offset commitments for FY21 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

Offsets summary

Proof of cancellation of offset units

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	Eligible quantity (Tco ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
West Arnhem Land Fire Abatement (WALFA) Project	KACCUs	ANREU	21 December 2021	8,329,143,396 - 8,329,143,578 Evidence of retirement provided in Appendix A.	2020-21	183	0	100	83	100%
Total offsets retired this report and used in this report									83	
Total offsets retired this report and banked for future reports								100		
Type of offset units				Quantity (used for this reporting period claim)			Percentage of total			
Australian Carbon Credit Units (ACCUs)				83			100%			

7. Renewable Energy Certificate (REC) Summary

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

Evidence of retirement.

Australian National Registry of Emissions Units

Transaction Details

Transaction details appear below:

[Transaction Successfully Approved](#)

Transaction ID: AU20785

Current Status: Completed (4)

Status Date: 21/12/2021 17:57:17 (AEDT)
21/12/2021 06:57:17 (GMT)

Transaction Type: Cancellation (4)

Transaction Initiator: Grant, Andrew William Thorold

Transaction Approver: Grant, Andrew William Thorold

Comment: Retired on behalf of Tasman Environmental Markets Pty Ltd for their Climate Active Carbon Neutral Certification for FY21.

Transferring Account

Account Number: AU-2734

Account Name: Tasman Environmental Markets Pty Ltd

Account Holder: Tasman Environmental Markets Pty Ltd

Acquiring Account

Account Number: AU-1058

Account Name: Australia Voluntary Cancellation Account

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			EUP102985					2020-21		8,329,143,396 - 8,329,143,578	183

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 (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 & Precinct LGCs)	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)	131	0	19%
Residual Electricity	563	604	0%
Total grid electricity	694	604	19%
Total Electricity Consumed (grid + non grid)	694	604	19%
Electricity renewables	131	0	
Residual Electricity	563	604	
Exported on-site generated electricity	0	0	
Emission Footprint (kgCO ₂ e)		604	
Total renewables (grid and non-grid)	45.45%		
Mandatory	2.76%		
Voluntary	42.70%		
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)	Emissions (kgCO ₂ e)
ACT	0	0
NSW	694	625
SA	0	0
Vic	4,058	4,423
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Grid electricity (scope 2 and 3)	4,752	5,048
ACT	0	0
NSW	0	0
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Non-grid electricity (Behind the meter)	0	0
Total Electricity Consumed	4,752	5,048

Emission Footprint (TCO₂e)	5
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Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO ₂ e)
<i>Powershop Electricity</i>	4,058	0

Note 1: Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.
Note 2: 50% or 2029 of the total Powershop reported electricity was also purchased as Greenpower electricity and this has been reflected in the 'Total Renewables' percentage table above.

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
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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?
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Not Applicable



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