



# **PUBLIC DISCLOSURE STATEMENT**

**EMM CONSULTING PTY LIMITED**


**ORGANISATION CERTIFICATION**

**FY2021–22**

Australian Government

# Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY	EMM Consulting Pty Limited
REPORTING PERIOD	Financial year 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>Elizabeth Webb Chief Executive Officer 20 October 2022</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	1,077.68tCO <sub>2</sub> -e
OFFSETS BOUGHT	100% VCU's
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT	17 October 2022 Heidi Fog Carbon Neutral Pty Ltd Next technical assessment due: October 2025
THIRD PARTY VALIDATION	Type 1 5 October 2022 Ben Tardrew-Munday Tardrew Partners

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

The Climate Active Carbon Neutral certification covers the Australian business operations of EMM Consulting Pty Limited, ABN 28 141 736 558. The operational boundary of the carbon account has been defined based on the operational control approach.

This Public Disclosure Statement represents the reporting period 1 July 2021 to 30 June 2022 (FY2021-22).

The carbon account has been prepared in accordance with the Climate Active Carbon Neutral Standard for Organisations. This entails using recognised emission factors and methods for carbon accounting published in Australia, such as the National Greenhouse Accounts (NGA) Factors, and the work of the international corporate accounting and reporting standard The Greenhouse Gas Protocol.

The greenhouse gasses included in the carbon account are the seven gasses reported under the Kyoto Protocol: carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF<sub>6</sub>) and nitrogen trifluoride (NF<sub>3</sub>). These gasses are expressed in carbon dioxide equivalents (CO<sub>2</sub>-e), providing the ability to present greenhouse gas emissions as one unit.

*“We are committed to building a legacy that improves our environment and community, leaving it stronger for future generations. This ethos is fully aligned with our purpose of creating opportunities.”*

### Organisation description

ABN/ACN: ABN – 28 141 736 558, ACN – 141 736 558

Description of the organisation: EMM Consulting Pty Limited (EMM) was established in 2008 and is proud to be a leading employee-owned environmental, planning and advisory consultancy. The company is formed by a diverse range of environmental scientists, engineers, planners and environmental specialists who work across a network of offices in Australia and Canada.

EMM is dedicated to environmental sustainability and is committed to protecting and improving the environment in all areas of our operations. We aim to make a positive contribution by promoting sustainable development and the continued prevention and reduction of adverse environmental impacts. Our team is committed to protecting the environment by conducting our operations in an ecologically sustainable manner and minimising environmental impacts.

EMM is certified to international standard ISO 14001:2015 Environmental Management Systems.

All trading names: EMM Consulting Pty Limited (EMM)

Child companies: EMM has a wholly owned subsidiary company operating in Canada also as EMM Consulting Pty Limited.

We have offices located in: Brisbane, Newcastle, Sydney, Canberra, Melbourne, Adelaide, Perth, Vancouver and Toronto.

EMM has extensive experience successfully delivering often complex, high-profile projects with large teams across a range of geographic, operational and climatic conditions. With a large and diverse resource base of over 250+ people, we apply a unique international delivery approach to projects whereby resources from across our network are placed to support a project based on capability and best for project outcomes.

We employ industry leaders across all levels of staff who have proven track records across multiple sectors.

## 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 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  
Cleaning  
Electricity  
Food, catering and entertainment  
ICT services and equipment  
Machinery and equipment repair and maintenance  
Office equipment (incl hire leasing, repair and maintenance) and office paper  
Postage, courier and freight  
Clothing  
Training and development  
Subscriptions and periodicals  
Marketing and advertising  
Business services  
Accounting services  
Insurance services  
Legal services  
Parking  
Stationary energy  
Fuel  
Air travel  
Landfill and water  
Taxi / rideshare / car hire  
Staff commute to and from work  
Staff working from home

### Non-quantified

All activities have been quantified

## Outside emission boundary

### Excluded

International offices

## 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

EMM Consulting is committed to reducing our FY22 carbon footprint by at least 30% by full-time equivalent number of employees (FTEs), evident when our Climate Active FY2029 carbon account is produced and submitted to Climate Active by 31 October 2029.

This translates into:

Reporting Period	FTE	Emissions (tCO <sub>2</sub> -e)	Emissions Intensity (tCO <sub>2</sub> -e/FTE)
FY2021-22	231.67	1,077.68	4.65
FY2028-29 - Target			3.26

#### Actions we have already implemented into our Business as Usual:

- In November 2021 we started purchasing a portion of our electricity through Powershop for our Sydney, Adelaide and Newcastle offices. Powershop fully offsets the electricity purchased.
- In September 2021, we commenced investing in carbon offsetting by offsetting our estimated FY21 emissions.
- We purchase 15 trees to be planted by Carbon Neutral for every new project won.

#### Actions we have commenced implementing into our Business as Usual and to be fully implemented by 31/12/2025:

- Continue to minimise the requirement for air travel. Where possible, flights are purchased as carbon neutral at the time of booking. From this initiative we aim to cut 50% of our air travel emission equating to saving an annual 51.09tCO<sub>2</sub>-e based on our FY22 base year.
- Gradually transition all of our purchased electricity for our tenancies (excluding our WA office where a 100% renewable product is yet to be available) to a 100% renewable electricity product between October 2022 and December 2025. This would have the ability to save an annual 74.79tCO<sub>2</sub>-e or 6.94% of our total carbon footprint based on our FY22 base year.
- Assisting all staff to transition into 20% greater use of non-car modes of transport (or carpooling) in commuting to and from work and for business-related land travel by 2024. The aim is to avoid 50tCO<sub>2</sub>-e from our land and sea transport associated emissions or 4.5% of our total carbon footprint based on our FY22 base year.
- Update our Sustainability Policy.
- Prepare our Climate Conscious Procurement Policy by July 2023, to include, but not limited to:
  - A companywide requirement to site a potential supplier's Sustainability Policy prior to



contract negotiation.

- Providers with Climate Active certified carbon neutral product(s) or service(s) will be allocated a weighted preference.
- Locations for future offices not connected to natural gas and buildings with a low energy base building consumption will be prioritised.
- Only purchasing whitegoods with the highest possible energy rating and never to invest in glass fridges or vending machines due to their energy inefficiencies.
- Instigate a project by February 2023, to investigate our energy consumption after hours to eliminate avoidable demand. This will include our IT department who will be given the challenge to reducing our out-of-hours IT related kWh usage by 50% by end of 2025.
- Review our requirements for refrigeration with an aim to cut our fridge capacity by 50% by end of 2025.
- Utilise electrical vehicles where possible when car hire.
- An all staff focus on reducing our volume to landfill by diverting, if these cannot be avoided all together, resources from landfill to recycling. Our target is zero uncontaminated paper and cardboard and zero food going to landfill from 1 June 2023 and at the same time reduce contamination rate by 100% of materials going to recycling. From these initiatives we aim to save 50% of our landfill volume going to landfill equating to saving an annual 36.03tCO<sub>2</sub>-e based on our FY22 base year.
- We will uphold our status as a Climate Active carbon neutral certified organisation.
- Our Management Team and Board of Directors will visualise and build commitment, engagement and action amongst all colleagues, clients and supply chain to ensure all understand what is expected of them and the direction we are taking. Starting with reviewing, endorsing and publicising our Sustainability Policy internally and on our website.

## 5.EMISSIONS SUMMARY

### Use of Climate Active carbon neutral products and services

Certified brand name	Product or Service used
Winc (Opal: Reflex)	78 reams of office paper
Powershop	56,498.657kWh
Jetstar / Qantas / Virgin Australia	50,170 passenger kilometers flown (listed as a total, as some flights use multiple certified brand carriers)

### Organisation emissions summary

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

Emission category	Sum of total emissions (tCO <sub>2</sub> -e)
Accommodation and facilities	58.24
Air transport (km)	102.18
Cleaning and chemicals	6.12
Electricity	159.45
Food	29.21
ICT services and equipment	93.12
Land and sea transport (fuel)	94.75
Land and sea transport (km)	181.31
Machinery and vehicles	12.12
Office equipment & supplies	46.38
Postage, courier and freight	6.33
Products	4.18
Professional services	154.46
Stationary energy	6.85
Waste	72.06
Water	4.49
Working from home	46.43
<b>Total</b>	<b>1,077.68</b>

### Uplift factors

N/A

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 <sub>2</sub> -e
Total of all uplift factors	0.00
<b>Total footprint to offset</b> (total net emissions from summary table + total uplifts)	<b>1,077.68</b>

## 6. CARBON OFFSETS

### Offsets retirement approach

In arrears	
1. Total emissions footprint to offset for this report	1,078
2. Total eligible offsets purchased and retired for this report	1,078
3. Total eligible offsets banked to use toward next year's report	0

### Co-benefits

*ID 1546 Renewable Energy Usak Wind Power Plant project Turkey*

The co-benefits of the chosen carbon offset project deliver consideration and engagement with the local community and monitoring of wildlife. The table indicates how this project contributes to the United Nation SDGs.

UN Sustainable Development Goals			
<b>Goal 3: Good Health and Well-being</b>	<b>3</b> GOOD HEALTH AND WELL-BEING	<b>7</b> AFFORDABLE AND CLEAN ENERGY	<b>8</b> DECENT WORK AND ECONOMIC GROWTH
<b>Goal 7: Affordable and clean energy</b>			
<b>Goal 8: Decent Work and Economic Growth</b>			<b>13</b> CLIMATE ACTION
<b>Goal 13: Climate action</b>			

## 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 <sub>2</sub> -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 (%)
Usak Wind Power Plant, Turkey	VCUs	Verra Registry	14 Oct 2022	<a href="#">8493-25276037-25277114-VCS-VCU-1590-VER-TR-1-1546-01012015-31122015-0</a>	2015		1,078	0	0	1,078	100%
Total offsets retired this report and used in this report										1,078	
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)		1,078					100%				

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) summary

N/A

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

1. Large-scale Generation certificates (LGCs)*	0
2. Other RECs	0

\* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location
Total LGCs surrendered this report and used in this report							0		

## APPENDIX A: ADDITIONAL INFORMATION

N/A

## APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a location-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 <sub>2</sub> e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0%</b>
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	239	0	0%
Jurisdictional renewables (LGCs retired)	8,463	0	4%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	1,933	0	1%
Large Scale Renewable Energy Target (applied to grid electricity only)	34,288	0	18%
Residual Electricity	149,917	149,162	0%
<b>Total grid electricity</b>	<b>194,839</b>	<b>149,162</b>	<b>23%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>194,839</b>	<b>149,162</b>	<b>23%</b>
Electricity renewables	44,922	0	
Residual Electricity	149,917	149,162	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emissions (kgCO <sub>2</sub> e)		149,162	
<b>Total renewables (grid and non-grid)</b>	<b>23.06%</b>		
<b>Mandatory</b>	<b>22.93%</b>		
<b>Voluntary</b>	<b>0.12%</b>		
<b>Behind the meter</b>	<b>0.00%</b>		
<b>Residual Electricity Emission Footprint (TCO<sub>2</sub>e)</b>	<b>149</b>		

*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 <sub>2</sub> e)	Scope 3 Emissions (kgCO <sub>2</sub> e)
ACT	10,395	8,108	728
NSW	124,779	97,327	8,735
SA	12,927	3,878	905
Vic	9,534	8,676	953
Qld	20,173	16,139	2,421
WA	17,030	11,410	170
<b>Grid electricity (scope 2 and 3)</b>	<b>194,839</b>	<b>145,539</b>	<b>13,912</b>
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
WA	0	0	0
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>194,839</b>	<b>145,539</b>	<b>13,912</b>
<b>Emission Footprint (TCO<sub>2</sub>e)</b>	<b>159</b>		
<i>Scope 2 Emissions (TCO<sub>2</sub>e)</i>	146		
<i>Scope 3 Emissions (TCO<sub>2</sub>e)</i>	14		

### Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO <sub>2</sub> e)
Powershop	56,499	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
N/A				

## APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

### Excluded emission sources

The below emission sources have been assessed as not relevant to an 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.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
International offices	No	No	No	No	No	No



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