

PUBLIC DISCLOSURE STATEMENT

MONASH GRADUATE ASSOCIATION

ORGANISATION CERTIFICATION CY2022

Australian Government

Climate Active Public Disclosure Statement





An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Monash Graduate Association Inc.
REPORTING PERIOD	Calendar Year 1 January 2022 – 31 December 2022 Arrears report
DECLARATION	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.
	Jenny Reeder Executive Officer 26/04/2023



Australian Government

Department of Climate Change, Energy, the Environment and Water

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Version March 2023.



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	183 tCO ₂ -e
OFFSETS USED	100% CERs
RENEWABLE ELECTRICITY	18.64%
CARBON ACCOUNT	Prepared by: Green Moves (Aust) Pty Ltd
TECHNICAL ASSESSMENT	Not required for Small Organisation

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2. CARBON NEUTRAL INFORMATION

Description of certification

This Climate Active Carbon Neutral Organisation certification covers the Australian business operations of Monash Graduate Association Inc., ABN 86 800 958 958. This carbon emission inventory has been based on the Climate Active Small Organisation fixed emission boundary using an operational control approach.

This certification covers the business operations of the Australian business whose main office location is Room 157, First Floor, Campus Centre, 21 Chancellors Walk, Monash University, Clayton Victoria 3800

Organisation description

The Monash Graduate Association Inc. (MGA) is an independent incorporated body that is responsible for, and answerable to, the Monash University graduate student community.

The MGA is the cross-campus representative body that provides services and support to over 28,000 graduate students across Australia.

MGA website: https://mga.monash.edu/





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 Stationary energy and fuels Electricity Accommodation Carbon neutral products and services Cleaning and chemicals Food ICT services and equipment **Professional services** Land and sea transport Office equipment and supplies Postage, courier and freight Refrigerants Transport (air) Transport (land and sea) Waste

Non-quantified

Water

Outside emission boundary

Excluded

None



4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Monash Graduate Association commits to reduce emissions across its value chain (scope 1, 2 and 3) by at least 15% by 2025, and 40% by 2030 from our CY2021 base year. MGA aims to achieve this by implementing the following emissions reduction plan.

Emission reduction action plan	Target
Energy – MGA do not control the energy accounts at the University and the University's 35% Greenpower from their Power Purchase Agreement cannot be applied to MGA's carbon inventory. However, our actions include advocacy to the building management in support of transitioning to an electricity supply that is 100% renewable energy. MGA will actively lobby the University to invest in green energy infrastructure on campus and support the use of SSAF Capital Development funds to implement change.	Ongoing
The MGA will transition to vegetarian-only catering at MGA events, with the aim of reaching 50% vegetarian by the December 2022, 75% by July 2023 and 100% by December 2023.	December 2023
Professional Services emissions are primarily advertising. We will review advertising with a view to reducing emissions over the next 2 years.	June 2024
The MGA will transition to Australian-made merchandise, with the aim of reaching 50% by the December 2022, 75% by July 2023 and 100% by December 2023. This aims to support local merchandise providers who provide more sustainable products with decreased supply chain emissions.	December 2023
Travel and commuting – travel emissions were lower than what would be normal during CY 2021 due to COVID-19 impacts. Nevertheless, we will aim to reduce our travel emissions by installing conference quality AV systems at the two main offices eliminating avoidable business travel by utilizing video conferencing where possible. The MGA will also lobby the Victorian State government to provide public transport concessions to graduate students, in line with concessions provided to graduate students in other states, making the use of public transport more affordable and thereby supporting students to choose a more sustainable transport option.	June 2024
General purchasing policies – We will develop policies to formally preference certified carbon neutral products and services. We will purchase Carbon neutral paper from June 2023. Where suitable carbon neutral company, products or services are not available, we aim to use those that have environmental policies and procedures in place or carry other environmental credentials by 2025	June 2025



Emissions reduction actions

Actions undertaken over the period are noted below.

Emission reduction actions completed	Completed
Monitoring our greenhouse gas emissions annually and seeking to reduce them. We will continue to recertify annually and monitor our emissions.	Ongoing



5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year									
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)						
Base year/Year1:	2021	176.4 tCO2e	185.3 tCO2e						
Year 2:	2022	173.9 tCO2e	182.7 tCO2e						

Significant changes in emissions

The following emissions have noted significant changes over the period.

Emission source name	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Detailed reason for change		
Electricity	50.645	36.693	Improved accuracy of energy use data		
Advertising	21.672	23.307	Return to business-as- usual post COVID		

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

Certified brand name	Product/Service/Building/Precinct used
Virgin	Flight offsets
Qantas	Flight offsets
Opal Australia Paper	Carbon neutral paper



Emissions summary

The electricity summary is available in Appendix B. Electricity emissions were calculated using a marketbased approach.

Emission category	Sum of Total Emissions (t CO2-e)
Accommodation and facilities	11.29
Cleaning and Chemicals	0.00
Climate Active Carbon Neutral Products and Services	0.00
Electricity	41.55
Food	46.69
ICT services and equipment	10.35
Machinery and vehicles	1.96
Office equipment & supplies	6.21
Postage, courier and freight	0.02
Professional Services	36.73
Refrigerants	0.00
Stationary Energy (gaseous fuels)	3.62
Transport (Air)	0.21
Transport (Land and Sea)	11.49
Waste	1.62
Working from home	2.24
Total	173.98

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	tCO₂-e
Mandatory 5% uplift for small organisations	8.699
Total of all uplift factors	8.699
Total emissions footprint to offset (total emissions from summary table + total of all uplift factors)	182.683



6.CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 183 t CO₂-e. The total number of eligible offsets used in this report is 183. Of the total eligible offsets used, 0 were previously banked and 183 were newly purchased and retired. 0 are remaining and have been banked for future use.

Co-benefits

Biodiverse Reforestation Carbon Offsets remove CO2 from the atmosphere every day. This project is also helping to restore an environment. It enhances our shared natural capital with habitat restoration and land conservation and brings social and economic benefits. The Yarra Yarra Biodiversity Corridor plantings are located in the northern wheatbelt of Southwestern Australia. The region has an exceptionally high number of plant and animal species found nowhere else in the world. It has been identified as one of 35 global biodiversity hotspots for wildlife and plants, and the first one identified in Australia. The Yarra Yarra Corridor was once an area of vibrant woodlands. But since the arrival of Europeans in the early 1900s years ago, approximately 97% of the vegetation has been cleared for traditional farming practices. Now, due to problem soils and a drying climate, parts of the landscape are not suitable for traditional agriculture. The loss of habitat has also caused native species to be under threat.

Planting trees and shrubs is part of a much larger vision. The goal is to link small patches of remaining vegetation and 12 nature reserves to create a green corridor to help restore ecosystems and preserve threatened and unique flora and fauna.



Co-benefits of the Yarra Yarra Biodiversity Project contribute to the United Nation's Sustainable Development Goals.

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15 UFE ON LAND

17 PARTNERSHIPS FOR THE GOALS Provision of job-specific training sessions and inductions for local employees

Lowering salinity in both gound and surface waters over the project's life.

Creation of 400+ jobs, over 50 indigenous roles and more than 80 businesses have been engaged.

At least 967,695 tonnes of CO₂-e will be sequestered during the project's lifetime.

The biodiverse plantings of native trees and shrubs contains over 30 species of conservation siginifcance

Partnerships with 11 local and national organisations have been formed from the project.



Eligible offsets retirement summary

Offsets retired for Climate Active Carbon Neutral Certification													
Project de	scription	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	Percenta total (%)	ge of
CDM CER Power Pro Shangyi W Stapled to Biodiverse Carbon Off WA	China, Wind ject /anshigou Reforestation set Project,	CER	ANREU	21 April 2023 21 April 2023	<u>1.137,470,673 -</u> <u>1.137,470,855</u> <u>12PWA350282B -</u> <u>12PWA350464B.</u>	CP2 2015- 2019	- 183	-	-	0	- 183		100% -
							То	tal eligible offs	ets retired and us	sed for this report	183		
					Total eligible offsets	retired this r	eport and b	anked for use i	n future reports	0			
	Type of offs	et units			Eligible quantity (u	sed for this	reporting	period)	Percentage of	total			
	Certified Emi	ssions Red	ductions (CE	Rs)	183				100%				



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Australian Government

Australian National Registry of Emissions Units

ANREU Home	Transaction De	tails										Logged in	as: Georgiana Rogers / Industry User	
Account Holders	T													
Accounts	Transaction details	appear below.												
Unit Position Summary														
Projects	Transaction ID		AU27026											
Transaction Log	Current Status		Completed	1(4)										
CER Notifications	Status Date		21/04/202	3 12:57:23 (AES	T)									
Public Reports	1.11		21/04/202	3 02:57:23 (GM	1)									
My Profile	Transaction Type		Cancellatio	Cancellation (4)										
	Transaction Initia	Iransaction Initiator Wilson, Raymond Glen												
	Transaction Appr	over	Rogers, G	Rogers, Georgiana S A										
	Comment		Cancelled	ancelled on behalf of Monash Graduate Association to support its carbon neutral claim for CY 2022 against the Climate Active Carbon Neutral Standard										
	Transferring Acco	unt							Acquiring Account					
	Account Number	AU-2545						Account AU-2764 Number						
	Account Name	Carbon Neutral Pty Ltd					Account Name Voluntary Cancellation – CP2							
	Account Holder	Carbon Neutral Pty Ltd		Acc					Account Holder Commonwealth of Australia					
	Transaction Block	s												
	Party Type Transaction Type Original CP Current CP ERF Project ID NGER Facility						NGER F	acility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
	CN CER	Kyoto Voluntary Cancellation	2	2						CN-8071			1,137,470,673 - 1,137,470,855	183
	Transaction Status	History												
	Status Date					Stat	us Code							
	21/04/2023 12:57:23 (AEST) 21/04/2023 02:57:23 (GMT) Completed (4)													



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)*	N/A
2.		

* 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	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
Fotal LGCs surrendered this report and used in this report									



APPENDIX A: ADDITIONAL INFORMATION

The certificate below verifies the retirement of 183 tonnes of carbon offsets for Monash Graduate Association's carbon neutral claim.





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)	Emissi ons (kg CO2-e)	Renewa ble Percent age 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	0	0	0%			
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)	9,968	0	19%			
Residual Electricity	43,507	41,549	0%			
Total renewable electricity (grid + non grid)	9,968	0	19%			
Total grid electricity	53,475	41,549	19%			



Total electricity (grid + non grid)	53,475	41,549	19%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	43,507	41,549	
Scope 2	38,422	36,693	
Scope 3 (includes T&D emissions from consumption under operational control)	5,085	4,856	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	18.64%
Mandatory	18.64%
Voluntary	0.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO2-e)	36.69
Residual scope 3 emissions (t CO2-e)	4.86
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	36.69
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e)	4.86
Total emissions liability (t CO2-e)	41.55
Figures may not sum due to rounding. Renewable percentage can be above 100%	

Operations in Climate Active buildings and precincts

Operations in Climate Active buildings and precincts	Electricity consumed in Climate Active certified building/preci nct (kWh)	Emissi ons (kg CO2-e)
Enter name or address of Climate Active certified building/precinct	0	0
Enter name or address of Climate Active certified building/precinct	0	0
Climate Active carbon neutral electricity is not renewable electricity. These been offset by another Climate Active member through their building or pre- electricity consumption is also included in the market based and location be electricity that has been sourced as renewable electricity by the building/pr based method is outlined as such in the market based summary table.	electricity emissions cinct certification. Th ased summary table ecinct under the mai	s have nis s. Any rket

Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissi ons (kg CO2-e)			
Enter name of Climate Active Carbon Neutral electricity product	0	0			
Enter name of Climate Active Carbon Neutral electricity product	0	0			
Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their electricity product certification. This electricity consumption is also included in the market based and location based summary tables. Any electricity that has been sourced as renewable electricity by the electricity product under the market based method is outlined as such in the market based summary table.					



Location Based Approach Summary							
Location Based Approach	Activity Data (kWh) total	Under o	perational	Not ope co	Not under operational control		
Percentage of grid electricity consumption under operational control	100%	(kWh)	Scope 2 Emissi ons (kg CO2- e)	Scope 3 Emissi ons (kg CO2- e)	(k Wh)	Scope 3 Emissi ons (kg CO2- e)	
ACT	0	0	0	0	0	0	
NSW	0	0	0	0	0	0	
SA	0	0	0	0	0	0	
VIC	53,475	53,475	45,454	3,743	0	0	
QLD	0	0	0	0	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)	53,475	53,475	45,454	3,743	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)	53,475						

Residual scope 2 emissions (t CO2-e)	45.45
Residual scope 3 emissions (t CO2-e)	3.74
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO2-e) Scope 3 emissions liability (adjusted for already	45.45 3.74
Total emissions liability (t CO2-e)	49 20



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 <u>one</u> of the following reasons:

- 1. Immaterial <1% for individual items and no more than 5% collectively
- 2. <u>Cost effective</u> Quantification is not cost effective relative to the size of the emission but uplift applied.
- 3. <u>Data unavailable</u> Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
- 4. <u>Maintenance</u> Initial emissions non-quantified but repairs and replacements quantified.

Relevant non-quantified emission sources	Justification reason
Water	Immaterial

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.



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. <u>Size</u> The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions.
- 2. <u>Influence</u> The responsible entity has the potential to influence the reduction of emissions from a particular source.
- <u>Risk</u> 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.
- <u>Outsourcing</u> 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.



Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
						Size: e.g., The emissions source is likely to be between X and Y t-CO ₂ -e, which is not large compared to the total emissions from electricity, stationary energy and fuel emissions (Z t-CO ₂ -e).
						Influence: e.g., We do not have the potential to influence the emissions from this source, including by shifting to a different lower-emissions supplier for our business.
None	Y / N	Y / N	Y / N	Y / N	Y / N	Risk: e.g., There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.
						Stakeholders: e.g., Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our business.
						Outsourcing: e.g., We have not previously undertaken this activity within our emissions boundary and comparable organisations do not typically undertake this activity within their boundary.







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