PUBLIC DISCLOSURE STATEMENT

GEELONG CHAMBER OF COMMERCE

2022 GEELONG BUSINESS EXCELLENCE AWARDS PRESENTATION EVENT

27 OCTOBER 2022

POST-EVENT REPORT

Australian Government

Climate Active
Public Disclosure Statement

An Australian Government Initiative

RESPONSIBLE ENTITY NAME	Geelong Chamber of Commerce
NAME OF EVENT	2022 Geelong Business Excellence Awards Presentation Event
EVENT DATE(S)	27/10/2022
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.* Signature here Tennille McInness Business Awards Manager 24/10/2022

Australian Government
Department of Climate Change, Energy, the Environment and Water

Version: March 2022

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	8 tCO_2-e
OFFSETS BOUGHT	100% CERs
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT (LAREGE EVENT ONLY)	N/A Next technical assessment due:
THIRD PARTY VALIDATION (LARGE REOCCURING EVENT ONLY)	N/A

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2.CARBON NEUTRAL INFORMATION

Description of certification

Event name: 2022 Geelong Business Excellence Awards Presentation Event
Event date(s): 27/10/2022
Event location(s): GMHBA Stadium, Presidents Room, Level 2, Brownlow Stand, Geelong 3220, Victoria
Actual attendees: 810

The Climate Active event calculator was used to prepare this carbon inventory, which is based on the *Climate Active Carbon Neutral Standard for Events*.

Event description

The 2022 Geelong Business Excellence Awards Presentation Event is organised every year in Geelong by the Geelong Chamber of Commerce to recognise and celebrate the finalists and winners of the 2022 Geelong Businesss Excellence Awards. The Geelong Chamber of Commerce is Geelong's purpose-built organisation in support of local business. The event will take place on 27 October 2022 and it will run from 6pm to 10pm. The presentation event is included in the carbon neutral certification. Any after-party event is not included in current certification.

This is the first time the event is being certified. The actual attendance for this year was 810 attendees.

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 event, 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 the event'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

Electricity

Attendee travel

Staff travel

Food & drink

Accommodation

Marketing & Advertising

Waste

Water

Non-quantified

Event preparation

Outside emission boundary

Excluded

Diesel for generators

After Party

Data collection – changes since the pre-event report

Emission source	Data collection method	Assumptions / conservative approach
Travel	Attendee address on registration – Distance to event location	Attendees and staff are local based
Accommodation	Survey during the event	No accommodation required for attendees
Food	Catering service contracted by organiser	10 vegan mains, 20 vegetarian main, 780 meat mains, 810 vegetarian entrees and deserts. Two drinks per person.
Electricity	Building energy use for a room of 600 m2	Event duration: six hours including event preparation and cleaning.
Waste	Estimated weight of waste based on waste generated	4% of food goes to landfill
Water	Average consumption per attendee provided by Climate Active	
Promotional Material	Data provided by customer	1 skin of banner (the base will be re-used, just replace the skin) 400 booklets of 20 pages Flowers as Centrepiece 1 Medial Wall

4.EMISSIONS REDUCTIONS

Emissions reduction measures

We have contracted Climate Society to identify sources of carbon emissions and provide recommendations to reduce emissions.

Our emissions reduction strategy contemplates:

1) Reducing the amount of printing. We provide digital material with QR codes the attendees instead of paper printed copies.

2) Reduce the amount of meat at the dinner: At the awards dinner, we will be choosing a vegetarian/vegan entrée.

3) Promotional material: We have changed our most of our promotional materials to digital form, except for a skin of banner, a presentation booklet an a media wall.

4) For dinning table we will use flowers as a centerpiece instead of plastic material

5) We will server tap water during the event instead of plastic bottles.

Waste

Our methods of reducing our wastage for an events such as the Excellence Awards include:

- Food purchased and not used on the night will be used in producing specials in the Charles & Co. Café
- Separated food bins when disposing of food items
- Multiple use of food items, for example making stocks
- Food items donated to local charity or used for staff meals

All of the above leads us to having very little food wastage across our Higher Mark kitchens.

The ability to use food across multiple area's in the stadium gives us a big advantage to ensure our food wastage is very low. These area's include:

- Staff meals
- Player meals
- Conference and Events
- Charles & Co. Café

5.EMISSIONS SUMMARY

Significant changes in emissions – pre-event vs post-event

Emission source name	Pre-event (tCO_2-e)	Post-event (tCO_2-e)	Detailed reason for change
Transport (Land and Sea)	1.520	2.040	Number of attendes went up – estimated value: 570; actual value: 810
Food	2.821	4.010	Same as above
Waste	0.384	0.421	Same as above

Use of Climate Active carbon neutral products and services

Certified brand name	Product or Service used
N/A	

Event emissions summary

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

Emission category	Pre-event emissions (tCO_2-e)	Sum of total emissions (tCO_2-e)
Electricity	0.089	0.089
Transport (Land and Sea)	1.520	2.040
Food	2.821	4.010
Waste	0.384	0.421
Water	0.004	0.005
Office equipment & supplies	0.189	0.189
Products	0.020	0.020
Total net emissions	**5.027**	**6.774**
Difference between pre-event and post-event	**1.747**	

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
2% Uplift to account for non-quantified sources where data collection is not cost effective	0.135
10% Uplift to account for uncertainty on distance travelled	0.677
5% Uplift ot account for higher food emissions - higher weight of meat per meal	0.339
Total of all uplift factors	1.152
Total footprint to offset *(total net emissions from summary table + total uplifts)*	**7.926**

6. CARBON OFFSETS

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 (%)**
Improved Cook Stove Project 1, Nkhata Bay District, Malawi	CER	UNFCCC	24 Oct 2022	MW-5-338811-2-2-0-9933 - MW-5-338818-2-2-0-9933	CP2	0	8	0	0	8	100%
									Total offsets retired this report and used in this report	8	
									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
Certified Emissions Reductions (CERs)	8	100%

Co-benefits

Environmental

- The project will help significantly reduce Malawi's greenhouse gas emissions;
- The project will help reduce the use of non - renewable biomass from forests, thus assisting in conserving existing forest stock s, and the protection of natural forest eco - systems and wildlife habitats; and
- The protection of standing forests will also help protect watersheds, reduce soil erosion and maintain rainfall in the project area.

Social

- The Changu Changu Moto stove provides a significantly safer method for cooking with biomass, helping to reduce burn injuries, especially for children;
- The improved efficiency of the Changu Changu Moto stove significantly reduces wood fuel consumption, meaning that considerably less time is required to collect wood fuel. This reduces the work burden on rural families and allows for alternative opportunities for economic development.

Health

- Worldwide, it is estimated that around 1.5 million premature deaths occur annually due to indoor air pollution, with around 15,000 per year in Malawi12. Women and children are the main victims.Adoption of more efficient stoves can significantly reduce indoor air pollution respiratory and health problems associated with smoke emission from biomass stoves13 14. The decrease in total biomass burned and an increase in the temperature of combustion in the Changu Changu Moto improved cook stove will result in lower carbon dioxide, carbon monoxide and particulate emissions.

Economic

- The project will create employment and contribute to the economic development of Nkhata Bay District through the stove construction, maintenance and monitoring activities.
- In areas where wood fuel is purchased, use of the Changu Changu Moto stove will significantly reduce household expenditure on cooking fuel

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

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. Other RECs	N/A

* 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			

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 (kgCO2e)	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)	16	0	19%
Residual Electricity	72	72	0%
Total grid electricity	**89**	**72**	**19%**
Total Electricity Consumed (grid + non grid)	**89**	**72**	**19%**
Electricity renewables	16	0	
Residual Electricity	72	72	
Exported on-site generated electricity	**0**	**0**	
Emissions (kgCO2e)		72	

Total renewables (grid and non-grid)	**18.59%**
Mandatory	**18.59%**
Voluntary	**0.00%**
Behind the meter	**0.00%**
Residual Electricity Emission Footprint (TCO2e)	**0**

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	89	81	9
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	**89**	**81**	**9**
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	**89**	**81**	**9**

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

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
N/A	**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.

Relevant-non-quantified emission sources	(1) Immaterial	(2) Cost effective (but uplift applied)
Event preparation activities		Yes (uplift applied)

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

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 event'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 event'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 event's boundary, or from outsourced activities typically undertaken within the boundary for comparable events.

    - Emission Diesel for Generators has been excluded as it has been assessed as not relevant according to the relevance test.

    - After Party has been excluded as it has been assessed as not relevant according to the relevance test.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Diesel for generators	No	No	No	No	No	No
After Party	Yes	No	No	No	No	No

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