# PUBLIC DISCLOSURE STATEMENT

CARBON MARKET INSTITUTE
AUSTRALASIAN EMISSIONS REDUCTION SUMMIT
24 – 26 OCTOBER, 2022

PRE-EVENT REPORT

Australian Government

# Climate Active
# Public Disclosure Statement

An Australian Government Initiative

| | |
|---|---|
| RESPONSIBLE ENTITY NAME | Carbon Market Institute |
| NAME OF EVENT | Australasian Emissions Reduction Summit |
| EVENT DATE(S) | 24-26 October, 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.*<br><br>John Connor<br><br>John Connor<br>CEO<br>22/09/2022 |

Australian Government
Department of Industry, Science, Energy and Resources



Version: March 2022

# 1.CERTIFICATION SUMMARY

| | |
|---|---|
| TOTAL EMISSIONS OFFSET | 444 $tCO_2$-e |
| OFFSETS BOUGHT | 100% VCUs |
| RENEWABLE ELECTRICITY | N/A |

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# 2.CARBON NEUTRAL INFORMATION

## Description of certification

Event name: AER Summit
Event date(s): 24 – 26 October, 2022
Event location(s): ICC Sydney & Norton Rose Fulbright, Sydney
Expected attendees: 700

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

*"Being Climate Active further aligns our actions with our 2050 vision for a prosperous, climate-resilient, net-zero emissions world."*

## Event description

The AER Summit is in it's 9th year, and is an important forum for discussion on climate and regional realities, as well as the investment required for a just and inclusive transition to a net-zero economy.

The AER Summit takes place on October 25 – 26, with a separate Masterclass being held for 80 of the Summit attendees on October 24.

The team at the Carbon Market Institute organize this event each year. For our certification, we include transport, accommodation, water, food, water and electricity.

The AER Summit has been previously certified. Due to Covid-19 related restrictions resulting in a transition to virtual events, the offsetting of the AER Summit has been adjusted each year. The AER Summit was offset under NCOS in 2019, and then moved entirely virtual so was offset under the organisation certification in 2020. In 2021, the AER Summit was offset by South Pole. With more certainty around the future of our events continuing in a hybrid format, CMI will offset the AER Summit each year under Climate Active.

# 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

Food & drink

Accommodation

Waste

**Non-quantified**

Stationary Energy (Diesel)

Refrigerants

**Outside emission boundary**

**Excluded**

Event Preparation

Marketing & Advertising

## Data collection

| Emission source | Data collection method | Assumptions / conservative approach |
|---|---|---|
| Attendee travel | Data is sourced from Cvent, our event management tool. Attendees required to provide location (city, state, country). | Assumed attendees travelling from location provided when they register. Pre-event calculations based on 2021 AER Summit registrations. Data has been modified to accommodate for projections of increased attendance, and international attendees, who were not able to attend in 2021 due to travel restrictions. |
| Accommodation | Data is sourced from Cvent, our event management tool. Attendees required to provide location. | Assumed attendees travelling nationally and internationally require 2 nights accommodation. Data based on 2021 registrations, increased to accommodate for projected increase in in person registrations. |

| | | |
|---|---|---|
| Food | Number of meals served is an actual amount, sourced from contract agreement with the ICC Sydney. Meals are included as vegetarian or meat. | Actual amounts included in the inventory provide a complete picture of the catering required. CMI decides to 'under-cater' events to avoid food waste. |
| Electricity | Calculated using actual venue size ($m^2$), sourced from ICC fact sheet, and actual number of hours venue is in use. Special lighting electricity is included using data from room sizes and hours of use. | Data uses assumptions from Climate Active event and electricity calculator. |
| Water | Data input uses projected attendance, based on 2021 registrations, accounting for reduced travel restrictions. | Data uses assumptions from Climate Active event water use and water waste calculator. |
| Waste | Waste is input as volume of municipal waste. Waste is very low, as CMI's sustainable events guidelines strongly discourage use of single use plastics, pamphlets, etc. | Estimated is based on experiences from the 2021 AER Summit. |

# 4.EMISSIONS REDUCTIONS

## Emissions reduction measures

CMI endeavors in many ways to ensure emissions from the AER Summit are at a low-level. These methods are outlined in our sustainable event's guidelines.

Venue

The Summit will be held at the ICC Sydney, which received a Gold Certification for Leadership in Energy and Environmental Design by the US Green Building Council. It uses a 520 KWh photovoltaic (PV) array, the largest in any Australian CBD which powers 4% of its electricity use and it has a highly efficient central energy plant which maximises energy usage by operating at lower capacity. It also uses rainwater for all its irrigation needs and it heats water for the kitchens using a solar array. Internal conditions are maintained through a combination of displacement ventilation, increased insulation, external shading devices and high-performance double glazing.

Food and Beverage

CMI is committed to minimising food waste at the Summit and supports the use of local produce. Use of locally sourced produce reduces food miles and associated energy emissions. Food waste from the Summit will be repurposed as green energy or recycled with charity partners to feed those in need. CMI also opts to supply Climate Active certified beef, fish, beer and wine at the gala dinner.

Waste

CMI strongly encourages delegates to be responsible by sorting waste and recycling. The ICC Sydney endeavours to achieve a 75% diversion rate of waste. Event areas will be clearly signed with waste segregation bins as well as back of house waste separation systems. Recycling and organic waste will be processed offsite. There will be no single use plastics distributed (unless deemed necessary for health and safety reasons), paper use will be kept to an absolute minimum.

Energy and Emissions

To reduce energy consumption at the Summit, CMI will provide LED lighting in exhibition booths and implement a power shutdown of the event space overnight.

Transport

CMI encourages Summit attendees to either walk, cycle, or use public transport to access the venue. If traveling interstate by air travel, CMI encourages flight offsetting via Qantas and Virgin Australia's 'tick the box' offsetting programs at checkout. ICC Sydney's location facilitates several accessible travel options to help reduce emissions.

Water Consumption

CMI will minimise water consumption during the Summit through the provision of water stations. Summit

attendees are encouraged to bring reusable water bottles.

Printing, merchandise, and signs

CMI's intention is for the Summit to be as paper and plastic free as possible, and recommends against distribution of sponsor/exhibitor merchandise. If printed materials are essential, they should be double-sided, Forest Stewardship Council certified and on 100% recycled or carbon neutral paper, and in 2022 should comply with the City of Sydney's sustainable procurement policy. CMI utilises reusable exhibition equipment . Wherever possible directional signage will be electronic, printed banners or signs will be produced using recycled, PVC free materials.

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# 5.EMISSIONS SUMMARY

## Use of Climate Active carbon neutral products and services

CMI has opted to showcase Climate Active certified products at the Gala Dinner on Day 1 of the Summit. This includes:

- Five Founders Beef
- Keith Tulloch Wines
- Ross Hill Wines
- Capital Brewing co.
- Four Pillars Gin (Lion)

## Event 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 ($tCO_2$-e) |
|---|---|
| Accommodation | 36.59 |
| Food & Drink | 48.00 |
| Keith Tulloch Wines | 0.00 |
| Ross Hill Wines | 0.00 |
| Capital Brewing Co | 0.00 |
| Five Founders Beef | 0.00 |
| Four Pillars Gin | 0.00 |
| Electricity | 31.16 |
| Transport (Air) | 277.45 |
| Transport (Land and Sea) | 8.57 |
| Waste | 1.12 |
| Water | 0.03 |
| **Total net emissions** | **402.92** |

## 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 |
|---|---|
| 5% uplift to account for non-quantified sources. | 20.15 |
| 5% additional net-negative commitment | 20.15 |
| Total of all uplift factors | 40.29 |
| **Total footprint to offset** *(total net emissions from summary table + total uplifts)* | **443,213** |

# 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 (%)** |
| 150MW Solar Project in Karnataka | VCUs | VERRA | 19 Oct 2022 | 8852-49416886-49417360-VCS-VCU-1491-VER-IN-1-1914-01012020-30062020-0 | 2020 | | 475 | 0 | 31 | 444 | 93.5 |
| | | | | | | | | | **Total offsets retired this report and used in this report** | 444 | |
| | | | | | | | | | **Total offsets retired this report and banked for future reports** | 31 | |

| Type of offset units | Quantity (used for this reporting period claim) | Percentage of total (%) |
|---|---|---|
| Australian Carbon Credit Units (VCUs) | 444 | 93.5 |

## Co-benefits

Solar energy projects across India produce clean, renewable electricity where power would otherwise be generated by a fossil-fuel fired power plant. Solar power is clean: it produces no emissions and therefore eliminates the local air pollutants associated with fossil fuels. Electricity availability in the regions have been improved, reducing the occurrence of blackouts. The projects empower national energy security and support the sustainable development of local economies. The increase in local employment by people engaged as engineers, maintenance technicians, on-site operators and security guards also boosts local economies and village services. Importantly, the project developer donates portions of its revenue to the community to invest in technological resources for education and healthcare. The projects offer local communities financial diversity, improved living conditions and supports the development of a brighter future.

# 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

## Renewable Energy Certificate (REC) summary

N/A

# APPENDIX A: ADDITIONAL INFORMATION

CMI have elected to include an additional 5% uplift factor on its certified emissions boundary, to go beyond carbon neutral and be net negative in this certification year. This aligns with the 2018 IPCC special report; Global Warming of 1.5º, which states that net negative emissions will be necessary by the second half of this century to limit global warming to 1.5°C. It also reflects the fact that we are already in a climate crisis with current atmospheric levels at dangerous levels with costly impacts for lives, livelihoods, and the environment.

# 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 (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) | 7,153 | 0 | 19% |

| | | | |
|---|---|---|---|
| Residual Electricity | 31,324 | 31,166 | 0% |
| **Total grid electricity** | **38,477** | **31,166** | **19%** |
| **Total Electricity Consumed (grid + non grid)** | **38,477** | **31,166** | **19%** |
| Electricity renewables | 7,153 | 0 | |
| Residual Electricity | 31,324 | 31,166 | |
| **Exported on-site generated electricity** | **0** | **0** | |
| Emissions (kgCO2e) | | 31,166 | |

| | |
|---|---|
| **Total renewables (grid and non-grid)** | **18.59%** |
| **Mandatory** | **18.59%** |
| **Voluntary** | **0.00%** |
| **Behind the meter** | **0.00%** |
| **Residual Electricity Emission Footprint (TCO2e)** | **31** |

*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 | 38,477 | 30,012 | 2,693 |
| 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)** | **38,477** | **30,012** | **2,693** |
| 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** | **38,477** | **30,012** | **2,693** |

| | |
|---|---|
| **Emission Footprint (TCO2e)** | **33** |
| *Scope 2 Emissions (TCO2e)* | 30 |

| | |
|---|---|
| *Scope 3 Emissions (TCO2e)* | 0 |

### Climate Active Carbon Neutral Electricity summary

| Carbon Neutral electricity offset by Climate Active Product | Activity Data (kWh) | Emissions (kgCO2e) |
|---|---|---|
| *Enter product name/s here* | **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) |
|---|---|---|
| Stationary Energy/ Diesel | Yes | No |
| Refrigerants | No | Yes |

Stationary Energy/Diesel has been deemed immaterial as they are expected to account for less than 1% of the inventory.

Refrigerants are non-quantified due to not being cost effective to measure, but an uplift has been 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.

    - Emissions from marketing & advertising have been excluded as they have been assessed as not relevant according to the relevance test. We only undertake digital marketing, and cover related staff activities in our annual organizational certificate.

    - Although emissions for event preparation are deemed a relevant emission under the event certification, we include these activities in our organizational Climate Active certification. Event preparation involves our standard work from office or from home, therefore is excluded from this inventory.

| Emission sources tested for relevance | (1) Size | (2) Influence | (3) Risk | (4) Stakeholders | (5) Outsourcing | Included in boundary? |
|---|---|---|---|---|---|---|
| Event preparation | No | Yes | No | No | No | No |
| Marketing & Advertising | No | Yes | No | No | No | No |

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