



# **PUBLIC DISCLOSURE STATEMENT**

**TEDXKINGSPARK  
BRAIN  
21 SEPTEMBER 2022**


**PRE-EVENT REPORT**

Australian Government  
**Climate Active**  
**Public Disclosure Statement**



An Australian Government Initiative



RESPONSIBLE ENTITY NAME	TEDxKingsPark
NAME OF EVENT	Brain
EVENT DATE(S)	21 September 2022
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>Gavin Buckley          Chief Executive Officer TEDxKingsPark          24/08/2022</p>



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

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Version: March 2022

# 1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	18 tCO <sub>2</sub> -e
OFFSETS BOUGHT	100% CERs
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT (LARGE EVENT ONLY)	N/A

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

Event name: Brain

Event date(s): 21 September 2022

Event location(s): State Theatre Centre of Western Australia

Expected attendees: 589

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

*“Climate Active plays a vital role in TED’s global initiative to champion and accelerate solutions to the climate crisis, turning ideas into action.”*

### Event description

TEDxKingsPark is dedicated to giving Perth’s thought-leaders a platform to share their ideas with the world and to bring some of the best ideas from the world to Perth.

- We spread fresh ideas that are exciting, inspiring, thought-provoking and potentially transformative for our community.
- Our outlook is local, national and global. We’re interested in the best ideas that excite and benefit our community from wherever, or whomever they come.
- We actively invite young people to participate as speakers, filmmakers, performers, audiences and organisers. All are involved, heard, valued and empowered.
- Our TEDx talks are made available online, for free
- Environmental responsibility is demonstrated through our actions, as well as our words. Our events are carbon neutral.
- We are values and volunteer driven and TEDxKingsPark is not for profit.



TEDxKingsPark is licensed by TED Conferences LLC to devise, develop and deliver TEDx events in Perth. In the spirit of ideas worth spreading, TEDx is a program of local, self-organised events that bring people together to share a TED-like experience.

TEDxKingsPark will hold the Brain event on 21 September 2022 at the State Theatre Centre of Western Australia and seeks for this event to be Carbon Neutral Climate Active certified.

This carbon neutral event dedicated to exploring the human brain with five explorers of the human mind. Neuroscientists, machine learning mathematicians and a world-class magician. Each with a fascinating perspective on the organ we rely on the most and understand the least.

The event will run from 18:00 to 20:45 and host 589 guests, including speakers, curators, volunteers and venue staff. Drinks (both alcoholic & non-alcoholic) will be provided.

Five TEDx talks delving into the topic of the brain will be delivered, filmed, edited and uploaded to the TEDx YouTube Channel with 35 million subscribers.



**TEDx**Youth@KingsPark  
x = independently  
organised TED event

## 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		Outside emission boundary
<b><u>Quantified</u></b>	<b><u>Non-quantified</u></b>	<b><u>Excluded</u></b>
Electricity	-	-
Food and drink		
Ground transport		
Local transport		
Office Equipment and Supplies		
Professional Services		
Special lighting		
Waste		
Water usage		
	<b><u>Optionally included</u></b>	
	-	

## Data collection

Emission source	Data collection method	Assumptions / conservative approach
Electricity	Climate Active Events Calculator	20% Uplift 589 People 3000m <sup>2</sup> Venue 3 Hour Event
Food and Drink	Invoices	20% Uplift 589 People Drinks (Alcoholic & Non-alcoholic)
Office Equipment and Supplies	Invoices	20% Uplift

Professional Services	Invoices	20% Uplift
Transport (Land and Sea)	Climate Active Events Calculator	20% Uplift 589 People (80% metro, 20% more than 50kms)
Waste	Climate Active Events Calculator	20% Uplift 589 People 4 General Waste 2 Co-mingled Recycling 1 Paper Recycling 1 Green and Food Waste
Water	Climate Active Events Calculator	20% Uplift 589 People 3000m <sup>2</sup> Venue 3 Hour Event



## 4.EMISSIONS REDUCTIONS

### Emissions reduction measures

All speakers are from the Perth area or will speak via teleconferencing, significantly minimising emissions from flights and accommodation. All guests are also from Western Australia with an estimated 95% also travelling from the Greater Perth area.

All ticket buyers are asked to voluntarily commit to purchase a tree in contribution to the Plant a Tree Initiative. This income will be passed to Carbon Neutral (our offset provider) **over and above** the carbon offsets we have already acquired in respect of this event.

## 5.EMISSIONS SUMMARY

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

No Climate Active Carbon Neutral certified products were purchased for the event.

### Event emissions summary

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

Emission category	Sum of total emissions (tCO <sub>2</sub> -e)
Electricity	2.10
Food	0.12
Office equipment & supplies	0.17
Professional Services	0.29
Transport (Land and Sea)	10.69
Waste	0.88
Water	0.01
<b>Total tCO<sub>2</sub>-e</b>	<b>14.26</b>

### Uplift factors

20%

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
Uplift to account for non-quantified sources where data is unavailable	2.85
Total of all uplift factors	2.85
<b>Total footprint to offset</b> <i>(total net emissions from summary table + total uplifts)</i>	<b>17.11</b>

## 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 <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 (%)
Gold Standard-accredited Yarra Yarra Biodiversity Corridor, WA	CDM-CER	Impact	11 July 2022	GS1-1-AU-GS3039-21-2021-21745-9881-9925	2021	45	0	0	0	0	0
Stapled to IN-4463 Metro Delhi Project, India		ANREU	11 July 2022	239,729,573 - 239,729,617	CP-2 (2014-2016)		45	25 <sup>1</sup>	2	18	0
Total offsets retired this report and used in this report										18	
Total offsets retired this report and banked for future reports									2		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Certified Emissions Reductions (CERs)	18	40%

<sup>1</sup> These offsets were previously used for TEDxKingsPark's carbon neutral 'TEDxYouth' event, held in July 2022

## Co-benefits

### Gold Standard PER – Australian Yarra Yarra Biodiversity Project




TEDxKingsPark is proud to support a local offset project, located in Western Australia's northern agricultural region approximately 450 km north of Perth. The wider area is one of only 34 global biodiversity hotspots. The project removes 1.897 million tonnes of carbon in a region where over 90% of the woodland has been cleared.



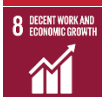





*Yarra Yarra corridor before and after reforestation (source: carbonneutral)*

The Yarra Yarra Biodiversity Corridor is a native reforestation project located in Southwest Australia and was established on degraded, semi-arid agricultural land that no longer supported viable farming practices with the goal of returning the environment to its origins.

The table below indicates the co-benefits of this project and how this project contributes to the United Nation SDGs. As land use and forestry activities are recognised as requiring high levels of upfront finance to source land, to plant and to manage, we have supplemented local biodiverse reforestation carbon offsets from the Yarra Yarra Biodiversity Corridor with Climate Active eligible offset units.

Co-benefits category	Core co-benefit	Co-benefit description/nature of potential co-benefit	UN Sustainable Development Goals
Environment	Biodiversity / ecosystem services	The Yarra Yarra project reconnects and restores fragmented and declining (remnant) woodland and shrubland which provides habitat for threatened flora and fauna.	Goal 15: Life on land 
	Water Quality	Water quality is assumed to improve due to reduced surface runoff and reduction in sediment and nutrient loads in water catchments. Groundwater levels and salt concentrations are also expected to reduce over time.	Goal 6: Clean Water and Sanitation 
	Soil Quality	Soil quality of the Yarra Yarra project area is expected to improve over time with soil organic matter increasing and salt concentrations declining.	Goal 15: Life on land 

<b>Economic</b>	Local Employment and Skills	The establishment of plantations and conservation areas creates employment opportunities and skills development during the preparation, planting, management of the Yarra Yarra project.	Goal 3: Good Health and Well-being Goal 4: Quality Education Goal 8: Decent Work and Economic Growth Goal 17: Partnerships for the goals	   
<b>Social</b>	Indigenous cultural heritage	The Yarra Yarra project recognises and continues to protect significant cultural heritage sites that are located in the project area. This is assumed to strengthen cultural heritage and support spiritual re-connection to country which potentially has positive impacts on mental health and wellbeing of indigenous communities.	Goal 3: Good Health and Well-being Goal 17: Partnerships for the goals	 

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) summary

N/A

# APPENDIX A: ADDITIONAL INFORMATION

## Offset Registry Evidence

nationalregistry.cleanenergyregulator.gov.au/transaction/show/133090

Sign In | LinkedIn | Verified Carbon Sta... | Carbon Neutral Cha... | Clean Energy Coun... | Opportunities for L... | Forest Carbon | Reforestation and A... | CNCF | Carbon Neutral Suit... | NRM Regions Austr... | Regional NRM orga... | Other

Logged in as: Raymond Wilson / Industry User

**Transaction Details**

Transaction details appear below.

**Transaction Successfully Approved**

**Transaction ID** AU23011  
**Current Status** Sending (91)  
**Status Date** 11/07/2022 17:10:10 (AEST)  
 11/07/2022 07:10:10 (GMT)  
**Transaction Type** Cancellation (4)  
**Transaction Initiator** Wilson, Raymond Glen  
**Transaction Approver** Wilson, Raymond Glen  
**Comment** Retired on behalf of TEDxKingsPark in respect of Climate Active certification for events in 2022. Including TEDxYouth@KingsPark, TEDxKingsPark Brain, and TEDxKingsPark Identity.

**Transferring Account**

**Account Number** AU-2545  
**Account Name** Carbon Neutral Pty Ltd  
**Account Holder** Carbon Neutral Pty Ltd

**Acquiring Account**

**Account Number** AU-2764  
**Account Name** Voluntary Cancellation – CP2  
**Account Holder** Commonwealth of Australia

**Transaction Blocks**

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
IN	CER	Kyoto Voluntary Cancellation	2	2					IN-4463			239,729,573 - 239,729,617	45

**Transaction Status History**

Status Date	Status Code
11/07/2022 17:10:14 (AEST)	Completed (4)
11/07/2022 07:10:14 (GMT)	
11/07/2022 17:10:14 (AEST)	Checked (No Discrepancy) (2)
11/07/2022 07:10:14 (GMT)	
11/07/2022 17:10:10 (AEST)	Proposed (1)
11/07/2022 07:10:10 (GMT)	
11/07/2022 17:10:10 (AEST)	Sending (91)
11/07/2022 07:10:10 (GMT)	
11/07/2022 17:10:09 (AEST)	Account Holder Approved (97)
11/07/2022 07:10:09 (GMT)	

Screenshot ANREU Registry entry for Metro Delhi Project offsets

## 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 (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	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)	481	0	19%
Residual Electricity	2,108	2,097	0%
<b>Total grid electricity</b>	<b>2,589</b>	<b>2,097</b>	<b>19%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>2,589</b>	<b>2,097</b>	<b>19%</b>
Electricity renewables	481	0	
Residual Electricity	2,108	2,097	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emissions (kgCO <sub>2</sub> e)		2,097	
<b>Total renewables (grid and non-grid)</b>	<b>18.59%</b>		
<b>Mandatory</b>	<b>18.59%</b>		
<b>Voluntary</b>	<b>0.00%</b>		
<b>Behind the meter</b>	<b>0.00%</b>		
<b>Residual Electricity Emission Footprint (TCO<sub>2</sub>e)</b>	<b>2</b>		
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>			

### 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	0	0	0
Qld	0	0	0
NT	0	0	0
WA	2,589	1,735	26
Tas	0	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>2,589</b>	<b>1,735</b>	<b>26</b>
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
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>2,589</b>	<b>1,735</b>	<b>26</b>

<b>Emission Footprint (TCO2e)</b>	<b>2</b>
<i>Scope 2 Emissions (TCO2e)</i>	2
<i>Scope 3 Emissions (TCO2e)</i>	0

#### Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
-	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)

## APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

### Excluded emission sources

No emission sources were excluded.



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