



PUBLIC DISCLOSURE STATEMENT

**CITY OF MELBOURNE
MOOMBA FESTIVAL 2022
MARCH 11–14 2022**

PRE-EVENT REPORT

Australian Government
Climate Active
Pre-event Public Disclosure Statement
Small/Large event



EVENT NAME: Moomba Festival

EVENT DATE(S): 11-14 March 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

Date 21/01/2022

A handwritten signature in blue ink, appearing to read 'John Griffiths'.

Name of Signatory: John Griffiths

Position of Signatory: Acting Director, Climate Change and City Resilience, City of Melbourne



Australian Government
Department of Industry, Science,
Energy and Resources

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Version number May 2021

1. Carbon neutral information

Activity data collected from previous City of Melbourne events has informed the preparation of this pre-event carbon inventory.

Event introduction

The Moomba Festival is a uniquely Melbourne event held across a long weekend in March. Moomba is wholly owned by the City of Melbourne and regularly attracts up to one million people to the various elements centred on and around the Birrarung (Yarra River) and surrounding parks. The event is comprised of:

- Moomba Carnival: a traditional carnival show with motorised carnival rides, carnival attractions and sideshow games and food held in Alexandra Gardens
- The Moomba Parade: a community parade of culturally diverse floats run along Linlithgow Avenue in the Kings Domain.
- Australian Skateboarding League competition held at Alexandra Gardens Skate Park
- Australian Water Skiing Championships held on the Birrarung (Yarra River)
- The Birdman Rally: a novelty competition where individuals raise money for charity through building and flying their 'flying machines' from a platform into the Birrarung (Yarra River)

The skateboarding and water skiing competitions are managed by external organisations however all emissions for these events are being calculated and offset as part of the Moomba emissions inventory.

Moomba is seeking Climate Active carbon neutral certification for the first time in 2022. A slight decrease in attendance is expected to Moomba 2022 and this is reflected in an estimate of 850,000 total attendees. This will likely increase in subsequent years.

2. Emissions reduction measures

Use of renewable energy: The Alexandra Gardens carnival site is powered by renewable energy through the Melbourne Renewable Energy Project.

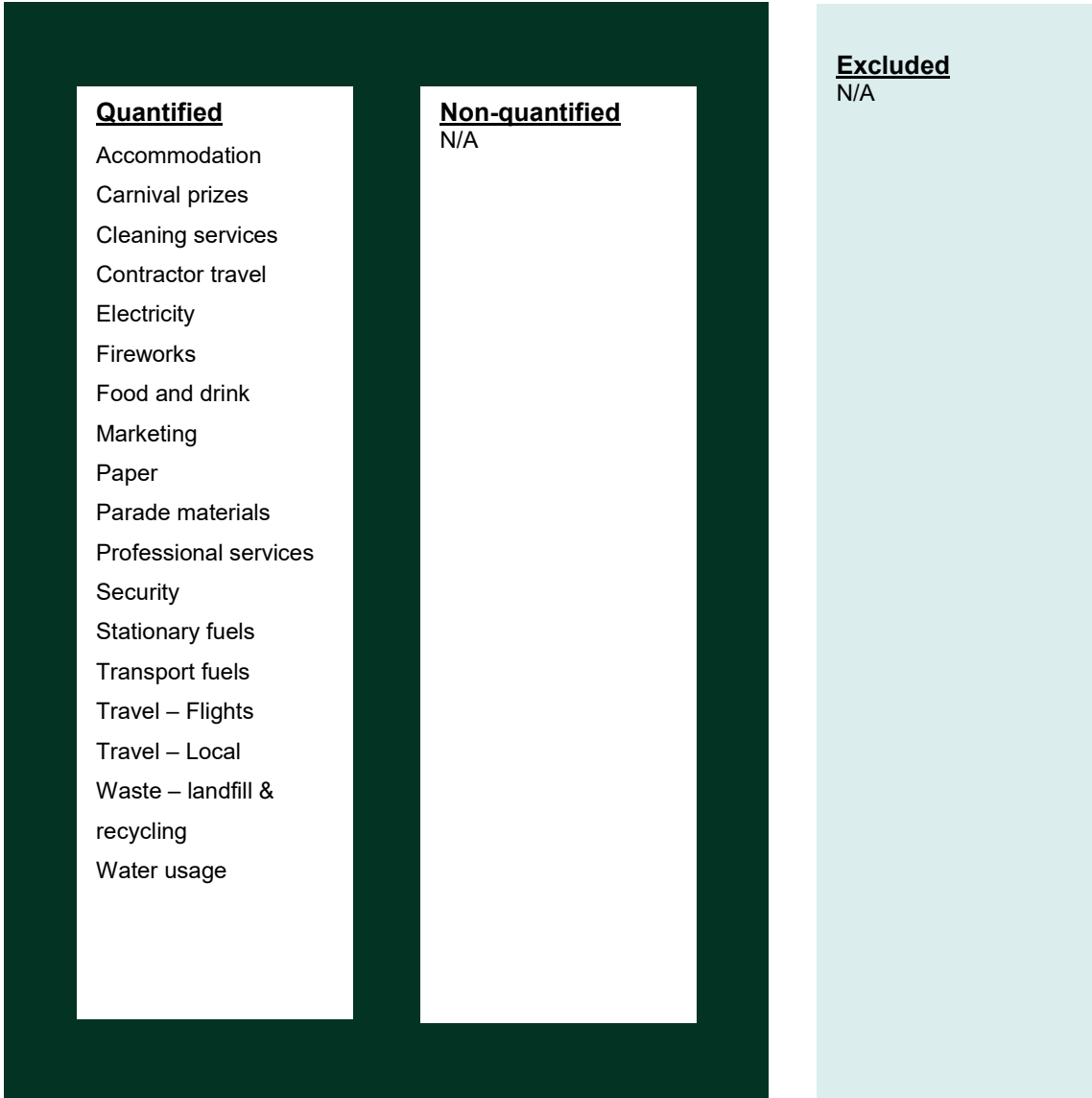
Reduce virgin materials in Moomba Parade: The City of Melbourne works with all production contractors to minimize the amount of new material used in construction for the Moomba Parade.

Sustainable transport communication: It is now well understood that attendee transport is the largest single emissions source for CoM major events. Attendees to Moomba are encouraged to walk, cycle or take a tram to reduce their transport emissions.

Compost food waste: Significant back-of-house food waste will be composted through the Moomba waste contractor.

3. Emissions boundary

Emission boundary Diagram



4. Emissions summary

Table 1 Emissions summary

Emission source category	tonnes CO ₂ -e
Accommodation and facilities	34.06
Air Transport (km)	204.27
Cleaning and Chemicals	18.33
Construction Materials and Services	1.69
Electricity	-
Fireworks	17.93
Food	548.58
Land and Sea Transport (fuel)	9.93
Land and Sea Transport (km)	255.58
Merchandising	44.18
Office equipment & supplies	0.06
Postage, courier and freight	46.31
Products	21.09
Professional Services	254.90
Stationary Energy	12.70
Waste	14.37
Water	0.01
Total tCO₂-e	1,483.99
Uplift factor (as tCO ₂ -e)	0.00
Total tCO₂-e + uplift factor	1,483.99

Please indicate what this uplift factor covers: N/A

Electricity summary

Electricity was calculated using a market-based approach.

Market Based Approach Summary

Table 2

Market Based Approach	Activity Data (kWh)	Emissions (kgCO ₂ e)	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	93,241	0	100%
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)	17,646	0	19%
Residual Electricity	-17,646	-18,935	-19%
Total grid electricity	93,241	-18,935	100%
Total Electricity Consumed (grid + non grid)	93,241	-18,935	119%
Electricity renewables	110,887	0	
Residual Electricity	-17,646	-18,935	
Exported on-site generated electricity	0	0	
Emission Footprint (kgCO ₂ e)		0	

A minus Residual Electricity Emissions in kgCO₂e rounds to zero because the negative emissions can only be used to reduce electricity consumption emissions. See electricity accounting rules for further information

Total renewables (grid and non-grid)	118.93%
Mandatory	18.93%
Voluntary	100.00%
Behind the meter	0.00%
Residual Electricity Emission Footprint (TCO₂e)	0
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>	

Location-based approach summary

Table 3

Location Based Approach	Activity Data (kWh)	Emissions (kgCO ₂ e)
VIC	93,241	101,633
Grid electricity (scope 2 and 3)	93,241	101,633
VIC	0	0
Non-grid electricity (Behind the meter)	0	0
Total Electricity Consumed	93,241	101,633
Emission Footprint (TCO₂e)	102	

5. Carbon neutral products

Yarra Trams is powered by 100% renewables through the Victorian Renewable Energy Target (VRET) program, thus attendees traveling by tram have no associated emissions. The City of Melbourne also sources 100% renewable energy via a Power Purchase Agreement, generated by Pacific Hydro and supplied by Tango Energy.

This assessment and Climate Active submission was prepared with the assistance of [Pangolin Associates](#) and these services are also carbon neutral.

6. Data collection

Table 4 Data collection

Emission source	Data collection method	Assumptions
Travel – Attendee transport	<p>The Moomba Festival conducts a survey of up to 500 attendees and gathers:</p> <ol style="list-style-type: none"> 1. Mode of transport; and 2. Origin of trip (postcode) <p>This data is then extrapolated across all attendee numbers and an attribution factor is applied based on whether an attendee visited the city for other reasons besides attending Moomba. An attribution factor is then applied dependent on how many other activities the attendee undertook on that day.</p>	<ul style="list-style-type: none"> • The extrapolation is representative of true travel distance. • That the attribution factor accurately represents the proportion of travel that can be attributed to the event versus other activities the attendee may have travelled for on that day.
Ground Transport – Contractors	Data collection table filled in carnival operators collecting size of freight transporter and distance travelled to Moomba.	
Accommodation	Accommodation for – Skateboarding and water skiing competitors and their teams and carnival operators is included.	
Food & Drink	Data collection sheets are given to all food and beverage providers across the Moomba Carnival.	<ul style="list-style-type: none"> • That food and beverage providers are comfortable being transparent about their sales figures.
Electricity	Electricity accounts from event sites will be collected and a daily average will be calculated and applied to the number of days the venue is used for the Moomba Festival.	<ul style="list-style-type: none"> • That average daily electricity usage is representative of actual daily electricity usage over the period of the Moomba Festival.
Professional Services	All invoices for the various professional services will be provided by event management staff.	

7. Eligible offset units

Offsets summary

Table 5: Offsets summary

Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Quantity (tonnes CO2-e)
*Boobera Carbon Project	ACCUs	ANREU	03/06/2020	3,792,963,615 – 3,792,964,614	2019-20	120
**Savanna Burning Investment Ready Project - Cape York Pilot Aurukun	ACCUs	ANREU	03/06/2020	3,799,427,512 - 3,799,428,511	2020	364
Grouped Hydropower Plants in Chongqing, Yunnan, Sichuan and Guizhou Provinces, P.R. China	VCS + Sociaal Carbon	VERRA	20/01/2020	9407-95964708-95965707-VCS-VCU-785-VER-CN-1-438-28032016-25092016-1	2016	1000
Total offsets cancelled						1484

*The City of Melbourne's offset provider has pre-retired all 1000 ACCUs from this project. A total of 671 offset units are attributed to Melbourne Fashion Week 2021. A further 209 offset units are attributed to Melbourne Music Week 2021. This leaves 120 units remaining which are attributed to Moomba 2022.

** The City of Melbourne's offset provider has pre-retired all 1000 ACCUs from this project. A total of 147 units are attributed to Melbourne Knowledge Week 2021. A further 364 are attributed to Moomba 2022. This leaves 489 units remaining which will be attributed to future City of Melbourne carbon neutral events.

Offset projects – co-benefits

Boobera Carbon Project

Restoring native forests and sequestering carbon on degraded agricultural land, this project establishes permanent native forests through assisted regeneration from in-situ seed sources (including rootstock and lignotubers) on land that was cleared of vegetation and where regrowth was suppressed for at least 10 years prior to the project having commenced.

Savanna Burning Savanna Burning Investment Ready Project - Cape York Pilot Aurukun

Caring for country in the Western Cape York. Overseen by Indigenous-led not-for-profit, Aak Puul Ngantam (APN Cape York), this project engages local Wik and Kugu Traditional Owners as project rangers in traditional Indigenous fire management practices, carrying out strategic 'cool' burns in the tropical winter to reduce emissions from larger, late-season bushfires

Grouped Hydropower Plants in Chongqing, Yunnan, Sichuan and Guizhou Provinces, P.R. China

Huoshi Grouped Small Hydro consists of multiple small-scale hydropower plants that generate renewable energy for rural Southwest and South Central China. By supplying clean hydroelectric power to the local grid, the project displaces greenhouse gas emissions, helping mitigate climate change and improving the lives of local people

8. Use of certification trade mark

Table 6: Trade mark register

Description where trademark used	Logo type
Event Signage	Certified event
Social Media	Certified Event
Website	Certified event

Australian National Registry of Emissions Units

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ANREU Home Account Holders Accounts Unit Position Summary Projects Transaction Log CER Notifications Public Reports My Profile

Logged in as: Rhyannon Gates / Industry User

Transaction Details

Transaction details appear below.

Transaction Successfully Approved

Transaction ID: AU15162
Current Status: Completed (4)
Status Date: 03/06/2020 18:37:47 (AEST)
 03/06/2020 08:37:47 (GMT)
Transaction Type: Cancellation (4)
Transaction Initiator: Gates, Rhyannon Margaret Rosalie
Transaction Approver: Gates, Rhyannon Margaret Rosalie
Comment: Carbon credits retired on behalf of City of Melbourne to comply with its Climate Active certification for emissions during FY2019/20

Transferring Account

Account Number: AU-2977
Account Name: South Pole Australia Financial Services Pty Ltd
Account Holder: South Pole Australia Financial Services Pty Ltd

Acquiring Account

Account Number: AU-1068
Account Name: Australia Voluntary Cancellation Account
Account Holder: Commonwealth of Australia

Transaction Blocks

Party	Units	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			ERF131625					2019-20		3,792,963,615 - 3,792,964,614	1,000
AU	KACCU	Voluntary ACCU Cancellation			EDP100972					2019-20		3,789,427,512 - 3,789,428,511	1,000

Transaction Status History

Status Date	Status Code
03/06/2020 18:37:47 (AEST)	Completed (4)
03/06/2020 08:37:47 (GMT)	
03/06/2020 18:37:47 (AEST)	Proposed (1)
03/06/2020 08:37:47 (GMT)	
03/06/2020 18:37:47 (AEST)	Account Holder Approved (97)
03/06/2020 08:37:47 (GMT)	
03/06/2020 18:37:26 (AEST)	Awaiting Account Holder Approval (95)
03/06/2020 08:37:26 (GMT)	

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RETIRED UNITS

From Vintage	To Vintage	Serial Number	Quantity of Units	Unit Type	Project ID	Project Name	Project Type	Additional Issuance Certifications	Origination Program	Project Site State/Province	Project Country	Account Holder	Retirement Reason	Beneficial Owner	Retirement Reason Details	Date of Retirement
28/03/2016	25/09/2016	9407-95964708-95965707-VCS-1438-28032016-25092016-1	1000	VCU	438	Grouped Hydropower Plants in Chongqing, Yunnan, Sichuan and Guizhou Provinces, P.R. China	Energy Industries (renewable/non-renewable sources)	Social Carbon		Chongqing, Yunnan, Sichuan and Guizhou Provinces	China (CN)	Swiss Carbon Value Ltd	Environmental Benefit	-	Retired on behalf of City of Melbourne for Climate Active purposes for the Moomba Festival 2022	20/01/2022

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APPENDIX 1

Excluded emissions

To be deemed relevant an emission must meet two of the five relevance criteria. Excluded emissions are detailed below against each of the five criteria.

Table 7

Relevance test					
Excluded emission sources	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>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.</i>

N/A

APPENDIX 2

Non-quantified emissions for organisations

Table 8

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

N/A