

Australian Government

Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY: City of Melbourne


EVENT NAME: Melbourne Music Week

EVENT DATE/S: Certification Period July 2019 – July 2020

EVENT TYPE: Large Event Portfolio

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 24/06/2020
Louise Scott	
Director – Tourism and Events, City of Melbourne	



Australian Government
Department of Industry, Science,
Energy and Resources

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Carbon neutral information

Description of certification

Melbourne Music Week is a ten day celebration and showcase of live music in the City of Melbourne. It is made up of a number of in-house and independently produced shows across a variety of small and large venues in the city. In 2019 Melbourne Music Week ran from November 14-23 and was certified carbon neutral by Climate Active as part of the City of Melbourne's large carbon neutral events portfolio.

As a certified carbon neutral organisation, the City of Melbourne manages an active emissions reduction plan. This plan identifies City of Melbourne's large events as a material emissions source which prompted the carbon neutral certification of this large event portfolio. This is the second consecutive year the portfolio has been certified carbon neutral.

Greenhouse gas emissions considered include carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃).

The City of Melbourne has followed the Climate Active Carbon Neutral Standard for Events in the data collection and preparations of this report and used guiding Greenhouse Gas Protocol principles of; relevance, completeness, consistency, transparency and accuracy in the development of any new methodologies for this Large Event Portfolio.

Changes since pre-event report

Table 1 Changes in reporting since the pre-event report	
Type of change	Comments
Method changes	
Solar Powered Trams	From July 2019 the Melbourne tram network is powered by renewable energy sourced from Numurkah solar farm. To reflect this zero emissions form of transport, an emissions factor of 0.0 has been applied to all attendee tram travel to Melbourne Music Week.
Performer Flights – MMW attribution	Performers were asked to identify any other shows/festivals/concerts they were performing other than Melbourne Music Week while travelling to Melbourne. Many international artists included Melbourne Music Week as part of larger Australian tours. Where this was the case, only a proportion of their international travel emissions have been attributed to the Melbourne Music Week inventory – for example, if Melbourne Music Week was one of five Australian shows an artist played, only 20% of

	the travel emissions were attributed.
Data quality changes	
Tier Two Energy, Beverage and Waste Data	There were a number of Tier Two Melbourne Music Week events which did not return complete energy, beverage or waste data. To represent this missing data, we extrapolated data from other Tier Two events which met their reporting requirements. A 'per attendee' waste, beverage or energy factor was derived from returned data and applied to all non-reporting events. This extrapolation method was also used in 2018.
Output changes (growth/decline)	
Attendee Travel	While there were similar attendee numbers in 2019 compared with 2018, the total distance travelled by attendees was further in 2019 and a higher proportion travelled by car. This has resulted in an increase in attendee travel emissions.

Emissions reduction strategy

A number of emissions reduction activities were undertaken in the delivery of Melbourne Music Week 2019. Where possible individually quantified emissions reductions have been calculated and reported in the table below.

Future emissions reduction activities being explored for Melbourne Music Week 2020 include: Advising performers to offset any flights at the point of purchase; promotion of tram travel (run on renewable energy) to attendees; encouraging partner venues to consider renewable energy purchasing.

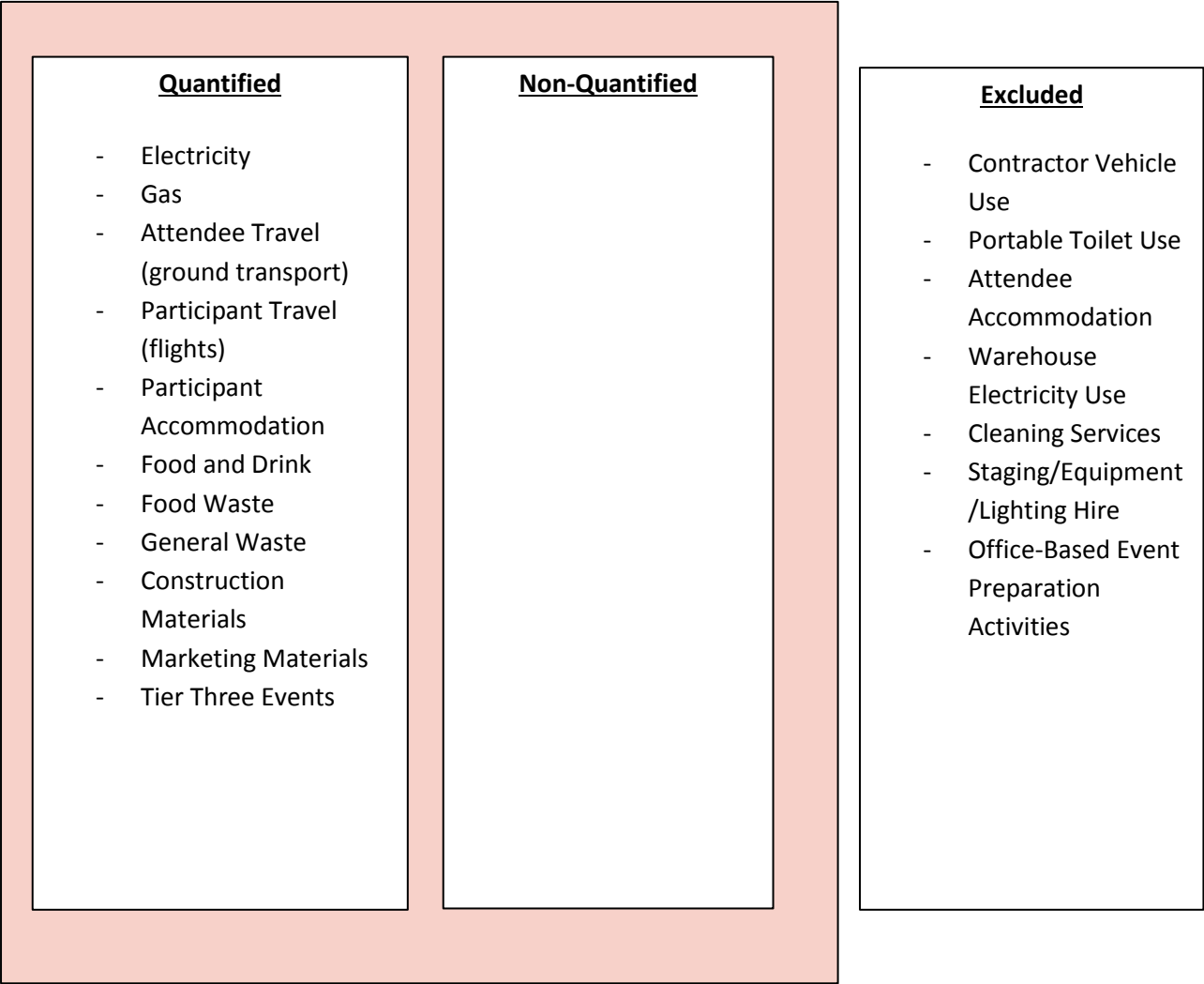
Table 2 Emissions reduction measures implemented in the current certification period

Emission source	Reduction measure and calculation method	Scope	Status	Reduction t CO2-e
Grid Gas	Moving to a hub without mains gas. Calculated as difference between 2018 and 2019 inventories.	1	Achieved	5.7
Grid Electricity	Moving to a hub which uses 100% GreenPower. Calculated as difference between 2018 and 2019 inventories.	2	Achieved	2.0

Attendee Transport – Trams	From July 2019 the Melbourne tram network is powered by 100% solar power. Emissions reduction represent the difference between applying the previous emissions factor to all MFW attendee tram travel and an emissions factor of 0.	3	Achieved	27.5
Performer/Staff Flights	All flights which were booked through the City of Melbourne Corporate Traveller account are offset under the City of Melbourne's organizational carbon neutrality. Where an international performer had booked their own travel, they were asked to report how many other shows they were playing if on tour. Only a proportion of their international travel emissions have been attributed to the Melbourne Music Week if they were playing other shows.	3	Achieved	20.2
Tier Two Energy and Waste	All partner venues for Melbourne Music Week 2019 were provided with advice sheets on the top three energy and waste reduction measures they could implement in their venues.	2&3	Ongoing	Not quantified
Total emission reductions implemented in this certification period (t CO₂-e)				55.4

Emission Boundary

Diagram of the certification boundary



Excluded sources (outside of certification boundary)

Some emissions sources have been excluded from the Melbourne Music Week boundary as they were determined immaterial or not relevant. The following guiding questions guided this exclusion process.

Is the emission source deemed one of high-risk to City of Melbourne?

Emissions sources are deemed to be high risk if there is a high perceived risk to City of Melbourne's reputation as a result of the emissions source (for example, highly visible impact sources such as marketing materials). Criteria were based on City of Melbourne Moomba and Melbourne Music Week 2015 materiality assessments and are revisited each year during event planning.

Is the emission source of particular value to the event stakeholders?

High value emissions sources are those that may align with values of particular stakeholders, for example reducing construction/production waste may be particularly important to some even though the associated emissions are relatively small. The assessment of each emissions source against this criterion was based on the judgement of the City of Melbourne event management and Climate Change teams for Melbourne Music Week.

Is the combined impact of the emission source significant in quantitative size?

The relative contribution of each emissions source to the overall Melbourne Music Week footprint was based on the inventories of each previously measured event. The significance of each emissions source in terms of size was based on this assessment.

3. Emissions summary

Table 3. Emissions Summary		
Emission source category	Pre-event tonnes CO ₂ -e	Post-event tonnes CO ₂ -e
Purchased Electricity (GreenPower)	0.00	0.00
Purchased Electricity	9.53	10.98
Purchased Mains Gas	0.56	0.57
Municipal Solid Waste	8.91	20.49
Food Waste (to compost/livestock)	0.00	0.00
Comingled Recycling	0.00	0.00
New Construction Materials	12.44	11.90
Marketing	2.00	1.29
Air Travel	77.28	25.38

Accommodation	25.09	15.59
Food	10.64	11.25
Drinks	56.12	67.56
Attendee Travel	41.83	64.73
Tier Three Events	44.87	33.00
Total Net Emissions	289.28	262.76

True-up of emissions

Table 4. True up of emissions	
Total tCO ₂ -e in pre event report	289.28
Total tCO ₂ -e in post event report	262.76
True-up (total post event minus total pre event)	-26.52

Carbon Neutral products

Nil

Electricity Summary

Table 5. Location-based summary				
State/ Territory	Electricity Inventory items	kWh	Full Emission factor (Scope 2 +3)	Emissions (tonnes CO ₂ e)
Vic	Electricity Renewables	8448	-1.12	0.00
Vic	Electricity Carbon Neutral Power	0	-1.12	0.00
Vic	Netted off (exported on-site generation)	0	-1.02	0.00
Vic	Electricity Total	18,292	1.12	20.5
	Total net electricity emissions (Location based)		0.00	9.5

Data collection of significant emissions

Table 6. Data collection of significant emissions		
Emission source	Data collection method	Assumptions
Stationary Energy	Electricity and gas accounts were collected for all tier one events. Electricity and Gas accounts collected for a (minimum 50%) sample of tier two events and extrapolated across all other tier two events based on a 'per-attendee' factor.	Tier two event venues which did not provide data have comparable energy loads to those which did.
Food and Drinks	Food and drinks sales figures for all tier one events are collected. Food and drinks sales figures are collected for a (minimum 50%) sample of tier two events and extrapolated across all other tier two events based on a 'per-attendee' factor.	Tier two event venues which did not provide data have comparable food and beverage sales to those which did.
Attendee Travel	A sample of 468 attendees was asked what mode or travel they used to attend Melbourne Music Week and what the postcode of their origin was. Distance travelled was multiplied by an emissions factor for the selected mode (car, train, tram, walk, cycle, motorcycle). The sample was then extrapolated out over the whole number of Melbourne Music Week attendees.	The City of Melbourne developed a 'transport attribution factor' which determines the amount of an attendees transport emissions which should be attributed to the Melbourne Music Week inventory. In 2019 there were three identified cohorts of attendees – 1. Those who purchased a ticket to an event. 100% of this cohorts transport emissions were attributed. 2. Those who attended a free event in a venue 71% of this cohorts travel emissions were attributed. 71% is the proportion of surveyed attendees across the whole event who said that attending Melbourne Music

		Week was the main reason for their travel on that day. 3. Those who attended a free event outside (a busking event for example). Only 25% of this cohorts travel emissions were attributed as they were considered passers-by or not particularly invested in the event.
Participant Travel	All flights which were booked through the City of Melbourne corporate traveller account were collected. All other interstate and overseas participants reported their origin of travel and emissions were calculated from flight miles.	If an act was playing a number of shows on tour, only a proportion of their travel emissions would be attributed to Melbourne Music Week. For example, if Melbourne Music Week was one of five Australian shows an artist played, only 20% of the travel emissions were attributed.
Participant Accommodation	All interstate and overseas participants (music acts, speakers, producers) completed a form indicating the number of night's stay in Melbourne during Melbourne Music Week.	

4. Carbon offsets

The positive offset balance below has been used to partially cover the negative offset balance incurred by Melbourne Fashion Week 2019. Both events are part of the City of Melbourne's 2019 Large Event Portfolio.

Offset purchasing strategy:

Table 7 Forward purchasing summary	
1. Total offsets previously forward purchased for this event	289
2. Total offsets required for this reporting period	263
3. Net offset balance for this reporting period	26

Table 8 Offsets Summary

1. Total offsets required for this report				263					
2. Offsets retired in previous reports and used in this report				263					
3. Net offsets required for this report				0					
<i>Project description</i>	<i>Eligible offset units type</i>	<i>Registry unit retired in</i>	<i>Date retired</i>	<i>Serial number (including hyperlink to registry transaction record)</i>	<i>Vintage</i>	<i>Quantity (tonnes CO2-e)</i>	<i>Quantity used for previous report</i>	<i>Quantity to be banked for future years</i>	<i>Quantity to be used this report</i>
Savannah Burning: The North Kimberley Fire Abatement Project. (carry over of over-purchased offsets from the Large Events Portfolio 2018)	ACCU	N/A	N/A	Previously retired and reported	2015	220	220	0	220
Savannah burning projects located in the north of Australia	ACCU	Emissions Reduction Fund	11/08/2018	3,768,791,304 - 3,768,791,346	2013+	43	43	0	43
Total offsets retired this report and used in this report									263
Total offsets retired this report and banked for future reports								0	

Co-benefits

Savannah burning - Australia

Avoiding emissions through actively managing fire regimes in the savannah grasslands of northern Australia.

Description: These projects help avoid emissions associated with high intensity grass - fires occurring seasonally in the north of Australia. Fire is introduced to the landscape through a mosaic burning regime wherein burning off is conducted during the early stages of the dry season, resulting in reduced incidence of high - intensity wildfires, typically occurring toward the end of the dry season. Projects include a high level of engagement and capacity development within the Aboriginal and Torres Strait Islander community.

Co-benefits: Promotion of capacity, skills development and employment in Aboriginal and Torres Strait Islander communities. Promoting indigenous cultural values through linking indigenous cultural practice with revenue generating opportunities. Diversification of revenue streams and job opportunities in remote communities. Improved habitat value and biodiversity through introduction of mosaic fire regime and reduction of wild fire impacts.

5. Use of trade mark

Table 9 Use of trade mark	
Description where trademark used	Logo type
City of Melbourne and Melbourne Music Week websites	Certified Event
Melbourne Music Week wrap-up video	Certified Event
Melbourne Music Week on-site hub signage	Certified Event
Melbourne Music Week participating venues stickers	Certified Event


5. Additional information

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.

Excluded emission	Relevance Test				
	<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>
Contractor Vehicle Use	X	X	X	X	X
Portable Toilet Use	X	X	X	X	X
Attendee Accommodation	X	X	X	X	X
Warehouse Electricity Use	X	X	X	X	
Cleaning Services	X	X	X	X	
Staging/Equipment/Lighting Hire	X	X	X	X	X
Office-Based Event Preparation Activities	X	X	X	X	X

Appendix 2 – ACCUs surrendered for Large Event Portfolio – pre-event


Australian National Registry of Emissions Units

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Transaction Details

Transaction details appear below.

Transaction ID	AU12949
Current Status	Completed (4)
Status Date	12/08/2019 10:56:59 (AEST) 12/08/2019 00:56:59 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Graeme, Mark Hugh
Transaction Approver	Soanes, Aaron James
Comment	Retried on behalf of the City of Melbourne's 2019/20 large portfolio of events which includes Melbourne Fashion Week 2019, Melbourne Music Week 2019 and Melbourne Knowledge Week 2020 for its claim under the Carbon neutral Program.

Transferring Account

Account Number	AU-1105
Account Name	Mallee Carbon Limited
Account Holder	Mallee Carbon Limited

Acquiring Account

Account Number	AU-1068
Account Name	Australia Voluntary Cancellation Account
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
AU	KACCU	Voluntary ACCU Cancellation			ERF106185					2017-18		3,768,791,304 - 3,768,791,533	230
AU	KACCU	Voluntary ACCU Cancellation			ERF101674					2017-18		3,765,445,486 - 3,765,445,715	230

Transaction Status History

Status Date	Status Code
12/08/2019 10:56:59 (AEST)	Completed (4)
12/08/2019 00:56:59 (GMT)	Completed (4)

Appendix 3 – VCUs Surrendered for Large Event Portfolio – pre-event

Home

Retired VCUs																		
From Vintage	To Vintage	VCU Serial Numbers	Quantity of VCUs	Registry ID	Project Database ID	Project Name	Project Type	Additional Project Certifications	Additional Issuance Certifications	Origination Program	Project Site State/Province	Project Country	EMA Project Page	Account Holder	Retirement Reason	Beneficial Owner	Retirement Reason Details	Date of Retirement
01/01/2015	31/12/2015	5744-257521379-257521608-VCU-034-MER-IN-1-1447-01012015-31122015-0	230	VCSR1422	VCSPD1447	199.70 MW Wind Project in Maharashtra by BWDPL	Energy industries (renewable/non-renewable sources)			Verified Carbon Standard	Maharashtra	India (IN)	View	CO2 Australia	NCOS Programme	City of Melbourne	Retired on behalf of the City of Melbourne's 2019/20 large portfolio of events which includes Melbourne Fashion Week 2019, Melbourne Music Week 2019 and Melbourne Knowledge Week 2020 for its claim under the Carbon neutral Program	11/08/2019

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