



PUBLIC DISCLOSURE STATEMENT

MOLONGLO GROUP

**ORGANISATION CERTIFICATION
FY2019-20**

Australian Government
Climate Active
Public Disclosure Statement

MOLONGLO

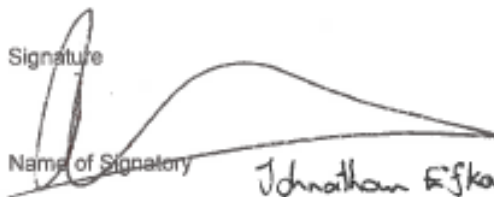


NAME OF CERTIFIED ENTITY: Molonglo Group Pty Ltd

REPORTING PERIOD: 1 July 2019 – 30 June 2020

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 16/6/21
Name of Signatory Johnathan E. Skarpos
Director
Position of Signatory



Australian Government
Department of Industry, Science,
Energy and Resources

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1. CARBON NEUTRAL INFORMATION

Description of certification

The inventory has been prepared for the financial year from 1 July 2019 to 30 June 2020 and covers the business operations of Molonglo Group (Australia) Pty Ltd's, ABN 16 109 342 547, (hereafter referred to as Molonglo) occurring in Australia, Greece and the United Kingdom.

Molonglo Canberra, Ngunnawal Country
Building 7, 1 Dairy Road,
Fyshwick, ACT 2609, Australia

Molonglo Melbourne, Wurundjeri Woi-Wurrung Country
45 Keele Street,
Collingwood, Vic 3066, Australia

Molonglo Athens,
Zan Moreas 17 and Androutsou
11741 Athens Greece

Organisation description

Molonglo operates within the field of property development theory and practice.

Since 1964, our projects have spanned property investment and development; hotel, hospitality and retail businesses; and research, publishing and public programs. We have seen, and continue to see, the topic of urban development as a truly expansive subject. Molonglo's process is often collaborative and cross-disciplinary, which allows for enormous fluidity and flexibility. We operate under a model of long-term stewardship, not short-term wealth extraction. We exist to build places that matter and foster healthy, cohesive and tolerant societies. Molonglo has offices in Canberra, Melbourne and Athens.

Molonglo works on an urban level and has extensive experience in the development of sustainable, diverse, layered and meaningful buildings and neighbourhoods that are embraced by their communities. Our outputs push the boundaries of what a property developer is, and can be.

The certification boundary applied for our greenhouse gas (GHG) emissions reporting under Climate Active comprises the overall Molonglo Group (Australia) Pty Ltd's (ABN 16 109 342 547) operations and activities, including our Australian and international locations. The boundary accounts for the GHG emissions from our offices, day-to-day business activities and events and publications. The hard work in addressing the GHG emissions from our development projects is being treated separately, as part of *From Here to There: Our Projects* (as outlined in the emissions reduction strategy in [Section 3](#), below) and is an ongoing process.

2. EMISSION BOUNDARY

Diagram of the certification boundary

The reporting boundary of Molonglo’s business operations has been developed in accordance with the Climate Active Organisation Standard. The following steps were undertaken to develop this reporting boundary and ensure it aligns with the Standard and stakeholder expectations.

- Identifying a long list of potential emission sources based on Molonglo’s assets, operations and activities
- Conducting relevance testing across each of the identified emission sources in line with the requirements of the Climate Active Carbon Neutral Standard for Organisations

Figure 1 summarises the relevant emission sources (quantified and non-quantified) that are included in Molonglo’s Climate Active certification boundary, and those emissions that are excluded.

Figure 1: Molonglo's Climate Active certification boundary

<u>Quantified</u>	<u>Non-quantified</u>	<u>Excluded</u>
Electricity (Australia and international)	n/a	Business services
Stationary energy		ICT services (telephone and internet, software and subscriptions)
ICT services (data centres)		Storage services
Office equipment and supplies (paper, printing)		IT equipment
Water		
Waste		
Air transport		
Cleaning services		
Taxi and uber		
Accommodation and facilities		
Land and sea transport (km)		
Land and sea transport (fuel)		
Working from home		
Food and catering		
Postal services		

Non-quantified sources

N/A

Data management plan

N/A

Excluded sources (outside of certification boundary)

Molonglo undertook a detailed relevance assessment to determine the emissions reporting boundary for this certification, in accordance with the relevance tests outlined in Section 2.3.1 of the Climate Active Organisation Standard. The following sources were excluded based on the relevance assessment:

- Business services
- ICT services (telephone and internet, and software and subscriptions)
- Storage services
- IT equipment (hardware)

Appendix 1 provides the outcomes of the relevancy testing for these excluded sources.

3. EMISSIONS SUMMARY

Emissions reduction strategy

Molonglo's emissions reduction strategy is part of our commitment to greater environmental responsibility. We are launching this journey through *From Here to There*, which will be a publicly accessible online manual of action-based strategies, guides and tools for delivering environmentally responsible, healthy and inclusive places.

From Here to There covers three areas:

- Our projects – environmentally responsible, healthy and inclusive development projects.
- Our company – environmentally responsible business operations.
- Our circle – encouraging our employees, contractors and the inhabitants of our places (tenants and residents) to engage in environmentally responsible practices.

A key goal identified by *From Here to There* in FY21 is to reduce and offset our organisational carbon emissions. We engaged an independent sustainability consultancy to calculate our carbon footprint to better inform our carbon emissions reduction strategy. Our initial emission reduction strategy (outlined below) comprises actions that focus on reducing emissions from some of our largest sources (e.g., electricity and flight travel) and some of our sources that are easiest to abate (e.g., paper). This is an evolving strategy – planning and implementation will be reviewed on an annual basis to identify new actions and demonstrate progress.

To date, we have identified the following actions that will be rolled out progressively across the business:

Energy

- Install solar panels at the office locations that are owned and managed by Molonglo.
- Upgrade to more efficient lighting within offices.
- Improve energy efficiency of other electrical appliances, such as heating, ventilation and air conditioning (HVAC) and computer equipment.
- Purchase GreenPower or certified carbon neutral electricity.
- Ensure that Molonglo leases offices or facilities with high National Australian Built Environment Rating System (NABERS) ratings.

Transport

- Develop and implement a company policy to encourage staff to use active transportation to commute to work.
- Provide end-of-trip facilities to encourage staff to use active transportation to commute to work.
- Incentivise active transportation for commuting to work through a fitness campaign.
- Provide incentives for employees to purchase high efficiency/hybrid/electric vehicles to reduce emissions associated with fuel costs.
- Identify opportunities to reduce distance travelled for work-related trips (e.g. encourage online meetings via videoconferencing).
- Reduce flights where possible, and promote or replace in-person meetings with videoconferencing.
- Implement a travel policy that outlines a stricter approval process for flights with a view to reducing the total number of flights.
- Purchase flights from certified carbon neutral airlines (e.g. Qantas and Virgin Australia).

Office operations

- Undertake a waste audit at the office locations to help build a better understanding of staff behaviour and waste composition. The findings of the waste audit will inform waste diversion and reduction strategies.
- Create signage around waste receptacles to increase awareness about what can and cannot be recycled and/or diverted from landfill.
- Install sensorised sink faucets to decrease water consumption.
- Create signage around water consumption to encourage staff to use water efficiently.
- Develop and implement a company policy to only purchase certified carbon neutral paper.

Emissions summary (inventory)

Table 1: Molonglo's FY2019-20 emissions summary

Emission source category	Carbon (tonnes CO ₂ -e)
Electricity (Australia – location based)	55.9
Electricity (International – location based)	1.7
Stationary energy	1.9
ICT services (data centres)	6.0
Office equipment and supplies (paper)	1.2
Office equipment and supplies (printing and stationery)	12.6
Water	1.5
Waste	5.7
Air transport	214.7
Cleaning services	3.9
Taxi and uber	0.8
Accommodation and facilities	21.8
Land and sea transport (km)	37.0
Land and sea transport (fuel)	5.7
Working from home	8.7
Food and catering	27.7
Postal services	1.8
<i>Total Net Emissions</i>	<i>408.4</i>

Electricity summary

Total emissions from electricity presented in the emissions summary (Table 1), were calculated using the Location-based approach as market-based methods are not yet able to be applied to Molonglo's international-based countries of operation as residual mix factors are not currently available.

Market-based approach electricity summary

Table 2: Molonglo's FY2019-20 electricity emissions using market-based approach

Electricity inventory items	kWh	Emissions (tonnes CO ₂ e)
Electricity Renewables	11,297	0.00
Electricity Carbon Neutral Power	0	0.00
Electricity Remaining	49,437	53.45
Renewable electricity percentage	19%	
<i>Net emissions (Market based approach)</i>		<i>53.45</i>

Location-based summary

Table 3: Molonglo's FY2019-20 electricity emissions using location-based approach

State/ Territory	Electricity Inventory items	kWh	Full Emission factor (Scope 2 +3)	Emissions (tonnes CO ₂ e)
ACT/NSW	Electricity Renewables	-	-0.90	0.00
ACT/NSW	Electricity Carbon Neutral Power	-	-0.90	0.00
ACT/NSW	Netted off (exported on-site generation)	-	-0.81	0.00
ACT/NSW	Electricity Total	55,019	0.90	49.52
Vic	Electricity Renewables	-	-1.12	0.00
Vic	Electricity Carbon Neutral Power	-	-1.12	0.00
Vic	Netted off (exported on-site generation)	-	-1.02	0.00
Vic	Electricity Total	5,715	1.12	6.40
	<i>Total net electricity emissions</i>		<i>0.00</i>	<i>55.92</i>

4. CARBON OFFSETS

Offset purchasing strategy: in arrears

FY2019-20 is Molonglo's first year of carbon neutral certification and also our base year. We have applied the purchasing in arrears approach for purchasing and retiring offsets. Offsets have been purchased and retired to ensure we are carbon neutral for the FY2019-20 period 1 July 2019 to 30 June 2020. We will continue this offsetting process annually to maintain our carbon neutrality year on year.

Table 4: Overview of carbon offsets purchased and retired for the Climate Active FY2019-20 carbon neutral claim

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	Eligible Quantity (TCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
Wind bundle project in Maharashtra by Sispara (stapled to BRCOs/ ABUs)	VCU	Verra Registry	25 Mar 2021	8456-21847829-21847997-VCS-VCU-997-VER-IN-1-1660-01092018-31122018-0	2018	169	0	0	169	41%
Wind bundle project in Maharashtra by Sispara (stapled to BRCOs/ ABUs)	VCU	Verra Registry	25 Mar 2021	8456-21847589-21847828-VCS-VCU-997-VER-IN-1-1660-01092018-31122018-0	2018	240	0	0	240	59%
Total offsets retired this report and used in this report										409
Total offsets retired this report and banked for future reports										0

Table 5: Overview of offset types retired for Molonglo's Climate Active FY2019-20 carbon neutral claim

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Verified Carbon Units (VCUs)	409	100%

Offset project description

Molonglo purchased and retired offsets from the **Wind bundle project in Maharashtra by Sispara** in India for their Climate Active FY2019-20 carbon neutral claim. This project represents 100% of the total amount of offsets purchased and retired for this reporting period. This small-scale project involves the installation of 35.5MW capacity of wind power across four locations in India. Clean energy generated by the project will be exported to the local electricity grid in Maharashtra, displacing the fossil-fuel generated electricity on the Northern, Eastern, Western and North-Eastern regional grids (NEWNE) grid of India.

Link: <https://registry.verra.org/app/projectDetail/VCS/1660>

5. USE OF TRADE MARK

Table 6: Molonglo's trademark use

Description where trademark used	Logo type
Company websites	Certified organisation
Publications	Certified organisation
Email signatures	Certified organisation
Social media	Certified organisation
Signage	Certified organisation
Presentations	Certified organisation
Other marketing materials e.g., printed, newsletters, online communications	Certified organisation

6. ADDITIONAL INFORMATION

In addition to the carbon benefits associated with the offset project detailed in Section 4, Molonglo also purchased and retired an additional 409 biodiversity units that support local biodiversity projects in Australia which provides significant conservation of native flora and fauna. Molonglo purchased 100 Biodiverse Reforestation Carbon Offset units (BRCOs) from the Yarra Yarra Biodiversity Corridor Project and 309 Australian Biodiversity Units (ABUs) from the Watchbox Australian Biodiversity Project.

The **Yarra Yarra Biodiversity Corridor Project** is located in the northern wheatbelt region of Southwestern Australia and supports several of the UN's Sustainable Development Goals (SDGs):

- 3 Good health and well-being
- 4 Quality education
- 6 Clean water and sanitation
- 8 Decent work and economic growth
- 13 Climate action
- 15 Life on land
- 17 Partnerships for the goals

This large-scale reforestation project is restoring a landscape and preserving precious biodiversity by linking small patches of remaining vegetation and 12 nature reserves to create a green corridor to help restore ecosystems and preserve threatened and unique flora and fauna such as the Mallee Fowl and Carnaby's Black Cockatoo.

- Project name: [Yarra Yarra Biodiversity Corridor](#)
- Location: Western Australia
- Serial numbers: 12PWA173543B - 12PWA173642B
- Date retired: 29 March 2021

Figure 2: BRCO certificate for Molonglo



The **Watchbox Australian Biodiversity Project** is located in central Victoria, Australia and supports two of the UN's SDGs, 13 Climate Action and 15 Life on Land. This small-scale biodiversity project helps to protect several engaged species including the brush-tailed phascogale, which is protected under a 'Trust for Nature' covenant in perpetuity. The site is predominantly made up of grassy dry forest and healthy dry forest. This project produces ABUs that are registered and retired on the Native Vegetation Credit Register (and then subsequently moved to a voluntary register run by Vegetation Link – for voluntary purposes). Each ABU represents 1.5m² of high conservation value native habitat.

- Project name: Watchbox Conservation Project
- Location: Central Victoria, Australia
- Serial numbers: 5486-5794
- Date retired: 24 March 2021
- Protection: Trust for Nature covenant (perpetuity)
- Registry: Native Vegetation Credit Register (AU)
- NVCR allocation reference: C1854_VOL001

Figure 3: ABU certification for Watchbox Australian Biodiversity Project



APPENDIX 1

Excluded emissions

The Climate Active Standard states that any Scope 3 emissions sources that are deemed to be 'relevant' must be included in the emissions boundary. To be deemed 'relevant', an emissions source must meet **at least two of five relevance criteria**. The table below details all sources that have been deemed **not** relevant, and hence are excluded from Molonglo's Climate Active reporting boundary.

Table 7: Molonglo's relevance testing for excluded emission sources

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>
Business services	No	No	No	Yes	No
ICT services (telephone and internet)	No	No	Yes	No	No
ICT services (software and subscriptions)	No	No	Yes	No	No
Storage services	No	No	No	No	No
IT equipment	Yes	No	No	No	No

APPENDIX 2

Non-quantified emissions for organisations

The Climate Active Standard states that relevant emissions must be quantified unless justification can be provided to demonstrate that quantification would not be technically feasible, practicable or cost effective relative to its significance. Molonglo have no non-quantified emission sources.

Table 10

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>
-				
-				
-				