



# **PUBLIC DISCLOSURE STATEMENT**

m3architecture Pty Ltd

**ORGANISATION**  
**FY 2019-2020**

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

**m3architecture**



An Australian Government Initiative



NAME OF CERTIFIED ENTITY: m3architecture 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 19 November 2020

Name of Signatory Benjamin Vielle

Position of Signatory Director, m3architecture



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

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# 1. CARBON NEUTRAL INFORMATION

## Description of certification

This inventory has been prepared for the financial year from 1 July 2019 to 30 June 2020 and covers the business operations of m3architecture.

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007. This includes the following location:

- 11 Saint James Street, Petrie Terrace QLD 4000

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standard for organisations
- The GHG Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF<sub>6</sub>) and nitrogen trifluoride (NF<sub>3</sub>). These have been expressed as carbon dioxide equivalents (CO<sub>2</sub>-e) using relative global warming potentials (GWPs).

*"Climate Active Certification is an important metric for demonstrating our commitment to good corporate citizenship at m3architecture"*

## Organisation description

m3architecture is a national award-winning architecture firm based in Brisbane, which started in 1997. The practice is run by Directors Michael Banney, Michael Christensen, Michael Lavery and Ben Vielle.

Ideas lead our work. We conceive ideas that are embedded through every stage of a project. We are interested in designing something unexpected – something that makes your project extraordinary.

We are leaders in education and public architecture, though we work in any sector. We work on any architecture or design project, whether small or large scale, from buildings to exhibitions.

Our services include traditional design, documentation and contract administration services. We are also adept at master planning, pre-design, project briefing and feasibility studies.

Our designs have been awarded the highest architecture prize for Public Buildings, Heritage and Small Projects in Australia. We have also won many awards for our interiors, urban design, and art and architecture. Our designs are published both nationally and internationally.

## 2. EMISSION BOUNDARY

### Diagram of the certification boundary



**Non-quantified sources**

N/A

**Data management plan**

N/A

**Excluded sources (outside of certification boundary)**

N/A

*“Climate Active Certification creates a framework for us to show leadership to our clients in the construction sector”.*

## 3. EMISSIONS SUMMARY

### Emissions reduction strategy

m3architecture is committed to developing a detailed emissions reduction strategy over the next two years. This includes a commitment to purchasing 100% green power in FY20/21, adopting energy reduction strategies, and reducing resource consumption.

### Emissions summary (inventory)

Table 1

Emission source category	tonnes CO <sub>2</sub> -e
Accommodation and facilities	1.51
Air Transport (km)	27.43
Car Hire	1.04
Cleaning and Chemicals	0.96
Electricity	47.21
Employee Commute	1.88
Food	8.87
ICT services and equipment	37.32
Land and Sea Transport (fuel)	2.09
Office equipment & supplies	3.29
Office plants and maintenance	1.64
Postage, courier and freight	1.19
Professional Services	22.10
Public Transport	0.38
Refrigerants	2.59
Rideshare	0.49
Taxi	0.18
Waste	2.29
Water	0.07
Working from Home	2.86
<i>Total Net Emissions</i>	<b>165.40</b>

## Uplift factors

Table 2

Reason for uplift factor	tonnes CO <sub>2</sub> -e
N/A	
<i>Total footprint to offset (uplift factors + net emissions)</i>	<b>165.40</b>

## Carbon neutral products

- Carbon neutral paper – Australian Paper

## Electricity summary

Electricity was calculated using a Location-based approach.

The Climate Active team are consulting on the use of a market vs location-based approach for electricity accounting. Given a decision is still pending on the accounting way forward, a summary of emissions using both measures have been provided for full disclosure and to ensure year on year comparisons can be made.

### Market-based approach electricity summary

Table 3

Electricity inventory items	kWh	Emissions (tonnes CO <sub>2</sub> e)
Electricity Renewables	9,442	0.00
Electricity Carbon Neutral Power	0	0.00
Electricity Remaining	41,323	44.67
Renewable electricity percentage	19%	
<i>Net emissions (Market based approach)</i>		<b>44.67</b>

### Location-based summary

Table 4

State/ Territory	Electricity Inventory items	kWh	Full Emission factor (Scope 2 +3)	Emissions (tonnes CO <sub>2</sub> e)
QLD	Electricity Renewables	-	-0.93	0.00
QLD	Electricity Carbon Neutral Power	-	-0.93	0.00
QLD	Netted off (exported on-site generation)	-	-0.81	0.00
QLD	Electricity Total	50,765	0.93	47.21
	<i>Total net electricity emissions (Location based)</i>		<i>0.00</i>	<b>47.21</b>



## 4. CARBON OFFSETS

**Offset purchasing strategy:** in arrears

## Offsets summary

Table 5

<b>1. Total offsets required for this report</b>										166
<b>2. Offsets retired in previous reports and used in this report</b>										0
<b>3. Net offsets required for this report</b>										166
Project description	Eligible offset units type	Registry unit retired in	Date retired	Serial number (including hyperlink to registry transaction record)	Vintage	Quantity (tonnes CO2-e)	Quantity used for previous report	Quantity to be banked for future years	Quantity to be used this report	
CECIC HKC Gansu Changma Wind Power project	VCUs	Verra	18 Nov 2020	<a href="#">7821-430269483-430269648-VCU-034-APX-CN-1-717-24092018-31122018-0</a>	2018	166	0	0	166	
<i>Total offsets retired this report and used in this report</i>							<b>166</b>			
<i>Total offsets retired this report and banked for future reports</i>							<b>0</b>			

## Co-benefits

### CECIC HKC Gansu Changma Wind Power project

Located Southwest of Yumen Town, this project consists of 134 wind turbines of 1,500 kW. Total of 431,949 MWh clean electricity generated by the Project are expected to be delivered to the Northwest China Power Grid (NWPG) and the Project is estimated to reduce GHG emissions about 430,588 tCO<sub>2</sub> annually. The wind farm provides a much needed boost in electricity for the area. China's rapid economic growth has resulted in frequent power outages. A local source of clean electricity gives energy security to the region. It is also a source of employment and educational opportunities for the community.

### Greenfleet Biodiversity Offsets

m3architecture purchased an additional 166 tonnes of carbon offsets through Greenfleet. Greenfleet is an Australian based charity sequestering carbon emissions via native reforestation. The forests sequester carbon emissions from the atmosphere, enhance water quality, reduce soil erosion, improve land productivity, and provide vital habitat for native wildlife, including many endangered species.

## 5. USE OF TRADE MARK

Table 6

Description where trademark used	Logo type
Company Website	Certified Organisation
Social Media Posts (Instagram and Linked-In)	Certified organisation
Company submissions and expressions of interest	Certified organisation
Email footers for staff	Certified Organisation

## 6. ADDITIONAL INFORMATION

N/A

# 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

Please advise which of the reasons applies to each of your non-quantified emissions. You may add rows if required.

**Table 8**

Non-quantification test				
Relevant-non-quantified emission sources	<i>Immaterial &lt;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