



# **PUBLIC DISCLOSURE STATEMENT**

**M3ARCHITECTURE PTY LTD**

**ORGANISATION CERTIFICATION  
FY 2020-2021**

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

**m3architecture**



An Australian Government Initiative



NAME OF CERTIFIED ENTITY: m3architecture Pty Ltd

REPORTING PERIOD: 1 July 2020 – 30 June 2021

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

26<sup>th</sup> September 2022

Name of Signatory

Ben Vielle

Position of Signatory

Director



**Australian Government**

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

Public Disclosure Statement documents are prepared by the submitting organisation. The material in Public Disclosure Statement documents represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Statement documents and disclaims liability for any loss arising from the use of the document for any purpose.

Version number February 2021

# 1. CARBON NEUTRAL INFORMATION

## Description of certification

This inventory has been prepared for the financial year from 1 July 2020 to 30 June 2021 and covers the business operations of m3architecture, ABN 23 079 044 545.

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.

As per last year's certification, m3architecture have committed to defining an emissions reductions strategy over the next year. This strategy will focus on reductions and actions for the organisation's major emissions sources, including electricity, emissions b and emissions c. m3architecture has already made progress by purchasing GreenPower and offsetting some flight emissions directly with airlines.

## Emissions over time

A reduction in emissions has been seen in 2020-21 both due to the impacts of Covid-19 and due to emissions reductions actions.

Table 1

Emissions since base year			
	Base year: 2019-20	Current year Year 1: 2020-21	
	<i>Total tCO<sub>2</sub>-e</i>	165.4	109.4

## Significant Changes in Emissions

Emission source name	Current year (tCO <sub>2</sub> -e and/ or activity data)	Previous year (tCO <sub>2</sub> -e and/ or activity data)	Detailed reason for change
Food	15032.61 kg CO <sub>2</sub> -e	13315.45 kg CO <sub>2</sub> -e	Additional events and catering requirements in the current year.
ICT Services and Equipment	193325.35 kg CO <sub>2</sub> -e	137257.62 kg CO <sub>2</sub> -e	Increased spend on software and IT services.
Professional Services	175576.5 kg CO <sub>2</sub> -e	93963.5 kg CO <sub>2</sub> -e	Largely due to an increased spend on photographic services and the inclusion of accounting services.

## Emissions reduction actions

In FY 2020/21 m3architecture has purchased GreenPower for office electricity use, which has had a substantial impact on emissions, as electricity accounted for 28.5% of emissions in FY 2019/20.

## Emissions summary (inventory)

Table 2

Emission source category	tonnes CO <sub>2</sub> -e
Accommodation and facilities	0.18
Air Transport (km)	7.74
Car Hire	0.57
Cleaning and Chemicals	2.70
Construction Materials and Services	0.35
Electricity	0.00
Food	10.68
Horticulture and Agriculture	1.70
ICT services and equipment	35.79
Land and Sea Transport (fuel)	4.73
Land and Sea Transport (km)	2.68
Office equipment & supplies	5.86
Postage, courier and freight	0.43
Professional Services	28.98
Public Transport	0.41
Refrigerant	2.39
Rideshare	0.37
Taxi	0.06
Waste	2.12
Water	0.28
Working from home	1.36
<i>Total Net Emissions</i>	<b>109.4</b>



## Uplift factors

Table 3

Reason for uplift factor	tonnes CO <sub>2</sub> -e
N/A	
<i>Total footprint to offset (uplift factors + net emissions)</i>	109.4

## Carbon neutral products

Carbon neutral paper

## Electricity summary

Electricity was calculated using a market-based approach.

### Market-based approach summary

Table 4

Market-based approach	Activity Data (kWh)	Emissions (kgCO <sub>2</sub> -e)	Renewable %
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)	0	0	0%
GreenPower	47,180	0	95%
Jurisdictional renewables	0	0	0%
Residual Electricity	-6,857	-7,358	-14%
Large Scale Renewable Energy Target (applied to grid electricity only)	9,413	0	19%
<b>Total grid electricity</b>	<b>49,736</b>	<b>-7,358</b>	<b>100%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>49,736</b>	<b>-7,358</b>	<b>114%</b>
Electricity renewables	56,593	0	
Residual Electricity	-6,857	-7,358	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emission Footprint (kgCO <sub>2</sub> -e)		0	

<b>Emission Footprint (tCO<sub>2</sub>-e)</b>	<b>0</b>
<b>LRET renewables</b>	<b>18.93%</b>
<b>Voluntary Renewable Electricity</b>	<b>94.86%</b>
<b>Total renewables</b>	<b>113.79%</b>

**Location-based approach summary  
Table 5**

Location-based approach	Activity Data (kWh)	Emissions (kgCO <sub>2</sub> e)
ACT	0	0
NSW	0	0
SA	0	0
Vic	0	0
Qld	49,736	46,254
NT	0	0
WA	0	0
Tas	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>49,736</b>	<b>46,254</b>
ACT	0	0
NSW	0	0
SA	0	0
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>49,736</b>	<b>46,254</b>

<b>Emission Footprint (tCO<sub>2</sub>-e)</b>	<b>46</b>
---	-----------

## 4. CARBON OFFSETS

### Offsets strategy

Table 6

Offset purchasing strategy:	
In arrears	
1. Total offsets previously forward purchased and banked for this report	0
2. Total emissions liability to offset for this report	109.4
3. Net offset balance for this reporting period	0
4. Total offsets to be forward purchased to offset the next reporting period	0
5. Total offsets required for this report	110

### Co-benefits

#### CECIC HKC Gansu Changma Wind Power project

The main purpose of the project is to generate renewable electricity using wind power and feed the generated output to the local grid in Gujarat, contributing to climate change mitigation efforts. In addition to the generation of renewable energy-based electricity, the project has also been conceived to enhance the propagation of commercialisation of wind power generation in the region and to contribute to the sustainable development of the region, socially, environmentally and economically. The proposed project activity leads to alleviation of poverty by establishing direct and indirect employment benefits accruing out of infrastructure development of wind farms, installation work, operation and management of wind farm, providing daily needs, etc. The infrastructure in and around the project area will also improve due to project activity. This includes development of road network and improvement of electricity quality, frequency and availability as the electricity is fed into a deficit grid. The generated electricity is fed into the Western regional Grid through local grid, thereby improving the grid frequency and availability of electricity to the local consumers (villagers & sub-urban habitants) which will provide new opportunities for industries and economic activities to be setup in the area thereby resulting in greater local employment, ultimately leading to overall development.

#### 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.

## Offsets summary

### Proof of cancellation of offset units

Table 7

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 <sub>2</sub> -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
150 MW grid connected Wind Power based electricity generation project in Gujarat, India.	VCU	Verra	13/12/2021	<a href="#">9085-66662518-66662627-VCS-VCU-1491-VER-IN-1-292-01012017-31122017-0</a>	2017	110	0	0	110	100%
<b>Total offsets retired this report and used in this report</b>									110	
<b>Total offsets retired this report and banked for future reports</b>									0	

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Verified Carbon Units (VCUs)	110	100%

## 5. USE OF TRADE MARK

Table 8

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 9**

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 10

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



An Australian Government Initiative

