



PUBLIC DISCLOSURE STATEMENT

WITH_ARCHITECTURE STUDIO

ORGANISATION
FY 2019-20

Australian Government
Climate Active
Public Disclosure Statement

with_architecture
studio



An Australian Government Initiative



NAME OF CERTIFIED ENTITY: With_Architecture Studio

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 18 November 18, 2020

Name of Signatory

Jane Wetherall

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.

1. CARBON NEUTRAL INFORMATION

Description of certification

All parts of With_Architecture Studio's operating business have been included in the Carbon Neutral Certification.

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

- Climate Active Standards
- The Greenhouse Gas 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 (CO₂), methane (CH₄), nitrous oxide (N₂O). No synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF₆) or Nitrogen Trifluoride (NF₃) were detected within the operational boundary. These have been expressed as carbon dioxide equivalents (CO₂-e) using relative global warming potentials (GWPs).

Organisation description

With_Architecture Studio (previously Donaldson and Warn) was established in 1985 and today is a mid-sized design studio with around 17 employees operating from Perth, WA. With over 30 years of experience the practice has established a reputation as a creative and contemporary architecture studio with an impressive record of built projects. With_Architecture Studio has gained, for its design excellence, national and international recognition and publication, being awarded over 40 awards including two George Temple Poole awards: the highest honor for architecture WA.

With_Architecture Studio's expertise spans institutional and civic architecture, commercial developments, education buildings, learning environments and campus planning, hospitality and tourism, multi-residential architecture, arts buildings, heritage adaptation, urban design, masterplanning and development guidelines.

"We are dedicated to be a progressive driver for sustainable development for our clients and partners and the users of our buildings."

The specific services provided include:

- Masterplanning and Urban Design
- Architecture
- Feasibility studies
- Space audits and space planning
- Interior design
- Green buildings consultancy services

The practice is dedicated to sustainable development within their own business, and for their clients and partners. With_Architecture Studio was awarded the first Green Star Multi-Unit Residential rating in Australia (4 Star) by the Green Building Council Australia (GBCA) for one of its residential projects. All recent education projects have achieved a 4 Star Green Star rating equivalent. The Greater Curtin Masterplan was the first project to receive a 5 Star Green Star Communities rating.

With_Architecture Studio's sustainability commitments are integral to their QA and management system ensuring their full implementation through every level of the business. The practice began to monitor its resource consumption in 2014, tracking improvements and aiming to become Carbon Neutral in 2017.

2. EMISSION BOUNDARY

Diagram of the certification boundary



Non-quantified sources

N/A

Data management plan

N/A

Excluded sources (outside of certification boundary)

Base building services has been excluded as the lease for the current premises does not include a charge for base building services. It is therefore assumed that the lettable office space does not consume any base building services.

“Increasing awareness and focus of the environmental footprint of our own organisation and achieving carbon neutral certification allows us to lead by example.”

3. EMISSIONS SUMMARY

Emissions reduction strategy

With_Architecture Studio's emissions reduction strategy involves:

- Measuring and reporting on our energy consumption and carbon footprint annually
- Acting on opportunities to reduce our emissions by improving operational efficiencies, investing in technological innovation and reducing our resource consumption. Many of our processes are now paperless, and we have recently decommissioned one of our two multifunction photocopiers.
- Promoting our commitments to our partners, consultants and suppliers to encourage sustainable change within the industry above and beyond our own business. Specifying local, sustainable, responsible products and materials as a priority.
- Educating and engaging our staff and contractors to minimise their impacts both at work and at home.
- Interlocking our emissions reduction strategy with our QA and management procedures to ensure implementation and commitment on every level

Emissions over time

In 2017 With_Architecture Studio moved premises to an open plan warehouse. This move resulted in a large decrease in emissions mainly due to the good solar passive design of the building, including the ability to open up one side of the studio to outside, maximizing natural ventilation and reducing the need for air conditioning. Since this shift our emissions have remained fairly stable. The slight increase during FY2019/20 is mainly from printing and transport fuels because of an increase in projects.

Table 1

Emissions since base year			
	Base year: 2016-17	Year 1: 2018-19	Current year Year 2: 2019-20
<i>Total tCO2e</i>	72.5	52.1	55.2

Emissions reduction actions

- Providing employees with ceramic reusable coffee cups and reusable lunch containers for local take way food and coffee options.
- Purchasing a hybrid electric car to minimize the need for employees to drive their own vehicles into work and encouraging them embrace sustainable commute options.
- Switching to 100% accredited Green Power (for next audit period)

Emissions summary (inventory)

Table 2

Emission source category	tonnes CO ₂ -e
Cleaning and Chemicals	0.70
Electricity	20.12
Employee Commute	5.58
Food	2.75
ICT services and equipment	9.26
Land and Sea Transport (fuel)	3.42
Office equipment & supplies	9.92
Postage, courier and freight	0.23
Rideshare	0.03
Taxi	0.01
Waste	1.89
Water	0.15
Working From Home	1.17
<i>Total Net Emissions</i>	55.22

Uplift factors

Table 3

Reason for uplift factor	tonnes CO ₂ -e
N/A	
<i>Total footprint to offset (uplift factors + net emissions)</i>	55.22

Carbon neutral products

Carbon Neutral Paper - Reflex

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 with a view to finalising a policy decision for the carbon neutral certification by July 2020. Given a decision is still pending on the accounting way forward, a summary of emissions using both measures has been provided for full disclosure and to ensure year on year comparisons can be made.

Market-based approach electricity summary

Table 4

Electricity inventory items	kWh	Emissions (tonnes CO ₂ e)
Electricity Renewables	5,057	0.00
Electricity Carbon Neutral Power	0	0.00
Electricity Remaining	22,129	23.92
Renewable electricity percentage	19%	
<i>Net emissions (Market based approach)</i>		23.92

Location-based summary

Table 5

State/ Territory	Electricity Inventory items	kWh	Full Emission factor (Scope 2 +3)	Emissions (tonnes CO ₂ e)
WA	Electricity Renewables	-	-0.74	0.00
WA	Electricity Carbon Neutral Power	-	-0.74	0.00
WA	Netted off (exported on-site generation)	-	-0.69	0.00
WA	Electricity Total	27,186	0.74	20.12
	<i>Total net electricity emissions (Location based)</i>		<i>0.00</i>	20.12

4. CARBON OFFSETS

Offset purchasing strategy: in arrears

Offsets summary

Table 6

1. Total offsets required for this report				56					
2. Offsets retired in previous reports and used in this report				0					
3. Net offsets required for this report				56					
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
Gold Standard-accredited Yarra Yarra Biodiversity Corridor, WA (PER serial numbers GS1-1-AU-GS3039-21-2022-19221-5733-5788) and Ningxia Helanshan Wind-farm Project	CERs	ANREU	4 Nov 2020	CN-316 1,011,023,960 - 1,011,024,015	2016	56	0	0	56
<i>Total offsets retired this report and used in this report</i>							56		
<i>Total offsets retired this report and banked for future reports</i>							0		

Co-benefits

Australian Yarra Yarra Biodiversity Project

The Yarra Yarra Biodiversity Corridor is a native reforestation project located in Southwest Australia - a global biodiversity hotspot. The project is established on degraded, semi-arid agricultural land that no longer supports viable farming practices. It removes carbon from the atmosphere and recreates a healthy and functioning landscape, restored after decades of habitat loss and soil degradation. Planting native tree and shrub species indigenous to the region provides essential habitat and connectivity for birds and animals to transition through the landscape. The project also delivers measurable environmental, social, economic and heritage benefits to the community, including local Indigenous inclusion and employment and support of over 80 local businesses. The reforestation is protected for 100 years by Carbon Right and Carbon Covenants registered on land titles.

Ningxia Helanshan Wind-farm Project

The Ningxia Helanshan Wind-farm Project will have a total installed capacity of 111.9MW. A total of 111 wind turbines will be installed: 84 with a unit capacity of 850 kW and 27 with a unit capacity of 1500 kW. At full capacity, the wind-farm is projected to generate 246.18GWh electricity annually and to sell 241.26GWh power to the grid.

The project activity's contributions to sustainable development are:

- Reducing the dependence on exhaustible fossil fuels for power generation
- Reducing air pollution by replacing coal-fired power plants with clean, renewable power
- Reducing the adverse health impacts from air pollution
- Reducing the emissions of greenhouse gases, to combat global climate change; ·Reducing poverty and increase employment, which is very important in Ningxia
- To introduce advanced wind power technologies in Ningxia, that will help the further introduction of wind power in this part of China and will contribute to more sustainable power production.
- Provide training in the employment and management of advanced wind power technologies

5. USE OF TRADE MARK

Table 7

Description where trademark used	Logo type
Email signatures	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 8

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>
Base Building Services	No	No	No	No	No

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 9

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

rs	
unimary	
0	
ms	