



PUBLIC DISCLOSURE STATEMENT

WITH ARCHITECTURE STUDIO

ORGANISATION CERTIFICATION

FY2021 - 22

Australian Government

Climate Active Public Disclosure Statement

with_architecture
studio



NAME OF CERTIFIED ENTITY	With Architecture Studio
REPORTING PERIOD	Financial year 1 July 2021 – 30 June 2022 Arrears report
DECLARATION	<i>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.</i>  Jane Wetherall Director 14 April 2023



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

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1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	43 tCO ₂ -e
OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	100%
TECHNICAL ASSESSMENT	Next technical assessment due: FY2022-23 certification.

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2. CARBON NEUTRAL INFORMATION

Description of certification

This Carbon Neutral Certification covers all business operations of With Architecture Studio, ABN 59 169 698 373.

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 (With Studio), ABN 59 169 698 373, is a design-led practice committed to delivering distinctive and functional spaces that yield engaging experiences and create lasting value for client and community. We take pride in responsible design that shows leadership and helps to create places that inspire and enable people. Our best work is achieved through collaborative teamwork.

Established in Perth in 1985, we have over 30 years of extensively published and awarded commissions spanning the disciplines of architecture, master planning, interior architecture, urban design, graphic design, and public art. Our expertise spans institutional and civic architecture, commercial developments, technical and 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 being a progressive driver for sustainable development for our clients, our partners, and the users of our buildings. Being Australia's first certified carbon neutral architectural practice allows us to lead by example."

With Studio is a mid-sized design studio of 20 professionals based in Perth, Western Australia. With open discourse and design prototyping that draws on evidence and experience, our team is constantly improving while remaining committed to the practice of architecture as a people focused, place lead collaborative enterprise. This approach underpins our reputation as a creative architecture studio with an impressive portfolio of built projects. The studio's commitment to design excellence is acknowledged through industry awards and publications that have earned us national and international recognition.

Our studio is dedicated to sustainable development within our own business, and for our clients and partners. We are proud to have achieved the nation's first green star rated multi-residential design awarded by the Green Building Council of Australia and to have been part of the team to deliver the Greater Curtin Masterplan, the first project to receive a five-star Green Star Communities rating.

With Studio are early signatories to the Australian Architect's Declare movement. We are currently completing our Sustainability Action Plan, that sets out in detail our approach and commitment to sustainable design and business operations, and will provide a measurement framework that promotes evaluation, adaption and improvement.

3.EMISSIONS BOUNDARY

Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

Quantified emissions have been assessed as relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

Non-quantified emissions have been assessed as relevant and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

Outside the emissions boundary

Excluded emissions are those that have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.

Inside emissions boundary

Quantified

Cleaning and Chemicals
Food
ICT services and equipment
Office equipment & supplies
Postage, courier and freight
Products
Professional Services
Transport (Land and Sea)
Waste
Water
Working from home

Non-quantified

N/A

Outside emission boundary

Excluded

N/A

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

With Studio commits to reduce total emissions of its business operations by 55% by 2030, from a 2016 baseline.

Scope 1 emissions will be reduced by:

- Reducing company-owned vehicle travel where possible and encouraging carpooling.
- Preferencing low energy intensity refrigeration units (air-conditioning and fridges) when these need replacing.

Scope 2 emissions are already nil due to the purchase of GreenPower electricity. With Studio will remain diligent with reducing energy consumption by turning off computers, office equipment and appliances outside of business hours.

Scope 3 emissions will be reduced by:

- Reducing consumption by avoiding the purchase of unnecessary products and services.
- Reviewing procurement controls annually to preference Climate Active carbon neutral products and services, such as:
 - o Food and beverage
 - o Professional services
 - o Office supplies
- Reducing the frequency of waste collection over the next year.
- Encouraging employees to take public transport, cycle, scooter or walk to work.
- Improve rigor in our data collection methods over the next two years to increase staff awareness of the impact of their behaviour on our footprint, and fine-tune initiatives.
- Create a food inventory over the next two years for food purchased by the office to promote lower carbon choices for inhouse events.

Emissions reduction actions

Since the previous reporting period, With Architecture Studio has implemented the following emission reduction actions to reduce their footprint:

- Completed a full year with GreenPower electricity.
- Engaged private waste collection services that allowed us to increase recycling streams and

separate paper/cardboard and organics from the general recycling and landfill.

- Staff training sessions on apps and techniques to reduce paper usage and promote paperless work flow.
- Flexible work policy for staff to WFH to reduce commute emissions.
- Opting for video conferencing where possible to reduce travel.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base year/ Year 1:	FY2015-16	76
Year 2:	FY2016-17	73
Year 3:	FY2017-18	76
Year 4:	FY2018-19	40
Year 5:	FY2019-20	32
Year 6:	FY2020-21	47
Year 7:	FY2021-22	43

Significant changes in emissions

Emission source name	Current year (activity data)	Previous year (activity data)	Detailed reason for change
Computer and electrical components, hardware and accessories	\$ 30,985.29	\$ 22,138.43	End of life cycle requiring bulk replacement items
Printing and stationery	\$ 12,281.83	\$ 8,822.99	Additional project requirements
Train	2,386.81	3070.15	organic growth
Petrol: Small Car	4,536.33	4256.88	organic growth

Use of Climate Active carbon neutral products and services

This assessment and Climate Active submission was prepared with the assistance of [Pangolin Associates](#) and these services are carbon neutral.

With Architecture Studio, also use Climate Active carbon neutral Reflex office paper.

Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a market-based approach.

Emission category	Sum of Scope 1 (tCO ₂ -e)	Sum of Scope 2 (tCO ₂ -e)	Sum of Scope 3 (tCO ₂ -e)	Sum of total emissions (tCO ₂ -e)
Cleaning and Chemicals	0.00	0.00	0.83	0.83
Climate Active Carbon Neutral Products and Services	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00
Food	0.00	0.00	3.67	3.67
ICT services and equipment	0.00	0.00	5.70	5.70
Office equipment & supplies	0.00	0.00	3.45	3.45
Postage, courier and freight	0.00	0.00	0.04	0.04
Products	0.00	0.00	0.07	0.07
Professional Services	0.00	0.00	14.92	14.92
Transport (Land and Sea)	0.67	0.00	11.34	12.02
Waste	0.00	0.00	1.25	1.25
Water	0.00	0.00	0.15	0.15
Working from home	0.00	0.00	0.29	0.29
Total	0.67	0.00	41.72	42.39

Uplift factors

N/A.

6. CARBON OFFSETS

Offsets retirement approach

In arrears		
1.	Total number of eligible offsets banked from last year's report	0
2.	Total emissions footprint to offset for this report	42.4
3.	Total eligible offsets required for this report	43
4.	Total eligible offsets purchased and retired for this report	43
5.	Total eligible offsets banked to use toward next year's report	0

Co-benefits

NIHT Topaiyo REDD + (PNG)

NIHT Inc. has partnered with the traditional landowners of New Ireland and East New Britain to put an end to deforestation initiated by industrial logging in the region. The preservation of these rainforests is essential to not only the carbon and biodiversity benefits inherent with projects of this nature, but also for the wellbeing and prosperity of the people of New Ireland and East New Britain. The project is located in the forested areas of New Ireland and East New Britain in Papua New Guinea. The project has evolved based on the input and needs expressed by persons living in the region. What began as a traditional timber operation has been recognised as an opportunity with enormous carbon sequestering potential and has evolved into a forest protection project that will provide substantial economic benefits to the people of Papua New Guinea. Through the avoidance of carrying out exploitative industrial commercial timber harvesting in the project area, the project expects to generate nearly 60 million tonnes of CO₂ emissions reductions across the 30-year project lifetime, depending on the number and size of Project Activity Instances (PAIs) added to the project.

Eligible offsets retirement summary

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	Stapled quantity	Eligible quantity (tCO ₂ -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
NIHT Topaiyo REDD +	VCUs	VERRA	8 Feb 2023	8799-46518999-46519041-VCS-VCU-466-VER-PG-14-2293-01062017-31122019-0	2017-2019	0	43	0	0	43	100%
Total offsets retired this report and used in this report										43	
Total offsets retired this report and banked for future reports									43		
	Type of offset units			Quantity (used for this reporting period claim)				Percentage of total			
	Verified Carbon Units (VCUs)			43				100%			

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A.

APPENDIX A: ADDITIONAL INFORMATION

N/A.

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach.

Location-based method

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

Market-based method

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

Market Based Approach Summary

Market Based Approach	Activity Data (kWh)	Emissions (kgCO ₂ e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
Total non-grid electricity	0	0	0%
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	36,372	0	100%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	6,762	0	19%
Residual Electricity	-6,762	-6,728	-19%
Total grid electricity	36,372	-6,728	100%
Total Electricity Consumed (grid + non grid)	36,372	-6,728	119%
Electricity renewables	43,134	0	
Residual Electricity	-6,762	-6,728	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		0	

Total renewables (grid and non-grid)	118.59%
Mandatory	18.59%
Voluntary	100.00%
Behind the meter	0.00%
Residual Electricity Emission Footprint (TCO₂e)	0

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO ₂ e)	Scope 3 Emissions (kgCO ₂ e)
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	36,372	24,369	364
Tas	0	0	0
Grid electricity (scope 2 and 3)	36,372	24,369	364
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Non-grid electricity (Behind the meter)	0	0	0
Total Electricity Consumed	36,372	24,369	364

Emission Footprint (TCO₂e)	25
<i>Scope 2 Emissions (TCO₂e)</i>	24
<i>Scope 3 Emissions (TCO₂e)</i>	0

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO ₂ e)
N/A.	0	0

Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

No emission sources in With Architecture Studio's organisation boundary were non-quantified in FY2021 - 22.

Relevant-non-quantified emission sources	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
N/A	N/A	N/A	N/A	N/A

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions
2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.
3. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.
5. **Outsourcing** 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.

No emission sources in With Architecture Studio's organisation boundary were excluded in FY2021 - 22.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
N/A	N/A	N/A	N/A	N/A	N/A	N/A



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