




PUBLIC DISCLOSURE STATEMENT

WITH ARCHITECTURE STUDIO

ORGANISATION CERTIFICATION
FY2022–23

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY	With Architecture Studio
REPORTING PERIOD	Financial year 1 July 2022 – 30 June 2023 Arrears report
DECLARATION	<p><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></p>  <p>Jane Wetherall Director 29 Oct 2023</p>



Australian Government
**Department of Climate Change, Energy,
 the Environment and Water**

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1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	50 tCO ₂ -e
OFFSETS USED	100% VERs
RENEWABLE ELECTRICITY	100%
CARBON ACCOUNT	Prepared by: With Architecture Studio
TECHNICAL ASSESSMENT	No technical assessment required (Small Org 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 21 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.

3.EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation 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 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		Outside emission boundary
<p><u>Quantified</u></p> <ul style="list-style-type: none"> Stationary energy and fuels Electricity Accommodation Carbon neutral products and services Cleaning and chemicals Food ICT services and equipment Professional services Office equipment and supplies Postage, courier and freight Refrigerants Transport (air) Transport (land and sea) Waste Water Working from home 	<p><u>Non-quantified</u></p> <p>N/A</p> <p><u>Optionally included</u></p> <p>N/A</p>	<p><u>Excluded</u></p> <p>N/A</p>

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:

- Monitoring company-owned vehicle travel and reducing this where possible over the next 5 years by gaining a better understanding of what tasks the car is used for, if they can be consolidated, and if meetings could be held online. This item will be considered in association with employee commutes, use of personal vehicles and rideshare for work purposes to find the lowest emission mix.
- Preferring low energy intensity refrigeration units (air-conditioning and fridges) if these need replacing over the remaining 4 years of the current lease.

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 and when not specifically required.

Scope 3 emissions will be reduced by:

- Improve rigor in our data collection methods through implementation of a Scope 3 reporting tool to improve data availability on consumption.
- Reducing consumption by avoiding the purchase of unnecessary products and services. Quarterly reviews of purchases/consumption will be undertaken to assess progress on this reduction target, with an aim to achieve noticeable reductions over the next 2 years.
- Reviewing procurement controls annually to preference Climate Active carbon neutral products and services, such as:
 - Food and beverage
 - Professional services
 - Office supplies
- Continuing reducing the frequency of waste collection, recorded weekly and assessed on a quarterly basis.
- Encouraging employees to take public transport, cycle, scooter or walk to work.
- Over the next two years, increase staff awareness of the impact of their behaviour on our footprint, and fine-tune initiatives.
- Promote lower carbon food and beverage 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 second year with GreenPower electricity and achieved a 12.5% YoY reduction in use.
- Continued using private waste collection services that allowed us to increase recycling streams and separate paper/cardboard and organics from the general recycling and landfill. This allowed us to understand our waste streams more accurately and reduce our collections.
- Incorporated continuous staff training sessions on techniques to reduce carbon impact.
- Flexible work policy for staff to WFH to reduce commute emissions.
- Opting for video conferencing with clients & consultants where possible to reduce travel.

5. EMISSIONS SUMMARY

Emissions over time

		Emissions since base year	
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)
Base/Year 1:	FY2015–16	76	N/A
Year 2:	FY2016–17	73	N/A
Year 3:	FY2017–18	76	N/A
Year 4:	FY2018–19	40	N/A
Year 5:	FY2019–20	32	N/A
Year 6:	FY2020–21	47	N/A
Year 7:	FY2021–22	43	N/A
Year 8:	FY2022–23	47	50

Significant changes in emissions

Emission source name	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Detailed reason for change
Computer and technical services	2.2	4.7	Inclusion of previously excluded costs and recategorisation of costs

Use of Climate Active carbon neutral products, services, buildings or precincts

Certified brand name	Product/Service/Building/Precinct used
Opal Australian Paper (Reflex)	Paper Products

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 (t CO ₂ -e)
Accommodation and facilities	0.00	0.00	0.00	0.00
Cleaning and Chemicals	0.00	0.00	1.00	1.00
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Construction Materials and Services	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00
Food	0.00	0.00	2.31	2.31
Horticulture and Agriculture	0.00	0.00	0.00	0.00
ICT services and equipment	0.00	0.00	12.21	12.21
Machinery and vehicles	0.00	0.00	0.00	0.00
Office equipment & supplies	0.00	0.00	2.97	2.97
Postage, courier and freight	0.00	0.00	0.01	0.01
Products	0.00	0.00	0.00	0.00
Professional Services	0.00	0.00	13.83	13.83
Refrigerants	0.56	0.00	0.00	0.56
Roads and landscape	0.00	0.00	0.00	0.00
Stationary Energy (gaseous fuels)	0.00	0.00	0.00	0.00
Stationary Energy (liquid fuels)	0.00	0.00	0.00	0.00
Stationary Energy (solid fuels)	0.00	0.00	0.00	0.00
Transport (Air)	0.00	0.00	0.00	0.00
Transport (Land and Sea)	1.02	0.00	10.43	11.45
Waste	0.00	0.00	2.45	2.45
Water	0.00	0.00	0.11	0.11
Working from home	0.00	0.00	0.29	0.29
Total emissions	1.59	0.00	45.61	47.20

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions that cannot be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	tCO ₂ -e
Mandatory 5% uplift for small organisations	2.4
Total of all uplift factors	2.4
Total emissions footprint to offset <i>(total emissions from summary table + total of all uplift factors)</i>	49.6

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 49.5 t CO₂-e. The total number of eligible offsets used in this report is 50. Of the total eligible offsets used, 0 (zero) were previously banked and 50 were newly purchased and retired. 0 (Zero) are remaining and have been banked for future use.

Co-benefits

Improved Kitchen Regimes Manica Province Safe Water - Mozambique

The project developer, with local partner Village Water, is implementing a Safe Water Project in Manica Province which will install and rehabilitate broken boreholes to deliver safe water to rural communities. Manica Province, in western Mozambique is largely rural with many existing water sources in disrepair. Manica was amongst the most severely affected provinces by Cyclone Idai, with a number of rehabilitated boreholes and others within the province damaged or destroyed. Now more than ever, communities are at risk of collecting dirty water from unsafe sources far from their homes, and the installation and repair of safe water sources is key in the road to recovery.

SDG	Target	Indicators	Explain
SDG 3 – Good Health and Wellbeing	3.9 By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination	3.9.2 Mortality rate attributed to unsafe water, unsafe sanitation and lack of hygiene (exposure to unsafe Water, Sanitation and Hygiene for All (WASH) services)	By providing safe water from the water point, the project reduces the occurrence of water-borne diseases locally. This, in turn, is predicted to decrease the incidence of stomach related illnesses and diarrhoea associated with the consumption of water-borne diseases.
SDG 6 - Clean Water and Sanitation	6.1- By 2030, achieve universal and equitable access to safe and affordable drinking water for all	6.1.1- Proportion of population using safely managed drinking water services	The projects provide equitable access to clean affordable drinking water for all those local to the rehabilitated water points. Anyone is allowed to use the water point free of charge which will provide monitored safe drinking water for all.
SDG 5 - Gender Equality	5.4 Recognise and value unpaid care and domestic work through the provision of public services, infrastructure and social protection policies and the promotion of shared responsibility within the household and the family as nationally appropriate	5.4.1 Proportion of time spent on unpaid domestic and care work, by sex, age and location	Projects alleviate the strain of domestic work by providing safe water sources close to villages. It is predicted that time spent collecting firewood will be reduced through the removed need for wood fuel to boil water. As a result, the physical burden of collecting firewood is lessened.
SDG 13 - Climate Action	13.B Promote mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities	Total project emissions reductions	The projects will meet SDG 13 by realising a real reduction in CO ₂ e emissions. Furthermore, in pursuance of SDG 5 – Gender Equality, the projects will focus on women and youth. Water points are located in mainly remote rural areas and thus serve marginalised communities.

Eligible offsets retirement summary

Offsets retired 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 retired (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 (%)
(GS1247 – VPA 163) Improved Kitchen Regimes Manica Province Safe Water - Mozambique (GS7136)	VER	Gold Standard	30 Oct 2023	GS1-1-MZ-GS7136-16- 2022-24753-72-121	2022		50	0	0	50	100%
Total eligible offsets retired and used for this report										50	
Total eligible offsets retired this report and banked for use in future reports									0		
Type of offset units		Eligible quantity (used for this reporting period)					Percentage of total				
Verified Emissions Reductions (VERs)		50					100%				

<https://registry.goldstandard.org/credit-blocks/details/380587>

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A.

APPENDIX A: ADDITIONAL INFORMATION

N/A.

APPENDIX B: ELECTRICITY SUMMARY

There are two international best-practice methods for calculating electricity emissions – the location-based method and the market-based method. Reporting electricity emissions under both methods is called dual reporting.

Dual reporting of electricity emissions is useful, as it provides different perspectives of the emissions associated with a business's electricity usage.

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.

For this certification, electricity emissions have been set by using the **market-based approach**.

Market-based approach summary			
Market-based approach	Activity Data (kWh)	Emissions (kg CO 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)	0	0	0%
GreenPower	31,842	0	100%
Climate Active precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	0	0	0%
Precinct/Building jurisdictional renewables (LGCS surrendered)	0	0	0%
Electricity products (voluntary renewables)	0	0	0%
Electricity products (LRET)	0	0	0%
Electricity products jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	5,986	0	19%
Residual Electricity	-5,986	-5,717	0%
Total renewable electricity (grid + non grid)	37,828	0	119%
Total grid electricity	31,842	0	119%
Total electricity (grid + non grid)	31,842	0	119%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	-5,986	-5,717	
Scope 2	-5,287	-5,049	
Scope 3 (includes T&D emissions from consumption under operational control)	-700	-668	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	118.80%
Mandatory	18.80%
Voluntary	100.00%
Behind the meter	0.00%
Residual scope 2 emissions (t CO₂-e)	-5.05
Residual scope 3 emissions (t CO₂-e)	-0.67
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.00
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	0.00
Total emissions liability (t CO₂-e)	0.00

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

Location-based approach summary						
Location-based approach	Activity Data (kWh) total	Under operational control			Not under operational control	
Percentage of grid electricity consumption under operational control	100%	(kWh)	Scope 2 Emissions (kgCO ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)	(kWh)	Scope 3 Emissions (kgCO ₂ -e)
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	0	0	0	0	0	0
QLD	0	0	0	0	0	0
NT	0	0	0	0	0	0
WA	31,842	31,842	16,239	1,274	0	0
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	31,842	31,842	16,239	1,274	0	0
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	0	0		
QLD	0	0	0	0		
NT	0	0	0	0		
WA	0	0	0	0		
TAS	0	0	0	0		
Non-grid electricity (behind the meter)	0	0	0	0		
Total electricity (grid + non grid)	31,842					

Residual scope 2 emissions (t CO₂-e)	16.24
Residual scope 3 emissions (t CO₂-e)	1.27
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	16.24
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	1.27
Total emissions liability	17.51

Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO ₂ -e)
N/A	0	0
<i>Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their electricity product certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the electricity product under the market-based method is outlined as such in the market based summary table.</i>		

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following emissions sources have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. 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 FY2022 - 23.

Relevant non-quantified emission sources	Justification reason
N/A	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.

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to this organisation'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 FY2022 - 23.

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



An Australian Government Initiative

