

Carbon Neutral Program Public Disclosure Summary 1 July 2015 – 30 June 2016



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PRACTICE BACKGROUND

With_Architecture Studio has been operating in Perth, Western Australia for over 30 years. The practice’s work, which spans a wide variety of commissions across the disciplines of architecture, urban design, master planning, interior architecture and public art, has been regularly awarded and featured in national and international publications. Founded on a commitment to the value of ideas and their realization, With_Architecture Studio has grown in reputation to become one of the State’s most respected architectural studios.

In early 2017 With_Architecture Studio became the first architecture practice in Australia to be certified carbon neutral against the National Carbon Offset Standard after a three year process.

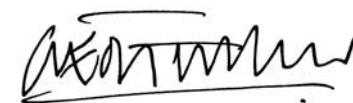


Our studio gallery featuring artwork by Jon Tarry

Declaration

To the best of my knowledge, the information provided in this Public Disclosure Summary is true and correct and meets the requirements of the National Carbon Offset Standard Carbon Neutral Program.

07 February 2017

A handwritten signature in black ink, appearing to read 'Geoff Warn', with a horizontal line underneath.

Geoff Warn
Director

Type of carbon neutral certification: Organisation

Verification

Date of most recent external verification/audit: 06 February 2017
Auditor: Benjamin Jenkins
Auditor assurance statement link:

Carbon Neutral Information

INTRODUCTION

With_Architecture Studio (previously Donaldson and Warn) was established in 1985 and today is a mid-sized design studio with around 20 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 Pool awards: the highest honour 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.

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 Studiio 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 monitor its resource consumption in 2014, tracking improvements and aiming to become Carbon Neutral in 2017. 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:

- National Carbon Offset Standard v3.0
- 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) and sulphur hexafluoride (SF6), were detected within the operational boundary. These have been expressed as carbon dioxide equivalents (CO2-e) using relative global warming potentials (GWPs).

EMISSION SOURCES WITHIN CERTIFICATION BOUNDARY

Quantified sources

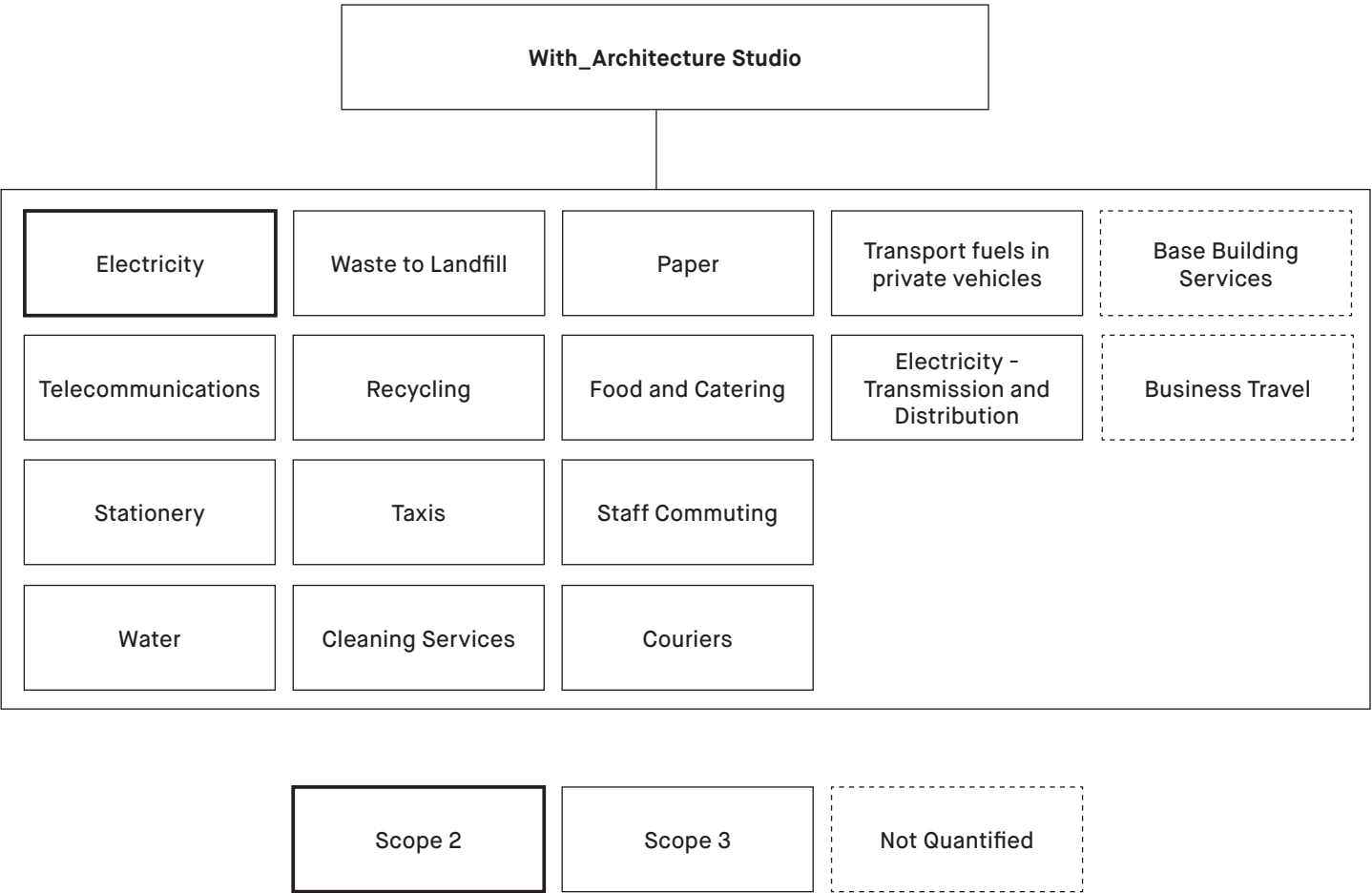
The following emission sources have been included within the carbon accounts for With_Architecture Studio:

- Electricity
- Telecommunications
- Water
- Paper
- Stationery
- Employee Commuting
- Transport Fuels
- Cleaning Services
- Food & Catering
- Couriers
- Taxis
- Waste to landfill
- Recycling

Non-quantified sources

- 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.
- Business travel – With_Architecture Studio staff do not undertake business travel in aircraft as part of their duties

DIAGRAM OF CERTIFICATION BOUNDARY



Emissions Reduction Measures

PART A. 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;
- Promoting our commitments to our partners, consultants and suppliers to encourage sustainable change within the industry above and beyond our own business
- 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.

PART B. EMISSIONS REDUCTION ACTIONS

The following actions have been introduced to our practice since 2014:

- A "turn off computer overnight and weekends" policy has been introduced
- We introduced a waste recycling policy in March 2016 to all staff to reduce landfill
- Staff is encouraged to print less, using digital mark-up programs and utilising tablets provided by the office to access drawings, pictures and other documents digitally
- A3 and A4 paper printed on one side is collected and reused for printing on the second side
- The points above have been included in our Introduction Manual for all new staff and are promoted to existing staff on a regular basis.
- The majority of our phased-out IT equipment has been donated to the Rotary Club initiative supporting the Friendship Hospital in Phnom Penn. A container with a large range of medical equipment from various Perth' hospitals has been shipped to Cambodia including our PC's and monitors. Tech Collect receives all other e-waste from With_Architecture Studio on a regular basis to be recycled.
- Toilet paper and paper tissues are supplied by "Who gives a crap". This paper is made of 100% recycled paper or fast growing bamboo or sugar cane fibres with a reduced carbon footprint compared to standard virgin products.
- Paperless billing has been set up for all our outgoing and most of our incoming invoices
- We foster a transparent approach to our sustainability efforts informing staff and management about our goals and achievements on a regular basis, engaging and encouraging commitment on all levels.

With_Architecture Studio moved to new premises in February 2017. The following measures have been undertaken to reduce emissions in the new office space:

- The workstation layout in our new studio maximises the use of natural daylight.
- All new light fittings are LED.
- A shower has been installed to encourage bike commuting to work.
- All new taps and shower head are water saving appliances
- A water-efficient water heater for shower and kitchen have been installed
- Timers for printers and photocopiers have been set-up to switch off at overnight.

Planned future actions:

- A 50 - 100% switch to green or solar energy is currently assessed.
- The implementation of smart master/slave power boards is planned for all computers to automatically switch off monitors when the PC tower is turned off.
- We are investigating to replace our current A4 and A3 paper brands with carbon neutral certified products.
- Staff and management will be further encouraged to save energy and resources and to use public transport, bike and feet to commute to work and for business travel.



TABLE 1. EMISSIONS SUMMARY

Scope	Emission source	t CO2-e
2	Purchased electricity – tenancy	27.0
3	Purchased electricity – transmission and distribution losses (tenancy)	2.6
3	Employee Commuting	13.6
3	Transport Fuel – Private Car Allowance	3.3
3	Telecommunications	3.9
3	Water	0.5
3	Office paper	0.8
3	Stationery	6.7
3	Cleaning Services	2.6
3	Food & Catering	4.0
3	Couriers	0.4
3	Taxis	0.4
3	Waste to landfill	9.1
3	Waste recycling	0.3
Total Gross Emissions		75.2
GreenPower or retired LGCs		0.0
Total Net Emissions		75.2

PART A. OFFSETS SUMMARY

TABLE 3. OFFSETS SUMMARY

Offset type and registry	Year retired	Quantity	Serial numbers
<div><ul style="list-style-type: none">• Gold Standard VER• Markit: https://mer.markit.com/br-reg/public/index.jsp?entity=retirement&sort=account_name&dir=ASC&start=0&acronym=&limit=15&name=22-2016-5606-817+to+892&standard-Id=&unitClass=NON_PIU</div>	2017	76	GS1-1-AU -GS3039-22-2016-5606-817 to 892
Total offsets retired			76
Net emissions			75.2t
Total offsets held in surplus for future years:			0

PART B. OFFSETS PURCHASING AND RETIREMENT STRATEGY

Our offsets are purchased and retired at the end of the reporting period.

PART C. OFFSET PROJECTS (CO-BENEFITS)

All offsets purchased and retired for the reporting period are Credits for the Yarra Yarra Biodiversity Reforestation Project in Western Australia. This project removes in total 1.257 million tons of carbon from the atmosphere in an area where over 90% of the bushland has been cleared. Further social and economic benefits include:

- Employment, including local Indigenous peoples and liaison with traditional owners
- Aboriginal heritage sites recognised and registered with the Department of Indigenous Affairs Registry
- Creating new industry in rural areas and expenditure with local businesses





