

National Carbon Offset Standard  
Carbon Neutral Program  
Public Disclosure Summary

**with\_**architecture  
**studio**



An Australian Government Initiative

With\_Architecture Studio

REPORTING PERIOD: 1 July 2018 – 30 June 2019

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.

Signature	
Carbon Neutral Manager	Jane Wetherall

Carbon neutral certification category	Organisation
Date of most recent external verification/audit	29 November 2019
Auditor	Benjamin Jenkins
Auditor assurance statement link	



**Australian Government**  
**Department of the Environment and Energy**

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## 1. Carbon neutral information

### 1A. Introduction

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 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 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. 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 for Organisations
- 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 (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O). No synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF<sub>6</sub>) or Nitrogen Trifluoride

(NF<sub>3</sub>) were detected within the operational boundary. These have been expressed as carbon dioxide equivalents (CO<sub>2</sub>-e) using relative global warming potentials (GWPs).

#### 1B. Emission sources within certification boundary

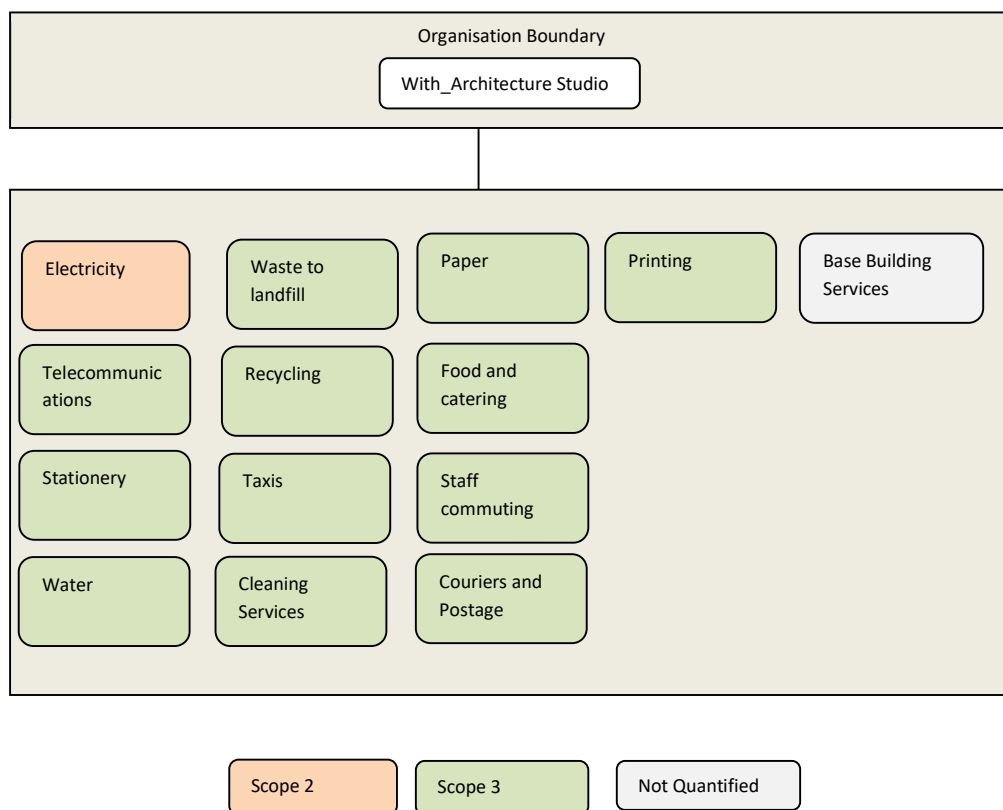
##### **Quantified sources**

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.

1C. Diagram of the certification boundaryDiagram of certification boundary

## 2. Emissions reduction measures

### 2A. Emissions over time

<b>Table 1. Emissions since base year</b>			
Base Year	FY 2016/17	FY 2017/18	FY 2018/19
Scope 1	0	0	0
Scope 2	23.5	18.9	18.4
Scope 3	49.0	56.2	33.7
Total	72.5 t CO <sub>2</sub> -e	75.1 t CO <sub>2</sub> -e	52.1 t CO <sub>2</sub> -e

### 2B. 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

### 2C. Emissions reduction actions

With\_Architecture's office is located in a Northbridge warehouse which was converted to host a new flexible and collaborative working space with the following emission reduction measures:

- 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
- A separate copy machine/printer has been allocated for recycled, single printed paper
- Staff training this year has targetted the use of apps to encourage paperless work practices
- Single-use coffee cups have been vetoed and staff provided with environmentally friendly reusable coffee cups

The data collected throughout Financial Year 2018 has shown that the move had a positive impact on With\_Studio's emission reduction efforts. In comparison to Financial Year 2017, the studio reduced its energy consumption by 20%. These benefits are still being experienced into Financial Year 2019.

With\_Architecture has experienced a reduction in overall emissions which can be explained through several means. Firstly the FTE of the office has reduced from 20 to 17 over this period reducing per head emissions as well as commuting emissions. Travel has been a focus with a reduction in air travel. The geographical location of Perth means flights going in and out of Perth generally have higher emissions due to the long distance to travel to the east coast of Australia or abroad. With\_architecture has been able to avoid all air travel for Financial Year 2019 therefore removing a prominent % of their emissions from Financial Year 2018.

However, staff commute remains the second highest contributor to With\_Studio's carbon footprint. This has even increased as more staff members use their car to commute to work with the new studio being further away from the main train station. To address and reduce emissions resulting from staff commute, the annual survey asking how staff get to work was extended into enquiring about the reasons why unsustainable transport methods like cars are being used and which measures or incentives staff would be willing to accept for switching to more sustainable types of transport. The results of the survey and resulting measures are currently assessed and are expected to be implemented in the second half of Financial Year 2019.

### 3. Emissions summary

<b>Table 1. Emissions Summary</b>		
Scope	Emission source	t CO <sub>2</sub> -e
2 & 3	Purchased electricity	19.8
3	Employee Commuting	11.8
3	Transport Fuel	0.9
3	Telecommunications	3.9
3	Water	0.5
3	Office paper	0.3
3	Stationery	1.8
3	Cleaning Services	1.0
3	Food & Catering	1.9
3	Couriers & Postage	0.4
3	Taxis	0.0
3	Postage	0.1
3	Waste to landfill	3.1
3	Waste recycling	0.4
Total Gross Emissions		52.1
GreenPower or retired LGCs		0.0
Total Net Emissions		52.1

## 4. Carbon offsets

### 4A. Offsets summary

<b>Table 3. Offsets Summary</b>			
Offset type and registry	Year retired	Quantity	Serial numbers
Redd Forests Grouped Project: Protection of Tasmanian Native Forest  VCU  <a href="https://vcsregistry2.apx.com/myModule/rpt/myrpt.asp?r=206&amp;h=23045">https://vcsregistry2.apx.com/myModule/rpt/myrpt.asp?r=206&amp;h=23045</a>	2013	53	3291-148259314-148259389-VCU-016-MER-AU-14-641-16042012-15042013-0
Total offsets retired			53
Net emissions			0
Total offsets held in surplus for future years:			23

### 4B. Offsets purchasing and retirement strategy

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

### 4C. Offset projects (Co-benefits)

#### Protection of Tasmanian Native Forest (4%)

The purpose and objective of this project is to protect native forest that will be logged in the absence of carbon finance. Protecting forests from timber harvesting reduces emissions caused by harvesting and maintains the forest carbon stock.