

Australian Government
Carbon Neutral Program
Public Disclosure Summary



An Australian Government Initiative

Pangolin Associates Pty Ltd

1 July 2018 – 30 June 2019

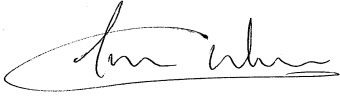


Australian Government
Department of the Environment and Energy

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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 	Date 24/10/19
Name of Signatory Christopher Wilson	
Position of Signatory Director	

Carbon neutral certification category	Organisation and Service
Date of most recent external verification/audit	25 October 2019
Auditor	Benjamin Jenkins – GPP Audit Pty Limited
Auditor assurance statement link	N/A

1. Carbon neutral information

1A. Introduction

Pangolin Associates was formed out of a concern for the affect human activity has on natural systems. Our primary business informs, educates and assists organisations in reducing resource dependency and lowering climate change and other associated environmental impacts.

We are an independent company with offices in Sydney, Adelaide and Brisbane as well as satellite locations in Melbourne and Perth, which are not staffed and are simply postal addresses. This certification covers all locations and operations that Pangolin is responsible for. In FY2017/18, we expanded our certification to cover our consulting, advisory and auditing services.

This inventory has been prepared based on the GHG Protocol and the NCOS for organisations.

All relevant and material Kyoto Protocol gases have been considered with all impacts deriving from carbon dioxide, methane and nitrous oxide. No synthetic gases form part of this inventory as refrigerant gas usage in base buildings have been excluded.

Based on an operational consolidation approach, the sites included are: Sydney, Adelaide and Brisbane.

1B. Emission sources within certification boundary

Quantified sources

The following emission sources have been included:

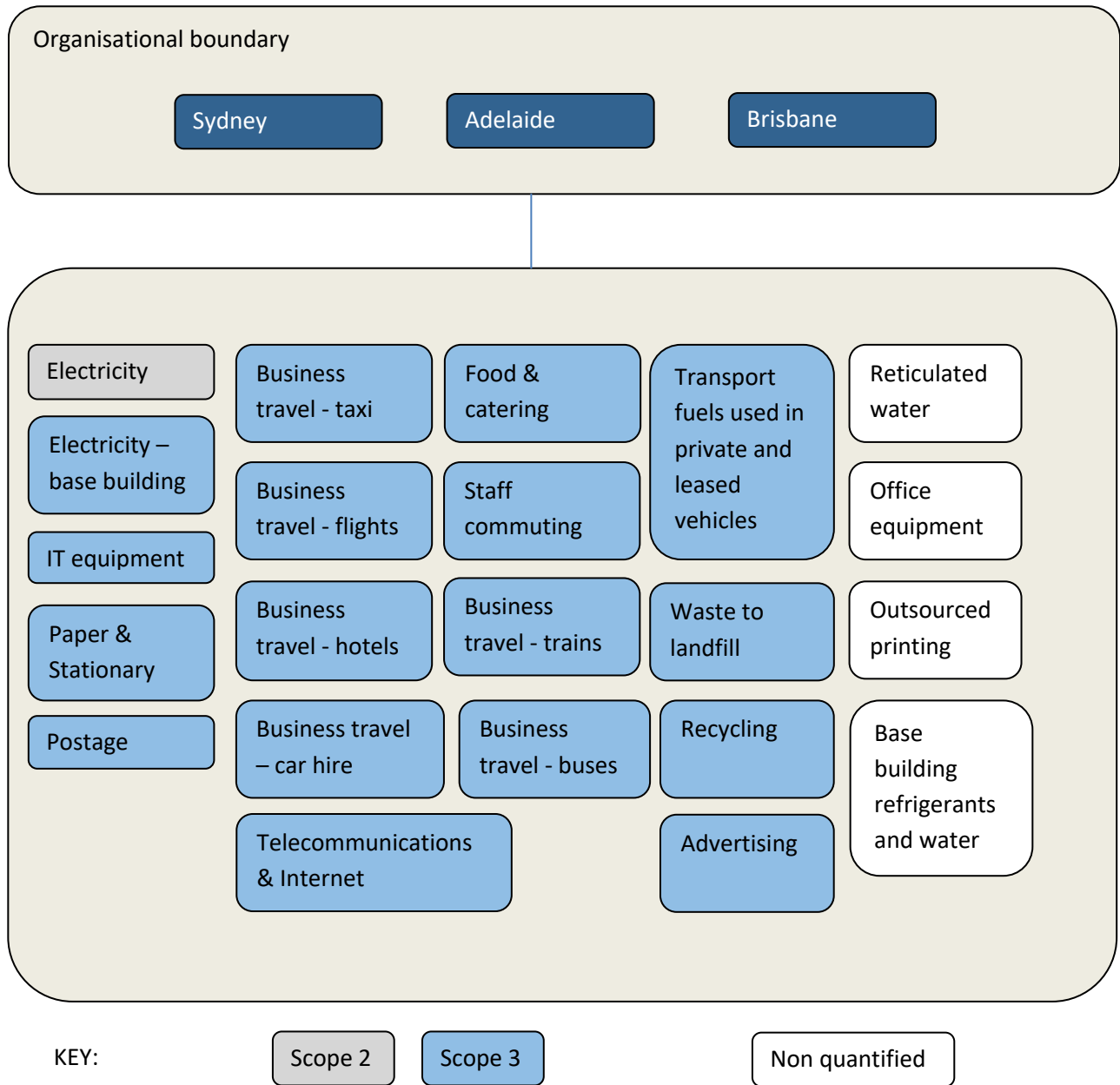
- Electricity
- Base building electricity
- Telecommunications
- Internet
- IT Equipment
- Paper
- Stationery
- Hire Cars
- Employee Commute
- Business Flights
- Transport Fuels
- Food & Catering
- Postage
- Hotel Accommodation
- Advertising
- Taxis
- Buses
- Trains
- Waste to landfill
- Recycling

Non-quantified sources

The following emission sources have not been quantified in line with the provisions in the NCOS. The impact of excluding these sources is not expected to materially affect the overall total emissions.

- Office equipment is not included because the information is difficult to gather relative to estimated size of emissions
- Reticulated water has been estimated based on default NABERS ratings and was found to be less than 1% of total emissions
- Outsourced Printing has been excluded as this is not a significant expenditure for the business and likely to be immaterial
- Refrigerant and water usage in base building chillers has not been estimated due to the difficulty of obtaining data and likely immaterial contribution of this emission source.

1C. Diagram of the certification boundary



Services boundary

Sydney

Adelaide

Brisbane

Electricity

Business
travel - taxi

Business
travel - trains

Transport
fuels used in
private and
leased
vehicles

Reticulated
water

Electricity –
base building

Business
travel - flights

Business
travel - buses

Office
equipment

IT equipment

Business
travel - hotels

Telecommunications
& Internet

Outsourced
printing

Paper &
Stationary

Business travel
– car hire

Base
building
refrigerants
and water

Postage

KEY:

Scope 2

Scope 3

Non quantified

2. Emissions reduction measures

2A. Emissions over time

Table 1. Emissions over time			
	Base Year: 2015-16	2017-18	2018-19
Scope 1 (tCO ₂ -e)	0.0	0.0	0.0
Scope 2 (tCO ₂ -e)	6.7	4.7	6.2
Scope 3 (tCO ₂ -e)	58.6	52.7	73.2
Total (tCO ₂ -e)	65.3	57.4	79.4
Total tCO ₂ -e per FTE	8.5	7.2	8.6

2B. Emissions reduction strategy

Pangolin'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;
- Encouraging our suppliers to reduce carbon impacts in our supply chain;
- Educating and engaging our staff and contractors to minimise their impacts both at work and at home.

2C. Emissions reduction actions

In partnership with the building owners, Pangolin Associates installed a 30kw solar PV array on the roof of the Adelaide office, resulting in a 16% reduction in grid-based power. We are currently discussing upgrades to the Sydney office base building to increase its energy efficiency. Two of the company directors have recently leased plug-in hybrid electric vehicles, reducing their impacts while commuting and driving to meetings.

3. Emissions summary

Table 2. Emissions Summary		
Scope	Emission source	tCO ₂ -e
2	Electricity	6.2
3	Electricity – transmission and distribution losses	1.0
3	Electricity (Base Building)	2.1
3	Telecommunications	2.3
3	IT Equipment	1.2
3	Paper	0.02
3	Stationery	0.3

Table 2. Emissions Summary		
Scope	Emission source	tCO ₂ -e
3	Hire Cars	1.8
3	Employee Commute	6.2
3	Business Flights	44.3
3	Transport fuel - Privately owned/controlled	2.9
3	Transport fuel - Rental/Leased	0.7
3	Food & Catering	3.1
3	Postage	2.2
3	Hotel Accommodation	4.2
3	Advertising	1.6
3	Taxis	0.2
3	Trains	3.2
3	Waste-landfill	0.5
3	Recycling	0.2
Total Gross Emissions		79.4
GreenPower or retired LGCs		-2.1
Total Net Emissions		77.3

Table 3: GHG Protocol emissions by gas type					
GHG Protocol (tCO ₂ -e/yr)	CO ₂	CH ₄	N ₂ O	Other	Gross Total
Scope 1	0.0	0.0	0.0	0.0	0.0
Scope 2	6.2	0.0	0.0	0.0	6.2
Scope 3	72.5	0.5	0.2	0.0	73.2
Credits	-2.1	0.0	0.0	0.0	-2.1
Total	76.6	0.5	0.2	0.0	77.3

4. Carbon offsets

4A. Offsets summary

Table 4. Offsets Summary						
Projects supported by offset purchase	Eligible offset units	Registry	Cancellation date	Serial numbers (including hyperlink to registry transaction record)	Vintage	Quantity
Brazilian Jari Amapa REDD+ Project	VCUs	APX	06 September 2019	5361-227845142-227845231-VCU-001-MER-BR-14-1115-15022013-14022014-0	2014	90
Total offsets cancelled						90
Net emissions after offsetting (tCO ₂ -e)						0
Surplus offsets retired						12

4B. Offsets purchasing and retirement strategy

Offsets are purchased and retired once reporting has been completed. Any surplus offsets are surrendered and not held in surplus for future years

4C. Offset projects (Co-benefits)

Project Name and Type: Brazilian Jari Amapa Reducing Emissions from Deforestation and Degredation Projecy

Project Story:

The Jari Amapá REDD+ Project is located in the Valley of Jari, in the state of Amapá. The Valley of Jari enacts a very important role as home for local communities, and as an ecological corridor connecting several Conservation Units. With a very rich biodiversity, its vegetation includes species of extreme ecological and social importance as a source of income and food. Despite the social and environmental importance of the Valley of Jari, this region is threatened by agriculture, cattle activities, human settlements as well as large infrastructure work. By protecting the forest cover the project helps to preserve the diversified fauna. It is also a key factor for the conservation and maintenance of water resources. Through capacity building and training interventions on farming production, management of forest resources, manufacturing and commercialization an increase in household income generation is expected.

5. Use of trade mark

Table 5. Trade mark register	
Where used	Logo type
Website homepage	Carbon Neutral Certified
A5 printed brochure	Certified Organisation
Business Cards	Carbon Neutral Certified
Proposal Document cover page	Carbon Neutral Certified
Capability Statement cover page	Carbon Neutral Certified
Environmental Social Statement cover page	Carbon Neutral Certified

6. Have you done more?

Certified B Corporation

Pangolin Associates is a founding Australian member of B Corp and proudly made the 2019 'B Corp Best for the World' list'.

B Corp certification is a rigorous assessment of social and environmental practices. This is a global, voluntary initiative promoting higher standards of accountability and transparency.

Our team assists other businesses to succeed with BCorp's environmental component. We help applicants with initial certification, and existing members achieve a higher score on reassessments.