

National Carbon Offset Standard Carbon Neutral Program Public Disclosure Summary

Pangolin
Associates 



An Australian Government Initiative

Pangolin Associates Pty Ltd
1 July 2017 – 30 June 2018



Australian Government
Department of the Environment


Page 1/8

Public Disclosure Summary documents are prepared by the submitting organisation. The material in Public Disclosure Summary documents represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Summary documents and disclaims liability for any loss arising from the use of the document for any purpose.

Template Version: 3 June 2015 v.5

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 25/10/2018
Name of Signatory Christopher Wilson	
Position of Signatory Director	

Carbon neutral certification category	Organisation
Date of most recent external verification/audit	13/09/2016
Auditor	Benjamin Jenkins
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.

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:

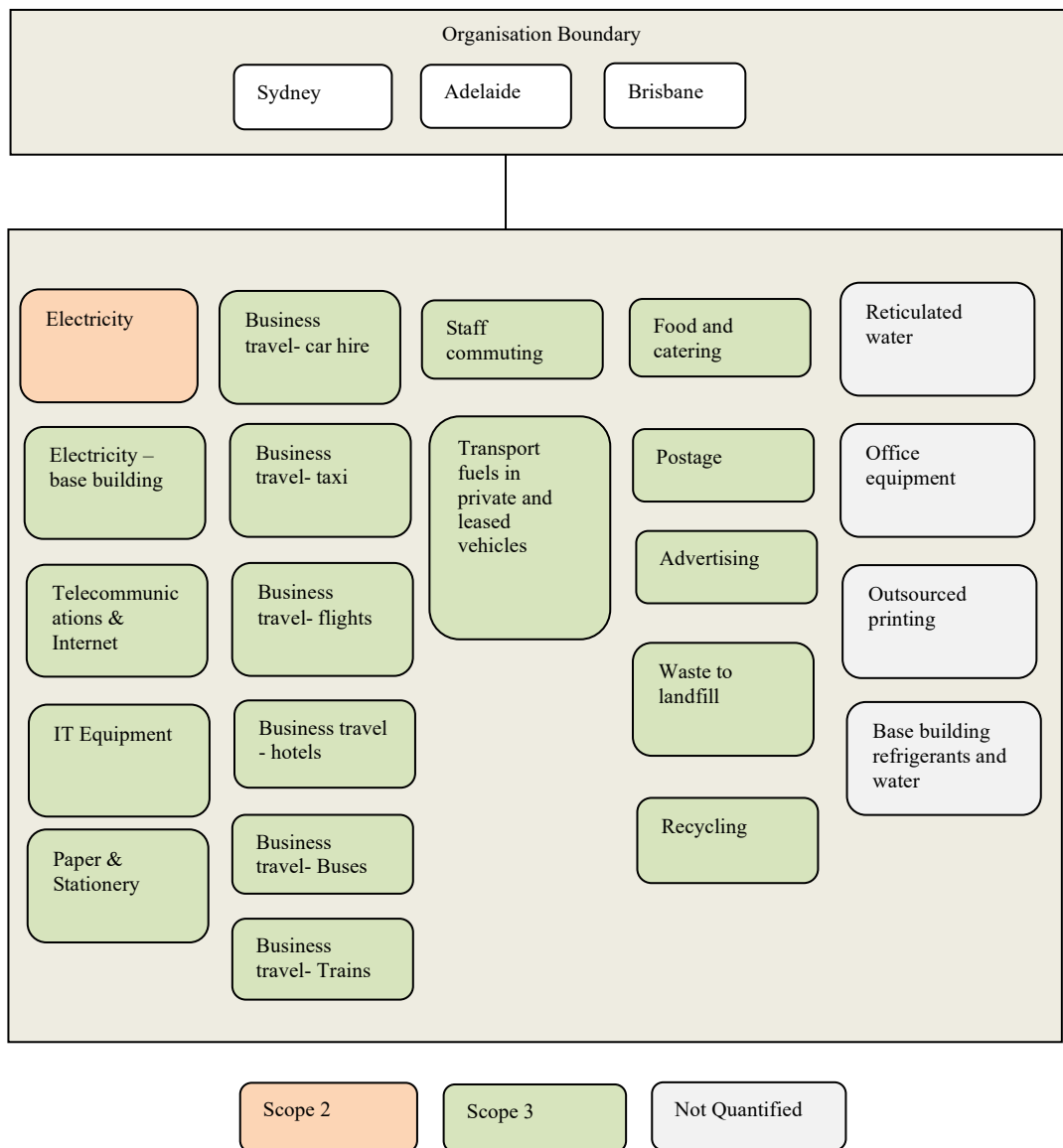
- Electricity
- Base building electricity
- Telecommunications
- Internet
- IT Equipment
- Paper
- Stationery
- Hire Cars
- Employee Commute
- Business Flights
- Transport Fuels
- Food & Catering
- Postage
- Hotel Accommodation
- Advertising
- Taxis
- Buses
- Trains
- Waste to landfill
- Recycling

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



2. Emissions reduction measures

2A. Emissions over time

Table 1. Emissions since base year			
Base Year	2015/16	2016/17	2017/18
Scope 1 (tCO ₂ -e)	0	0	0
Scope 2 (tCO ₂ -e)	6.7	4.5	4.7
Scope 3 (tCO ₂ -e)	58.6	93.7	52.7
Total (tCO ₂ -e)	65.3	98.2	57.4
Total tCO ₂ -e per FTE	8.5	12.3	7.2

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	4.7
3	Electricity	0.8
3	Electricity (Base Building)	2.1
3	Telecommunications	0.5
3	IT Equipment	1.5
3	Paper	0.0
3	Stationery	0.7
3	Hire Cars	1.0
3	Employee Commute	4.9
3	Business Flights	27.1
3	Transport fuel - Privately owned/controlled	2.9
3	Transport fuel - Rental/Leased	0.5
3	Food & Catering	2.7
3	Postage	0.2
3	Hotel Accommodation	3.0
3	Advertising	1.3
3	Taxis	0.2
3	Buses	0.2
3	Trains	2.5
3	Waste-landfill	0.5
3	Recycling	0.1
Total Gross Emissions		57.4
GreenPower or retired LGCs		N/A
Total Net Emissions		57.4
Proportion of Inventory Calculated with Input-Output Method		18.5%

GHG Protocol (tCO ₂ -e/yr)	CO ₂	CH ₄	N ₂ O	Gross Total
Scope 1	0.0	0.0	0.0	0.0
Scope 2	4.7	0.0	0.0	4.7
Scope 3	52.1	0.5	0.1	52.7
Total	56.8	0.5	0.1	57.4

4. Carbon offsets

4A. Offsets summary

Table 4. Offsets Summary			
Offset type and registry	Year retired	Quantity	Serial numbers
VCUs VCS Registry Brazilian Amazon REDD Project (https://vcsregistry2.apx.com/myModule/rpt/myrpt.asp?r=206&h=22829)	2018	89	3775-164743923-164744011-VCU-007-APX-BR-14-832-19072007-18072010-0
Total offset units retired			89
Net emissions after offsetting			-31.6
Total offsets held in surplus for future years:			0

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: Cikel Brazilian Amazon REDD APD Project Avoiding Planned Deforestation

Description: The CIKEL Brazilian Amazon REDD APD Project aims to avoid emissions from planned deforestation on a property in Paragominas Municipality, Para state, Brazil. The main activity of the CIKEL Brazilian Amazon REDD APD Project is the cancelation of the planned deforestation activities and decision to instead conserve the forest area and continue limited forest management activities in the area under Forest Stewardship Council® Certification (FSC®) with

Low Impact Logging (SFMLIL) practices. Also, the company is intensifying and improving its practices to support the sustainable social development, maintaining and improving the biodiversity monitoring at the RCC in the framework of FCS certification and REDD activities. The RCC property includes five forest areas: Rio Capim, Poty, Cauaxi, Sumal and Caculé, totaling 209,130.54 ha. The project area is a subset of the RCC property and covers an area of 27,434.9 ha of native forest. The project will avoid 9,432,299 tCO₂-e.

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 2018 '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.