

National Carbon Offset Standard Carbon Neutral Program Public Disclosure Summary




Pangolin Associates Pty Ltd

July 1 2015 – June 30 2016

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.

	13/09/2016
Christopher Wilson	
Director	

Type of carbon neutral certification: Organisation
Verification
Date of most recent external verification/audit: 13/09/2016
Auditor: Benjamin Jenkins
Auditor assurance statement link:



Australian Government
Department of the Environment

Page 1/7

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1. Carbon neutral information

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 standard.

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.

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

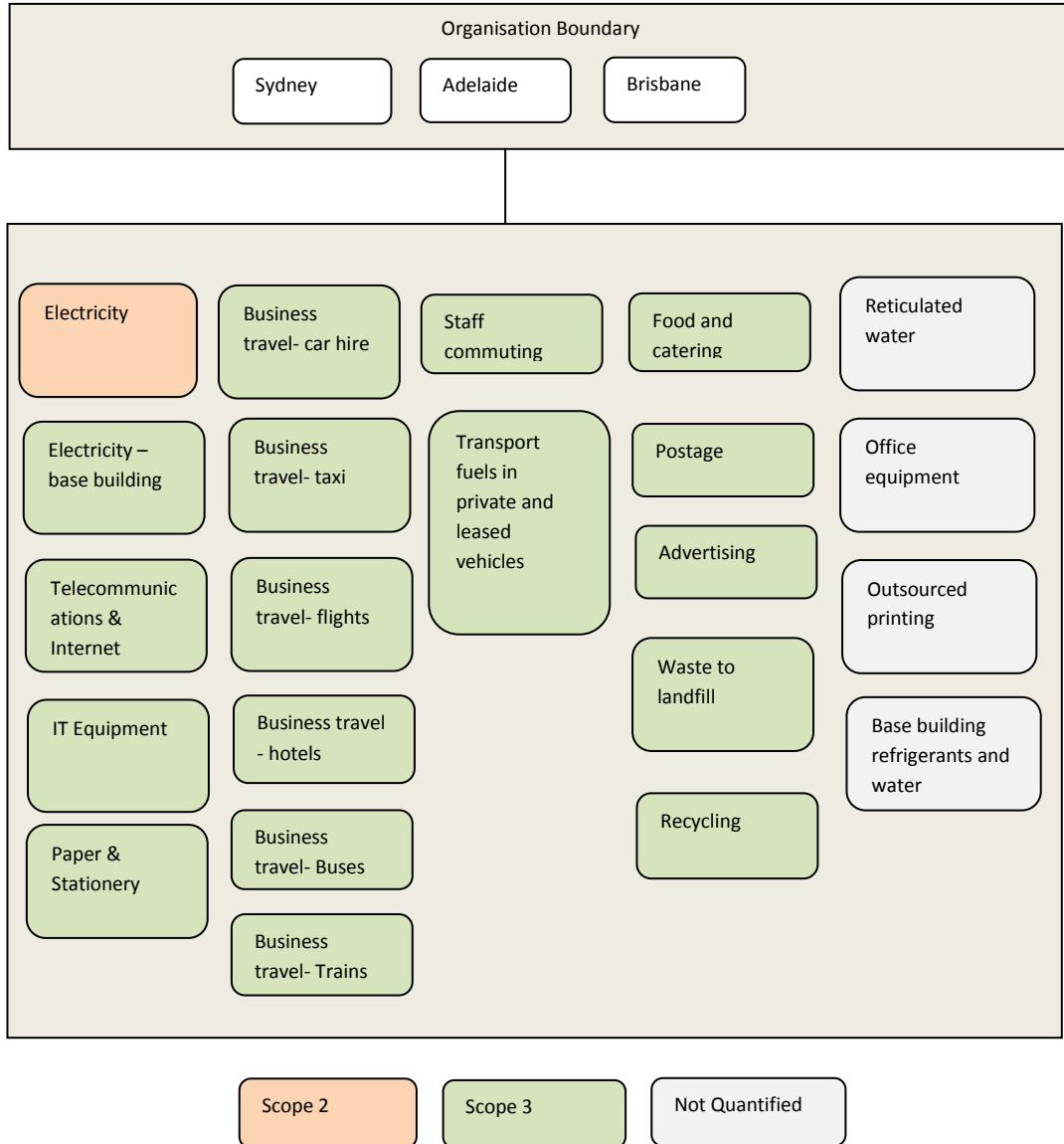
- Advertising
- Taxis
- Buses
- Trains
- Waste to landfill
- Recycling

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.

Diagram of certification boundary



2. Emissions reduction measures

Part B. 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.

Part C. 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	8.0
3	Electricity (Base Building)	2.1
3	Telecommunications	1.4
3	Internet	0.4
3	IT Equipment	2.1
3	Paper	0.0
3	Stationery	0.3
3	Hire Car	0.3
3	Employee Commute	4.9
3	Business Flights	27.6
3	Privately owned/controlled	4.2
3	Rental/Leased	0.1
3	Food & Catering	5.8
3	Postage	0.0
3	Hotel Accommodation	4.5
3	Advertising	2.1
3	Taxis	0.2
3	Buses	0.1
3	Trains	0.6
3	Waste-landfill	0.5
3	Recycling	0.1

Table 2. Emissions Summary		
Scope	Emission source	tCO ₂ -e
Total Gross Emissions		65.3
GreenPower or retired LGCs		N/A
Total Net Emissions		65.3
Proportion of Inventory Calculated with Input-Output Method		19.0%

4. Carbon offsets

Part A. Offsets summary

Table 3. Offsets Summary			
Offset type and registry	Year retired	Quantity	Serial numbers
<ul style="list-style-type: none"> VCU Verified Carbon Standard: https://vcsregistry2.apx.com/myModule/rpt/myrpt.asp?r=206&h=15267 	2016	51	3673-161017537-161017587-VCU-009-APX-IN-1-250-01012007-31122007-0
<ul style="list-style-type: none"> VCU Verified Carbon Standard: https://vcsregistry2.apx.com/myModule/rpt/myrpt.asp?r=206&h=15308 	2016	15	3673-161017588-161017602-VCU-009-APX-IN-1-250-01012007-31122007-0
Total offsets retired			66
Net emissions			0
Total offsets held in surplus for future years:			0

Part B. Offsets purchasing and retirement strategy

Offsets are partially purchased and retired during the reporting period and the remainder purchased once reporting has been completed.

Part C. Offset projects (Co-benefits)

The project activity is a grouped Wind power project in Tamil Nadu, India, co-ordinated by Tamil Nadu Spinning Mills Association (referred as TASMA-V1). The intent of the Project Activity is to meet the power requirements of small and medium textile mills using the electricity generated from the Wind Turbines and thus reduce GHG emission and promote sustainable development. The project is an unique effort (a similar project by the same PP is already registered as CDM project-ref no.0991 & one more project is under seeking registration with VCS-ref no.VCS135) to bring together a number of investors with small power requirements to invest into wind turbines. In the absence of the project activity, the equivalent amount of electricity would have been generated by the power plants connected with the southern grid that is predominantly based on fossil fuel.