

National Carbon Offset Standard Carbon Neutral Program Public Disclosure Summary



An Australian Government Initiative

COMPANY NAME: PricewaterhouseCoopers (PwC)

REPORTING PERIOD: 1 July 2016 – 30 June 2017 (FY17)

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.

A handwritten signature in blue ink, appearing to read 'Rosalie Wilkie'.

Rosalie Wilkie

Type of carbon neutral certification: Organisation

Verification Date of most recent external verification/audit: October 2016

Auditor: Ernst and Young

Auditor assurance statement link: [Non Audit Year](#)



Australian Government
Department of the Environment

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1. Carbon neutral information

1A. Introduction

PwC Australia helps organisations and individuals create value. Across our Consulting, Assurance and Financial Advisory lines of service, we offer a broad range of services that combine to provide our clients with a range of end-to-end solutions. From improving the structure of the Australian health system, to assuring the integrity of some of Australia's largest organisations, and helping corporations prepare a business case for sustainable operations – our teams bring a unique combination of knowledge and passion to addressing the risks and opportunities facing our community. PwC employs over 6,500 people in eight cities around Australia.

Entities included and consolidation method

PwC's reporting boundary has been defined in accordance with the National Greenhouse and Energy Reporting Act 2007 (NGER Act), and includes all offices in Australia occupied by PwC employees, located in Adelaide, Brisbane, Canberra, Melbourne, Newcastle, Perth, Sydney, Darwin and Townsville (which was sold off mid FY17). PwC has two offices located in Gold Coast and Northwest Sydney, neither of these offices hold permanent staff and are used as touchdown offices only. For the purposes of our boundary the GHG emissions from these offices are excluded as the impact is negligible, however we do include the Northwest electricity emissions in the inventory. PwC office space which is sublet to other entities is also excluded.

All emissions from PwC 'satellite' office in Gold Coast is excluded as there are no PwC staff permanently based at this location and greenhouse gas emissions are considered immaterial compared with PwC's total greenhouse gas emissions. Emissions from tenancy electricity at PwC 'satellite' office in Northwest Sydney are included as accurate and reliable data is available. All other emissions from the Northwest location are excluded as there are no PwC staff permanently based at this location and greenhouse gas emissions are considered immaterial compared with PwC's total greenhouse gas emissions.

PwC has excluded the reporting of water consumption in this report as it is negligible compared to overall emissions. This calculation falls under the materiality threshold.

Sources considered

PwC includes all direct (scope 1) and indirect energy (scope 2) emissions sources in its greenhouse gas emissions inventory. It also includes certain other indirect (scope 3) emissions sources that result from the operations of its business.

1B. Emission sources within certification boundary

Quantified sources included

PwC includes all direct (scope 1) and indirect energy (scope 2) emissions sources in its greenhouse gas emissions inventory. It also includes certain other indirect (scope 3) emissions sources that result from the operations of its business. These were determined based on the criteria listed for scope 3 emissions in the GHG Protocol and include the following:

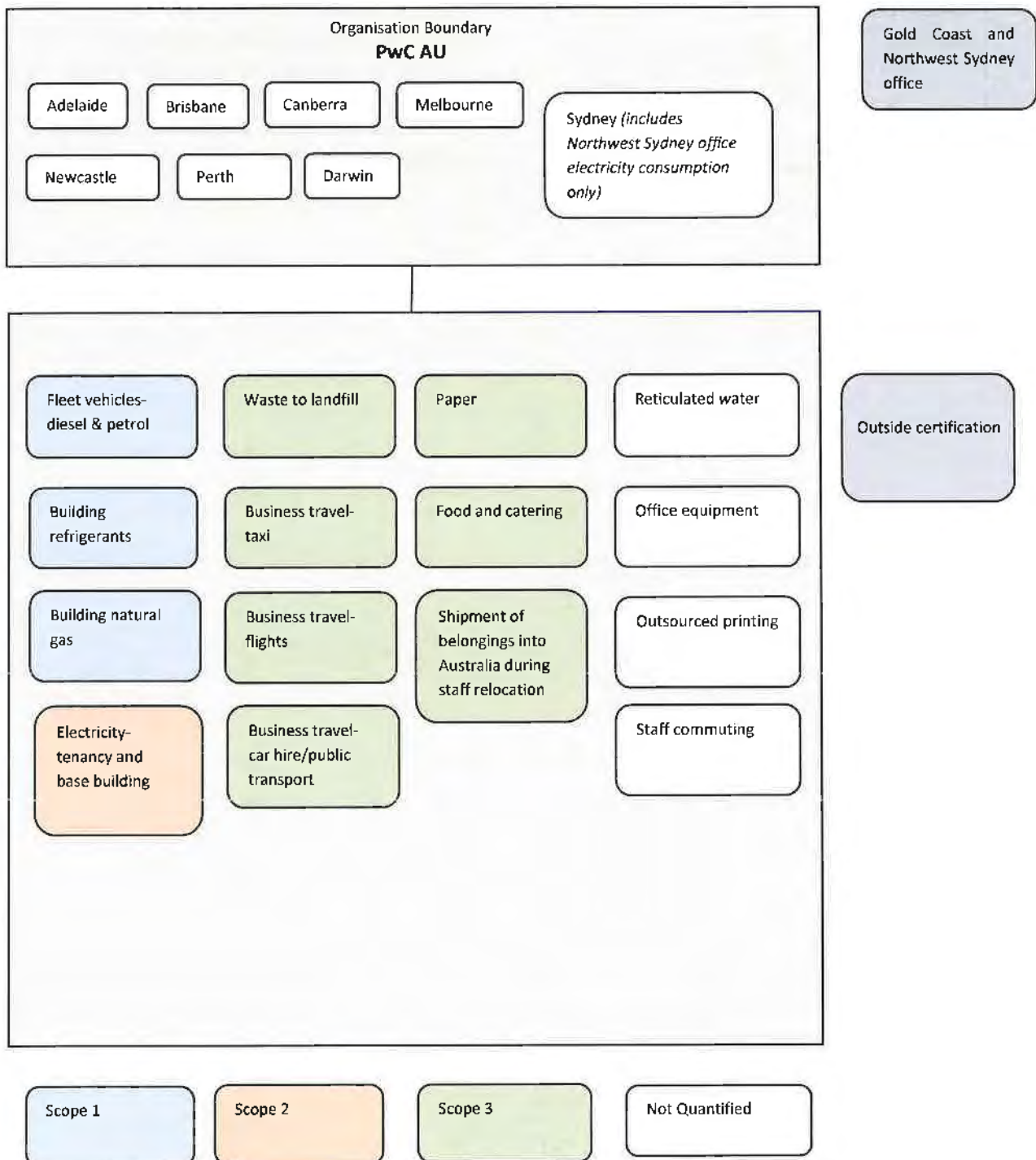
- Transport fuel
- Air travel
- Taxi travel
- Car travel to clients
- Car rentals
- Bus and train travel to clients
- Transportation of products sold (courier)
- Shipment of belongings into and around Australia during relocation
- Offsite Electricity
- Overnight accommodation
- External events, training and conferences
- Electricity consumed by PwC leased equipment offsite
- Base building
- Electricity consumption
- Natural gas consumption
- Diesel consumption
- Refrigerants released from air conditioning and refrigeration units
- Disposal of waste generated in operations sent to landfill
- Paper (including letterhead and notebooks)
- Generation of electricity that is consumed through transmission and distribution losses
- Wastewater treatment

Table 1: Non-quantified sources

Scope 3 Categories	Related PwC activity	Rationale for exclusion
Extraction and production of purchased materials and services	a) Purchase of the following materials: - office equipment and technology	These materials do not produce emissions when used but emissions are likely to occur during their production and manufacture. Relevant and comprehensive data for many materials are not yet available and therefore are not included.
	Food and beverages - other (e.g. gifts, uniforms, newspapers)	We will continue to review the adequacy of supporting data for other activities and consider annually whether to include additional activities within our GHG inventory.
	b) Purchase of the following services; - other professional services	Purchased services do not produce emissions when obtained but emissions are likely to occur during

	<p>(e.g. marketing, travel)</p> <ul style="list-style-type: none"> - telephone / internet services - external publishing / printing 	<p>their preparation and distribution. Relevant and comprehensive data for GHG emissions within these services are not yet available and therefore these activities have not been included.</p> <p>We will continue to review the adequacy of supporting data for other activities and consider annually whether to include additional activities within our GHG inventory.</p>
Transport Related	<p>a) Transportation of purchased products:</p> <ul style="list-style-type: none"> - office equipment and technology - paper (including paper stationery) - stationery (excluding paper stationery) - food and beverages other (e.g. gifts, uniforms, newspapers) 	<p>Most purchased products are delivered by a variety of different suppliers with limited visibility over the location of the warehouse and delivery distances. As there is limited relevant and comprehensive data available these have been excluded from the GHG inventory.</p> <p>We will continue to review the adequacy of supporting data for these activities and consider annually whether to include them within our GHG inventory.</p>
	<p>b) Employee commuting to and from work</p>	<p>Employee commuting has not been included in the GHG inventory. All PwC offices are located in the central business district of capital cities and are therefore very accessible for employees. Employee commuting is not considered to be within the GHG inventory. Employees are encouraged to determine emissions from commuting through the use of a personal carbon calculator, which also provides suggestions to reduce where possible.</p>
	<p>c) Transportation of waste</p>	<p>Collection of waste occurs at varying frequencies, with limited visibility over the number of collections and distance travelled to waste management facilities. As there is limited relevant and comprehensive data available these have been excluded from the GHG inventory.</p> <p>We will continue to review the adequacy of supporting data for these activities and consider annually whether to include them within our GHG inventory.</p>

Leased assets, franchises and outsources activities	b) Leased computers, photocopiers and printers	The electricity used while operating the leased laptops offsite is included in the GHG inventory (see section 3 (b)). The embodied GHG emissions within the leased equipment have not been included in the GHG inventory for the same reason as the purchased products (see section 1(a)).
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1C. Diagram1: Certification boundary

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2. Emissions reduction measures

2A. Emissions over time

Scope 3- changes

To align with PwC Global's environmental strategy, PwC AU has applied the DEFRA (Department for Environment, Food and Rural Affairs UK) emissions factors for business travel – air, with the uplifting factor and radiative forcing (RF) applied to all air travel emissions from FY15. RF incorporates the 8% distance uplift and a 90% increase in the conversion factor to account for the other climate change effects of aviation. It is recommended that the RF factor is applied in order to more fully account for the environmental impact of aviation.

Due to the change in emissions factors from FY14, there has been a significant increase in our total GHG emissions for air travel. The total air travel kilometres for FY 17 are 119,740,497 km compared to 96,453,021 km for FY16, a 24% increase in total air travel for FY16. This increase was primarily due to an increase in staff numbers as well as a biennial Partner Conference held in Singapore.

Table 2. Emissions since base year						
	Base Year (2008)	FY13	FY14	FY15	FY16	FY17
Scope 1	1,107	764	706	777	321	604
Scope 2	21,314	12,228	15,421	13,607	14,639	14,722
Scope 3	14,879	18,422	15,466	24,644*	26,477	31,064
Total	37,300	31,414	31,093	38,478	41,436	46,390

*Significant increase due to change in methodology due to application of updated air travel emissions factors which includes radiative forcing.

2B. Emissions reduction strategy

PwC has been measuring and reporting Greenhouse Gas emissions (GHG) since FY08 (baseline year- 1 July 2007 to 30 June 2008). In 2008 PwC publicly committed to reducing net GHG emissions by 25% between FY08 and FY12. In 2009 we exceeded that target and revised the target to 50% by FY12. Unfortunately we did not meet the 50% GHG reduction target in FY12. There have been no public targets for GHG reduction since FY13.

PwC has previously committed to targets for the purchase of renewable electricity for our tenancy electricity needs (33% in FY09, to 66% in FY10, to 100% in FY11 and FY12); this has been the main contributing factor to the significant reduction in GHG emissions. Despite our efforts to reduce our GHG emissions, we were only able to reach a 42% reduction target from

FY08 – FY12. Since FY13, PwC no longer purchases Large-scale Generation Certificates (LGCs) to offset our tenancy electricity emissions.

There have been no changes to PwC's GHG Inventory type during the period 1 July 2016 to 30 June 2017. The initiatives in Table 3 contributed to the reduction in Scope 1 & 2 GHG emissions from these sources in FY17 compared to the baseline year. The aim for FY18 is to continue the GHG reducing projects (listed in Table 3) which is expected contribute to a reduction of GHG emissions across all PwC premises and activities.

Detailed information, including statistics, location-specific guides, useful links and FAQs about these and other emissions sources are available to all staff via our Social Impact – Environment intranet page.

2C. Emissions reduction actions

Table 3. Emissions Reduction Measures			
Emission source	Reduction Measure	Scope	Status
Travel Emissions	Technology/infrastructure: Promotion of WebEx and internal video conferencing instead of long/short distance travelling.	3	Implemented in a past reporting period
Paper less offices	Since FY14 PwC has relocated 5 out of 8 offices locations to more energy efficient offices. All offices are now activity based environments. "Follow-me-printing" was rolled out to all sites during FY14 period.	3	Implemented in a past reporting period
Energy efficiency in our offices	In FY17 2 of PwC's office locations (Melbourne and Sydney) will be relocating to new premises. They are 5 and 6 star Green Star rated respectively.	2	Implemented in February-March 2017

3. Emissions summary

Table 4. Emissions Summary		
Scope	Emission source	t CO ₂ -e
1	Natural Gas	169
1	Diesel	7
1	Synthetic Gas	428
2	Purchased electricity (tenancy)	10,323
2	Purchased electricity (base building)	4,400
3	Purchased electricity (tenancy)	1,390
3	Purchased electricity (base building)	617
3	Synthetic Gas	0
3	Natural Gas	0
3	Diesel	0
3	Transport fuel- air travel	22,789
3	Transport fuel- taxi	1,088
3	Transport fuel- car mileage	446
3	Transport fuel- other	312
3	Electricity (offsite)	2,594
3	Paper	123
3	Waste	959
3	Waste Water	746
Total Gross Emissions		46,390
GreenPower or retired LGCs		0
Total Net Emissions		46,390

4. Carbon offsets

4A. Offsets summary

PwC has purchased eligible Verified Emissions Reduction (VER), Verified Carbon Units (VCU) and Certified Emissions Reduction (CER) carbon offsets to offset FY17 total GHG emissions. The offsets are purchased in advance of the final GHG emissions figure has been calculated. An estimate is made based on the firm's GHG total emissions from the previous year. Once the GHG total emissions have been confirmed we then retire the prepurchased offsets.

FY17 total emissions are 46,390 tCO₂e. Total offsets purchased and retired for FY17 are 46,390 tCO₂e. Table 5 below outlines PwC's offsets for FY17.

Table 5. Offsets Summary			
Offset type and registry	Year retired	Quantity	Serial numbers
VCS1238	2013-2014	20,112	S140-214112352-214132463-VCU-050-APX-IN-4-1238-01012013-31122013-0
VCS 1238	2013-2014	4,000	5153-214427580-214431579-VCU-050-APX-IN-4-1238-01012014-31122014-0
VCS 1238	2013-2014	9,654	5137-214080315-214089968-VCU-050-APX-IN-4-1238-01012014-31122014-0
VCS 1238	2018	1,124	5667-254648250-254649373-VCU-048-MER-IN-4-1549-01012015-31122015-0
VCS 587	2013	2,500	3229-145738613-145741112-VCU-016-MER-AU-14-587-01032012-28022013-0
103000000001858	2014	7,978	G51-1-TR-G51072-12-2014-3570-485 to 8462
103000000001858	2018	1,022	G51-1-TR-G51072-12-2014-3570-9463 to 10484
Banked for FY18			
Total offsets retired			46,390
Net emissions			46,390
Total offsets held in surplus for future years:			0

4B. Offsets purchasing and retirement strategy

PwC purchase offsets based on an estimate of the prior year usage. The offsets are then retired once the final GHG inventory has been completed and signed off by PwC internal review team and the external audit review (every other year).

