



An Australian Government Initiative



Australian
Carbon Industry
Code of Conduct
FOUNDATION SIGNATORY



NATIONAL CARBON OFFSET STANDARD

PUBLIC DISCLOSURE SUMMARY

January to December 2018



www.co2australia.com.au

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	
Name of Signatory	Aaron Soanes
Position of Signatory	Chief Executive Officer
Carbon neutral certification category	Organisation
Date of most recent external verification/audit	18 July 2019
Auditor	Ben Jenkins 
Auditor assurance statement link	

1 ABOUT CO2 AUSTRALIA

Established in 2004, CO2 Australia is one of Australia's longest running developers and managers of carbon projects. We have pioneered the successful delivery of carbon market services in Australia and currently act as an Emissions Reduction Fund (ERF) agent on behalf of a range of large industrials, transport companies, government agencies, corporates and private landholders. We also manage the largest carbon forestry estate in Australia and have hands-on management responsibility for a series of major emissions reduction projects, expected to generate more than 10 million tonnes of carbon abatement into the Australian market, with our international project interests generating an additional five million tonnes under the Clean Development Mechanism.

CO2 Australia's key achievements to date include:

- ▶ First company to be accredited under the NSW Greenhouse Gas Abatement Scheme.
- ▶ First company to become an Accredited Abatement Provider under the Greenhouse Friendly™ program in relation to tree planting projects.
- ▶ First Australian Associate Member and a listed Offset Provider under the Chicago Climate Exchange.
- ▶ Establishment of over 30,000 ha of tree plantings for carbon project purposes.
- ▶ Successful registration of the first project under the Afforestation and Reforestation methodology under the Carbon Farming Initiative.
- ▶ First company to successfully generate Australian Carbon Credit Units (ACCUs).
- ▶ On behalf of Woodside, successfully delivered Australia's largest commercial emissions offset program based on dedicated forest carbon sink plantings.
- ▶ Registration to date of 37 ERF projects (as a project proponent or ERF agent) under various land sector methods that cover more than 300,000 hectares and are expected to generate over 10 million ACCUs across the life of the projects.
- ▶ Successful registration of the first projects sited on land within the conservation estate under the Human-Induced Regeneration and Environmental Plantings methodologies.
- ▶ First company to successfully register a project under the Plantation Forestry methodology in Australia.

Our roots are firmly planted in carbon projects and helping clients participate in, and benefit from, the ever-changing carbon market. But carbon is not all we do. We also have more than a decades' experience delivering biodiversity offsets under state and Commonwealth frameworks. We are one of the few companies that can offer end-to-end offset services, from the development of offset strategies right through to securing and managing the offset in perpetuity. To date, we have secured more than 90,000 hectares of new protected areas through offset projects, with more than 100,000 hectares in the pipeline.

2 CARBON NEUTRAL INFORMATION

2.1 INTRODUCTION

This inventory has been prepared for the 2018 calendar year. The operational boundary is the business activities of CO2 Australia. This includes our offices across Australia and project sites, including sites where ERF project activities are located (see Figure 1).

2.2 EMISSIONS SOURCES WITHIN CERTIFICATION BOUNDARY

2.2.1 Quantified sources

The following emission sources have been included:

- ▶ Transport fuels
- ▶ Electricity
- ▶ Electricity (base building)
- ▶ Employee commuting
- ▶ Business flights
- ▶ Telecommunications
- ▶ Water
- ▶ IT equipment
- ▶ Office paper
- ▶ Stationery
- ▶ Cleaning services
- ▶ Food and catering
- ▶ Postage and couriers
- ▶ Hotel accommodation
- ▶ Advertising
- ▶ Taxis
- ▶ Hire cars
- ▶ Clothing
- ▶ Office furniture
- ▶ Printing
- ▶ Contractors
- ▶ Fertiliser
- ▶ Seedlings
- ▶ Merchandising
- ▶ Waste – landfill and recycling
- ▶ Field Equipment (forestry equipment and pegs)

2.2.2 Excluded sources

The following emission sources have not been quantified in line with the provisions in the NCOS:

- ▶ Refrigerants

The impact of excluding these sources is not expected to materially affect the overall total emissions.

2.2.3 Diagram of the certification boundary

A diagram of the certification boundary is provided in Figure 1.

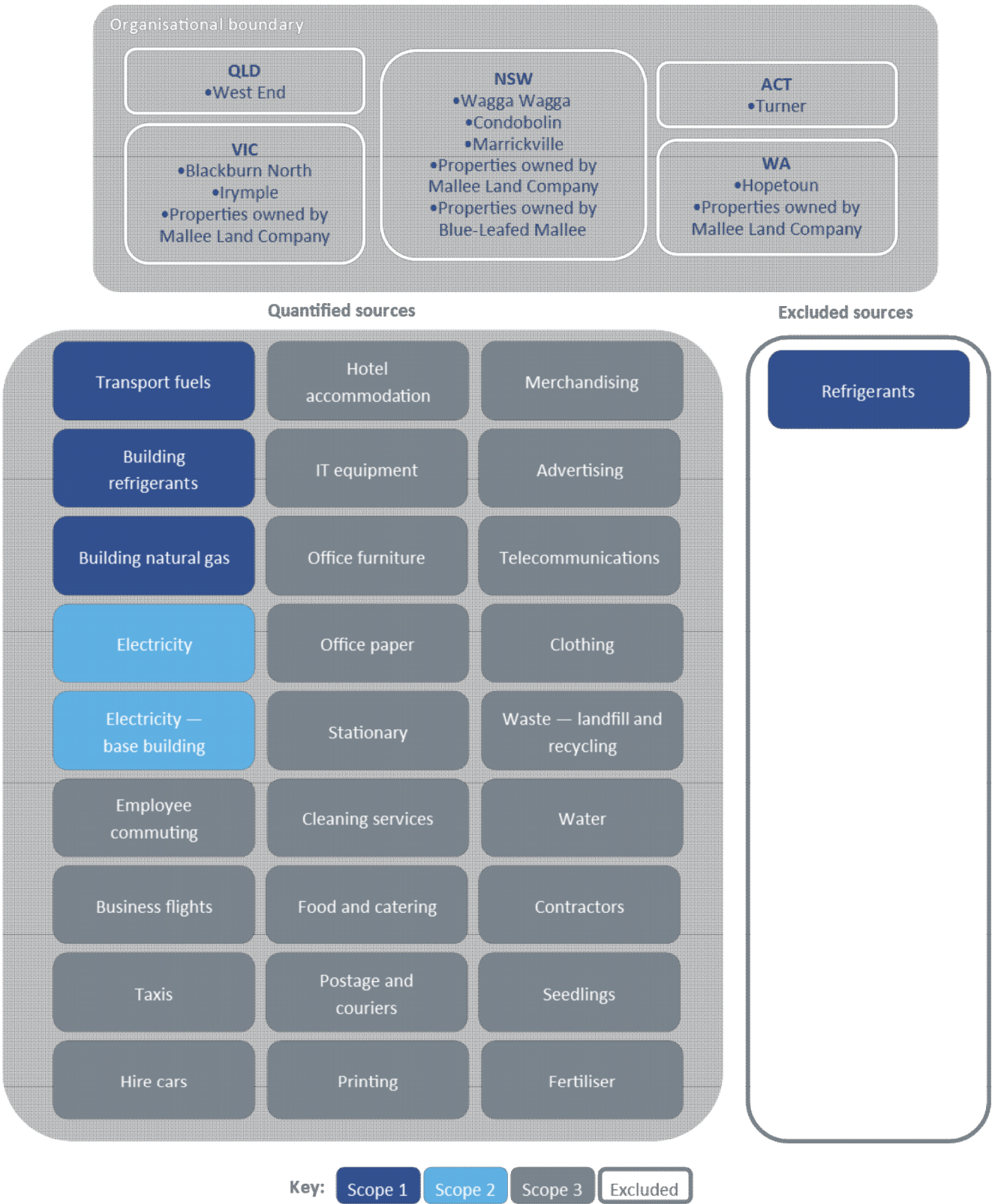


Figure 1: Certification boundary

3 EMISSIONS REDUCTION MEASURES

3.1 EMISSIONS REDUCTION STRATEGY

For CY2018, we have measured our carbon footprint for the first time in order to develop a quantitative emissions reduction target and a corresponding action plan (to be completed in 2019) with the aim of reducing our per employee emissions on a yearly basis.

3.2 EMISSIONS REDUCTION ACTIONS

As part of our journey towards carbon neutrality we have implemented a number of measures over the past few years to reduce our carbon footprint. These include:

- ▶ Facilitating flexible working arrangements with our staff so they can work remotely when required, reducing the need for commutes into our central offices and being able to go directly to sites without coming into our offices.
- ▶ Supporting staff who wish to ride a bike or walk to work by having facilities for showering at work and bike storage.
- ▶ Purchasing conferencing technology to reduce the need for travel for meetings.
- ▶ LED lighting replacements in our Brisbane office.
- ▶ Implementing waste sorting across our offices to ensure recycled waste does not contribute to landfill.
- ▶ Purchasing environmentally friendly, recycled and recyclable supplies wherever possible.
- ▶ Installing in-vehicle monitoring systems in our fleet vehicles which allows greater insight into fuel usage and implement emissions reduction measures such as reduced idling and more efficient routing.
- ▶ Default printing set to double sided, black and white for all of our photocopiers.
- ▶ Reducing our printing by using electronic signatures as much as possible.
- ▶ When flying attempting to maximise travel by coordinating several meetings for each trip as well as compiling multi-stop flights, when possible, to avoid numerous return flights.
- ▶ Turning off lighting and devices in the evenings and over weekends.
- ▶ Using keep cups in the office to minimise takeaway coffee cups.

The emissions reductions achieved through these measures will be quantified in future reports.

4 EMISSIONS SUMMARY

Table 1: Emissions summary

Scope	Emission source	t CO ₂ -e
2&3	Electricity	118.7
3	Electricity (Base Building)	67.5
3	Telecommunications	3.7
3	Water	0.5
3	IT Equipment	0.2
3	Office Paper	0.8

Scope	Emission source	t CO ₂ -e
3	Fertiliser	13.3
3	Stationery	0.5
3	Seedlings	230.2
3	Pegs (wooden)	0.2
3	Forestry equipment	0.1
3	Motor Vehicle Hire	17.2
3	Merchandising	1.0
3	Clothing	0.2
3	Office Furniture	0.1
3	Employee Commute	25.0
3	Business Flights	81.8
1&3	Fuel for Rental/Leased Vehicles	281.3
3	Cleaning Services	1.7
3	Postage	5.5
3	Couriers	21.0
3	Printing	2.0
3	Accommodation – Domestic	40.1
3	Advertising	0.1
3	Taxis	0.4
3	Contractors	167.3
3	Bakery	0.4
3	Fruit and Vege	0.1
3	Other Foods	0.5
3	Drink – Soft Drink	0.0 (immaterial)
3	Waste Landfill	0.8
3	Waste – Recycling	0.8
Total Gross Emissions		1083.1
GreenPower or retired LGCs		-
Total Net Emissions		1083.1

5 CARBON OFFSETS

5.1 OFFSETS SUMMARY

Table 2: Offsets summary

Retirement Date	Offset project, unit type, registry	Serial Numbers	Vintage	Quantity
July 2019	NKACCU, EOP101262	3,746,964,846 - 3,746,964,846	2015-2016	1
July 2019	NKACCU, EOP101262	3,746,964,847 - 3,746,964,918	2015-2016	72

Retirement Date	Offset project, unit type, registry	Serial Numbers	Vintage	Quantity
July 2019	KACCU, EOP100985	3,783,048,808 - 3,783,049,341	2018-2019	534
July 2019	KACCU, EOP100985	3,769,380,472 - 3,769,380,948	2018-2019	477
Total offset units retired				1084
Net emissions after offsetting				
Total offsets held in surplus for future years				0

5.2 OFFSETS PURCHASING AND RETIREMENT STRATEGY

Offsets are purchased and retired in arrears at the end of the reporting period. Any remaining offsets will be used in the following year's in order to maintain certification.

5.3 OFFSET PROJECTS (CO-BENEFITS)

5.3.1 Carbon Estate - Creating a Better Climate - Stage 2

In one of the first projects of its kind, CO2 Australia worked with the NSW Aboriginal Land Council (NSWALC) to revegetate hundreds of hectares of degraded agricultural land on its Barooga Karrai property, some 60 kilometres west of Condobolin. Tree species were selected for drought, disease and fire tolerance and successfully integrated into existing farming operations by planting trees in belts through cropping paddocks. In addition to the biodiversity benefits, agricultural benefits have been realised with tree belts protecting crops from drying winds and keeping groundwater levels low, reducing the risk of land salinisation. Under a revenue sharing agreement, NSWALC receive a share of all ACCU sales.



In December 2017, CO2 Australia held a carbon measurement workshop in Barooga Karrai with local Aboriginal community members, including Skillset Land Works team members. The workshop was an initiative between CO2 Australia and the Murrin Bridge Local Aboriginal Land Council (MBLALC). Accompanying the group and assisting on the day were representatives from the MBLALC, Central West Family Support Group (CWFSG), Griffith Aboriginal Medical Service, Down the Track Project, and the Grass Roots Project. Following the success of the workshop, CO2 Australia subsequently contracted Skillset Workforce to assist with data collection for the property as well as other properties across the CO2 Australia carbon estate.

5.3.2 Myroolia Human-Induced Regeneration Project

Human-induced regeneration projects involve landholders implementing changes to land management practices which promote regeneration of the natural environment while improving productivity within the region. Forests are encouraged to regenerate from in-situ seed sources and are assisted by changes in management activities including; managing stocking rates, removal or reduction of forest suppression activities and controlling feral animal populations. These carbon projects also provide environmental and economic benefits for local landholders where a non-traditional income stream helps to ensure sustainability of grazing operations.

5.3.3 West Arnhem Land Fire Abatement Project

The West Arnhem Land Fire Abatement (WALFA) project was the first Savanna Fire Management project using traditional fire management practices together with scientific knowledge and research to better control the

extent and severity of savanna wildfires and thereby reducing greenhouse gas emissions. Indigenous fire managers and their partners in Arnhem Land have successfully reinstated customary burning practices producing significant social, cultural, environmental and economic benefits for Indigenous landowners. The purchase of ACCUs from this project supports Aboriginal people in returning to, remaining on and managing their country, the protection of biodiversity, the preservation and transfer of knowledge, the maintenance of Aboriginal languages and the wellbeing of traditional custodians.

6 TRADEMARK USAGE

Table 3: Trademark register

Where used	Logo type
Website	Certified organisation
Business cards and stationery	Certified organisation
Marketing materials	Certified organisation
Email signature	Certified organisation
Documentation	Certified organisation
Reports	Certified organisation
Social media	Certified organisation

7 OTHER ACTIONS

We are a Foundation Signatory to the Australian Carbon Industry Code of Conduct. Administered by the Carbon Market Institute, the Carbon Industry Code of Conduct aims to address issues that impact on the reputation of the carbon industry and promote international leadership on carbon project development. As a Foundation Signatory, we are making clear our commitment to be a business operating to best-practice standards of integrity, transparency and accountability.