



PUBLIC DISCLOSURE STATEMENT

PHARMOUT PTY LTD

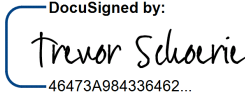
**ORGANISATION CERTIFICATION
FY2020–21**

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	PharmOut Pty Ltd
REPORTING PERIOD	1 July 2020 – 30 June 2021 Arrears report
DECLARATION	<p><i>To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.</i></p> <p>DocuSigned by:  46473A984336462...</p> <hr/> <p>Trevor Schoerie Managing Director Date: 24-Oct-2022 2:14 PM AEDT</p>



Australian Government
**Department of Industry, Science,
Energy and Resources**

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Version September 2021. To be used for FY20/21 reporting onwards.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	142 tCO ₂ -e
OFFSETS BOUGHT	100% ACCUs
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT	Date: 28 February 2022 Name: Ada Cinaglia Organisation: Resource Intelligence Pty Limited Next technical assessment due: FY2024
THIRD PARTY VALIDATION	Initial report: Type 1: Organisation Verification Date: 28 July 2022 Name: Benjamin Jenkins, Director Organisation: GPP Audit Pty Limited

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2. CARBON NEUTRAL INFORMATION

Description of certification

This medium organisation certification includes the Australian operations of PharmOut Pty Ltd, ABN 85 117 673 766 (PharmOut). The emissions inventory includes all of PharmOut's activities and operations up to a client's site.

The emissions inventory within this public disclosure statement covers the period 1 July 2020 to 30 June 2021. It has been developed in accordance with the Climate Active Carbon Neutral Standard for Organisations.

Organisation description

PharmOut Pty Ltd (ACN 117 673 766) is a professional consultancy specialising in supporting the pharmaceutical, cosmetics, medical devices, and veterinary manufacturing industries. Our clients are household names such as Pfizer, Astra Zeneca, CSL, Cochlear and many, many more.

PharmOut has an office located in Burwood East Melbourne with virtual offices in Sydney, Perth, Brisbane, Adelaide, Hong Kong, New Zealand and South Africa.

From providing technical services such as Architecture, Engineering, Compliance, Training and Validation, PharmOut has been acutely aware of the need to reduce our own and our clients' carbon footprints, and our project experience has engendered a sense of responsibility within our organisation, through the realisation that we can, at least in part, make an (albeit small) difference through our operations.

Since 2016, PharmOut has been the leading Australian consultancy to the Green Rush, i.e. the Medicinal Cannabis industry, but it's hardly considered a "green" industry - if grown indoors, as most crops are in North America, the industry spends approximately US\$6bn per year on electricity.

Since 2017, we have been offering educational courses on sustainability to the wider industry, as the recognition of the importance of the reduction of emissions has become inherent within the signature of our practices. Becoming a carbon neutral consultancy is both a mechanism to meet what we deem to be our obligation, but also as a means to continue to support the projected sensibility of the lifecycle of our operations.

"At PharmOut we believe we should walk our talk.

As quality consultants we are ISO9001 certified.

As designers of low carbon facilities, we need plans to reduce our carbon footprint!"

Since inception in 2006, PharmOut has always been a resource conscious firm. We have been a paperless business for well over a decade, we design power-efficient facilities and have also developed innovative energy efficient cultivation systems for the cannabis industry. The next step was to concentrate on how we could help to make a bigger difference - to help to make the world a better place.

3.EMISSIONS BOUNDARY

This is a medium organisation certification.

Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

Quantified emissions have been assessed as relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

Non-quantified emissions have been assessed as relevant and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

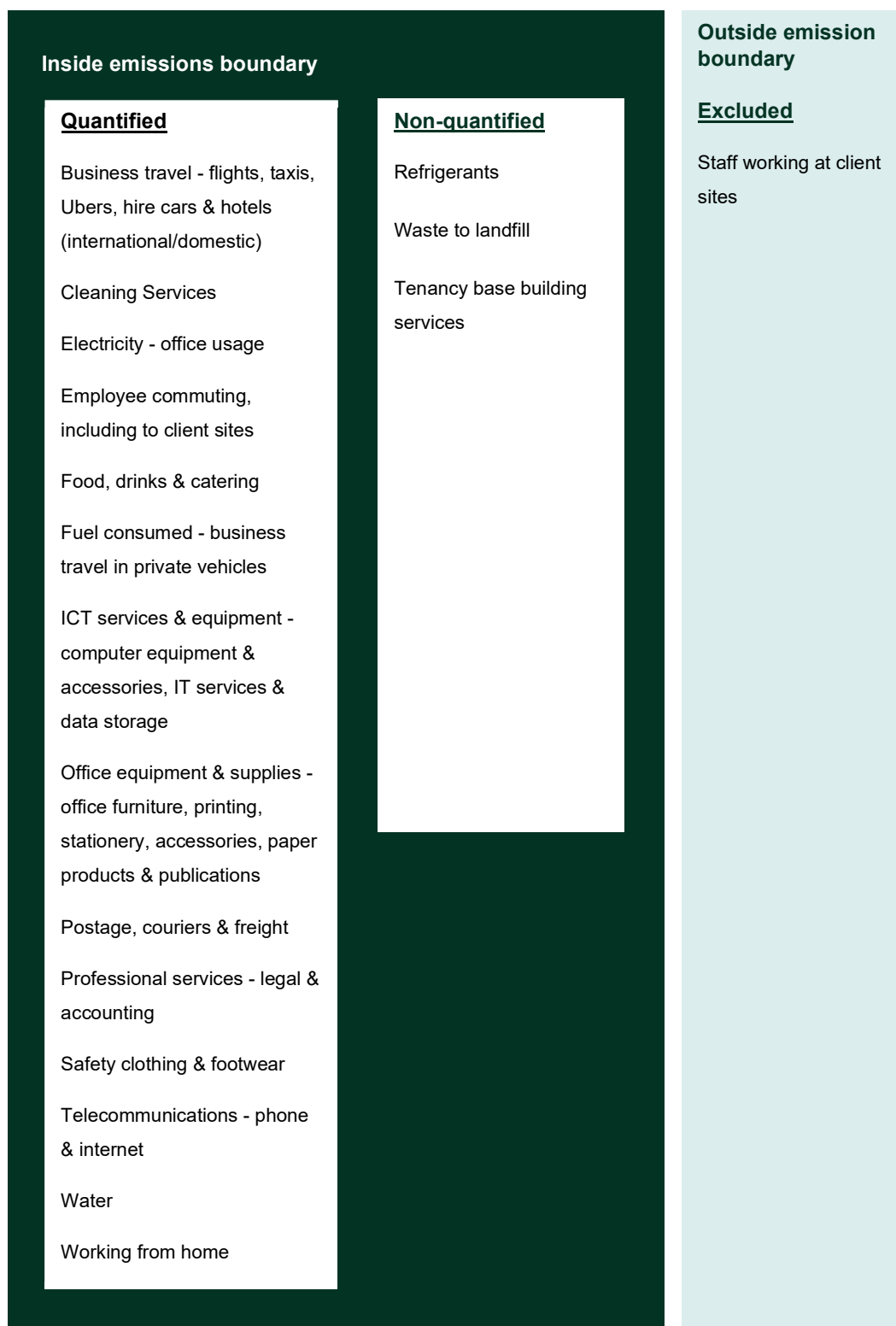
Outside the emissions boundary

Excluded emissions are those that have been assessed as not relevant to an organisation's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.

The emissions boundary does not include emissions associated with PharmOut personnel working at a client's site. In most circumstances PharmOut personnel are engaged by clients as an internal resource or as a technical consultant for a specific project. As part of that engagement PharmOut as an organisation does not have any operational control over the operations at a client's site or potential emissions and associated emissions reduction strategies. The PharmOut emissions boundary does include staff commuting to client sites.

Diagram of the certification boundary

The emission sources in the boundary diagram below are as per the emissions categories in the emission summary table.



Data management plan for non-quantified sources

Whilst the items listed as non-quantified in Appendix C are considered to be immaterial, PharmOut will implement the data management plan outlined in the following table for the FY21-22 reporting year. The purpose of the data management plan is to confirm whether the items listed are material (greater than 1%, or greater than 5% in aggregate) non-quantified emission sources.

Data Management Plan	Action	Due Date
Review non-quantified emission sources	Collect data for non-quantified emission sources listed in Appendix C and verify whether the emissions for FY22 are material and reportable as part of PharmOut's reporting boundary	30 June 2023.

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

The measurement of PharmOut's carbon footprint has highlighted key areas for improvement in PharmOut's operations which in turn will reduce carbon emissions associated with its operations.

To date PharmOut has recognised the impact of business travel on its carbon footprint and have implemented the following strategies to limit business travel:

- Conduct virtual rather than in-person training for all personnel.
- Reduce the number of personnel attending conferences by sending one nominee rather than multiple nominees.
- Conduct client audits via virtual links, where appropriate and allowed under external regulatory obligations.
- Build digital models for clients to walk through, reducing physical build and rebuild.

PharmOut is in the process of developing its emissions reduction strategy and will provide a detailed plan in the next report.

5. EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

PharmOut Pty Ltd did not use any Climate Active carbon neutral products or services in this reporting period.

Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a location-based approach.

Emission category	Sum of Scope 1 (tCO ₂ -e)	Sum of Scope 2 (tCO ₂ -e)	Sum of Scope 3 (tCO ₂ -e)	Sum of total emissions (tCO ₂ -e)
Accommodation and facilities	0.00	0.00	6.75	6.75
Air Transport (km)	0.00	0.00	4.57	4.57
Cleaning and Chemicals	0.00	0.00	0.52	0.52
Construction Materials and Services	0.00	0.00	0.49	0.49
Electricity	0.00	19.20	0.00	19.20
Food	0.00	0.00	1.26	1.26
ICT services and equipment	0.00	0.00	12.57	12.57
Land and Sea Transport (fuel)	11.63	0.00	0.62	12.25
Land and Sea Transport (km)	0.00	0.00	18.75	18.75
Office equipment & supplies	0.00	0.00	10.57	10.57
Postage, courier and freight	0.00	0.00	2.90	2.90
Products	0.00	0.00	0.12	0.12
Professional Services	0.00	0.00	46.27	46.27
Water	0.00	0.00	1.78	1.78
Working from home	0.00	0.00	-3.08	-3.08
Grand Total	12	19	104	135

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	tCO ₂ -e
5% uplift applied for Refrigerants, Waste to landfill & Tenancy base building services where data was not able to be captured for this report	7
<i>Total footprint to offset (uplift factors + net emissions)</i>	142

6. CARBON OFFSETS

Offsets strategy

Offset purchasing strategy: In arrears	
1. Total offsets previously forward purchased and banked for this report	0
2. Total emissions liability to offset for this report	142
3. Net offset balance for this reporting period	142
4. Total offsets to be forward purchased to offset the next reporting period	0
5. Total offsets required for this report	142

Co-benefits

The Wollert Landfill Gas Project generates carbon credits as part of the Carbon Farming Initiative for Electricity Generation from Landfill Gas Methodology. The project captures and combusts gas generated at the landfill from legacy and non-legacy waste and produces electricity from an on-site power station. The electricity is then fed back into the grid. The site also uses solar panels to help power the landfill gas fired station and enable additional renewable electricity to be exported to the grid. The facility was commissioned in 2006 and has an installed capacity of 7.7MW, plus an additional 0.15MW solar PV system.

Offsets summary

Proof of cancellation of offset units

Offsets cancelled for Climate Active Carbon Neutral Certification										
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible quantity (tCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
Wollert Landfill Gas Project (EOP100098)	ACCU	ANREU	18 August 2022	3,779,634,904 – 3,779,635,045	2018-19	142	0	0	142	100%
Total offsets retired this report and used in this report									142	
Total offsets retired this report and banked for future reports								0		
Type of offset units				Quantity (used for this reporting period claim)			Percentage of total			
Australian Carbon Credit Units (ACCU)				142			100%			

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

Not applicable

APPENDIX A: ADDITIONAL INFORMATION

Not applicable

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a location-based approach.

Market-based method

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

Location-based method

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

Market-based approach summary

Market-based approach	Activity data (kWh)	Emissions (kgCO ₂ -e)	Renewable % of total
Behind the meter consumption of electricity generated	0	0	0
Total non-grid electricity	0	0	0
LGC purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0
GreenPower	0	0	0
Jurisdictional renewables (LGCs retired)	0	0	0
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0
Large Scale Renewable Energy Target (applied to grid electricity only)	3,334	0	19%
Residual electricity	14,284	15,328	0%
Total grid electricity	17,618	15,328	19%
Total electricity consumed (grid + non grid)	17,618	15,328	19%
Electricity renewables	3,334	0	
Residual electricity	14,284	15,328	
Exported on-site generated electricity	0	0	
Emission footprint (kgCO ₂ -e)	3,334	0	

Total renewables (grid and non-grid)	18.93%
Mandatory	18.93%
Voluntary	0.00%
Behind the meter	0.00%
Residual electricity emission footprint (tCO₂-e)	15

Figures may not sum due to rounding. Renewable percentage can be above 100%.

Location-based approach summary

Location-based approach	Activity data (kWh)	Emissions (kgCO ₂ -e)
ACT	0	0
NSW	0	0
SA	0	0
VIC	17,618	19,204
QLD	0	0
NT	0	0
WA	0	0
TAS	0	0
Grid electricity (scope 2 and 3)	17,618	19,204
ACT	0	0
NSW	0	0
SA	0	0
VIC	0	0
QLD	0	0
NT	0	0
WA	0	0
TAS	0	0
Non-grid electricity (behind the meter)	0	0
Total electricity consumed	17,618	19,204
Emission footprint (tCO₂-e)	19	

Climate Active carbon neutral electricity summary

Carbon neutral electricity offset by Climate Active product	Activity data (kWh)	Emissions (kgCO ₂ -e)
<i>Not applicable</i>	0	0

Climate Active carbon neutral electricity is not considered renewable electricity. The emissions have been offset by another Climate Active carbon neutral product certification.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable, but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

Relevant-non-quantified emission sources	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
Refrigerants	Yes	No	Yes (uplift applied & data plan in place)	No
Waste to landfill	Yes	No	Yes (uplift applied & data plan in place)	No
Tenancy base building electricity	Yes	No	Yes (uplift applied & data plan in place)	No

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Staff working at client sites	Yes	No	No	No	No	No



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