



PUBLIC DISCLOSURE STATEMENT

PHARMOUT PTY LTD

ORGANISATION CERTIFICATION

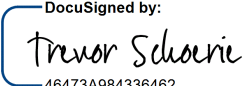
FY2021–22

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	PharmOut Pty Ltd
REPORTING PERIOD	1 July 2021 – 30 June 2022 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> <p>Trevor Schoerie Managing Director Date: 16-Jun-2023 1:25 PM AEST</p>



Australian Government
**Department of Climate Change, Energy,
the Environment and Water**

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Version March 2022.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	112 tCO ₂ -e
OFFSETS BOUGHT	100% VCU's
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 2021 to 30 June 2022. It has been developed in accordance with the Climate Active Carbon Neutral Standard for Organisations.

“At PharmOut we believe we should walk our talk.

As quality consultants we are ISO9001 certified.

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.

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.

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

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.

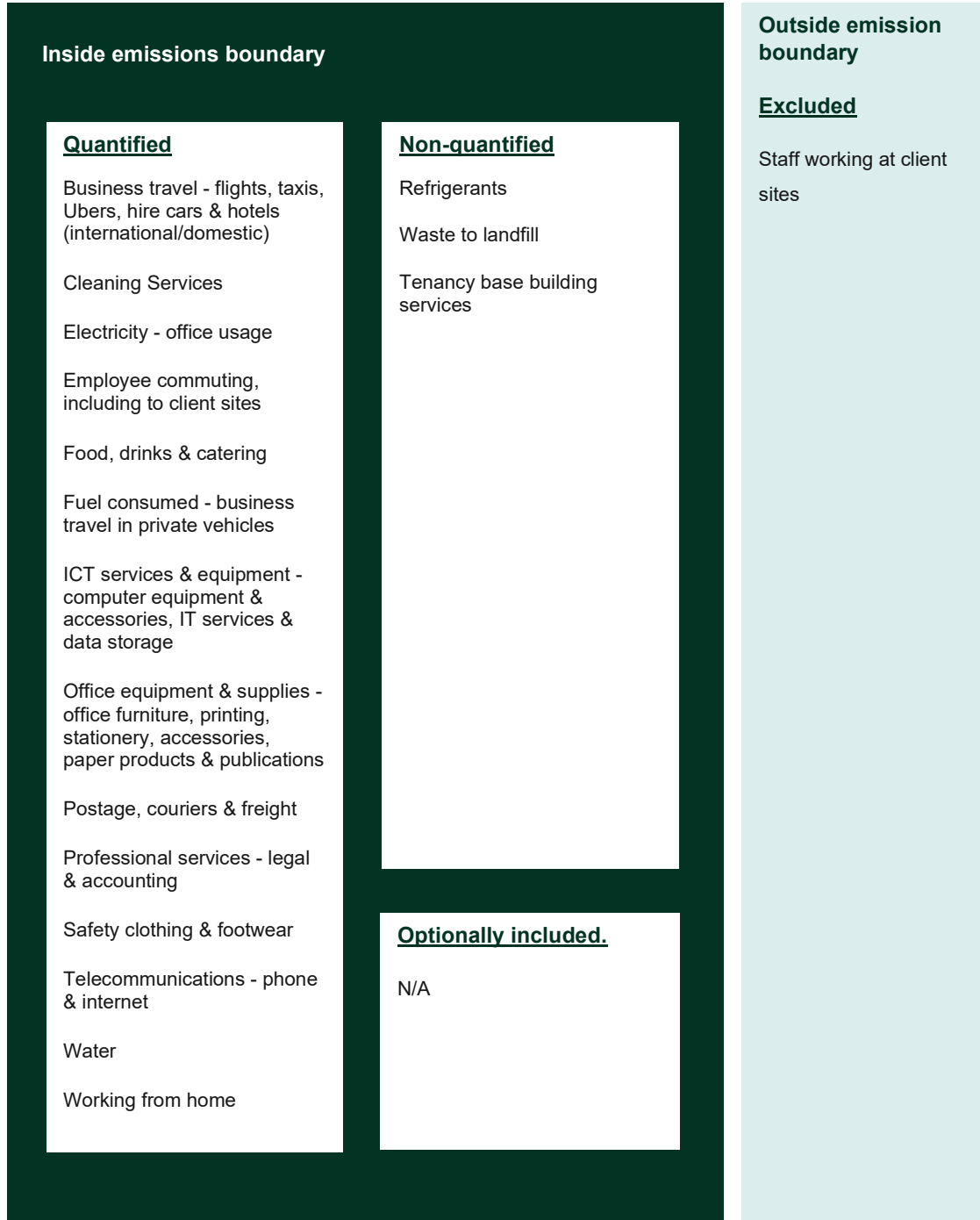
Outside the emissions boundary

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 details are 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

PharmOut's emission reduction strategy is detailed below:

Business Travel

As a result of the pandemic and travel restrictions, airfares for business travel have been reduced significantly. During this time, meetings either did not take place or were virtual e.g., Microsoft Teams or Zoom.

Where practical, PharmOut will continue to use these platforms, to reduce the amount of business travel. Due to the nature of our business and the requests of clients, it will be necessary to travel occasionally.

Taxi and ride-shares are another component that we wish to reduce by July 2025. With the increase in electric vehicles in Australia, there is an increasing number of hire car, ride-share and taxi vehicle services that are electric. PharmOut, where possible and where the cost is less than 10% above that of a combustible engine vehicle, will use electric options for travel.

Training

PharmOut will continue to offer virtual training sessions – unless the client requests on-site training. This will reduce the need for business travel.

Auditing

PharmOut will continue to conduct audits via virtual links, where appropriate and as allowed under external regulatory obligations. This will also reduce the need for business travel.

Electricity

To reduce our carbon footprint PharmOut will move to green power by 30 June 2024. Past actions include selecting a south facing office to reduce heat in summer, replacing our lights with LEDs, and installing curtains for better thermal insulation.

Procurement

PharmOut will implement a sustainable procurement policy, prioritising responsible and Climate Active carbon neutral suppliers where possible. It is expected that the number of available certified suppliers will continue to increase and help reduce emissions.

Architecture Models

PharmOut will continue to build digital models for client walk throughs, reducing the physical build and rebuild process. Architects have been trained in Passive Haus and are accredited.

Professional Services

During the next 12-18 months PharmOut will work to understand the suppliers of our professional services, their emission profiles and their ambitions towards decarbonisation.

Emissions reduction actions

Emissions have decreased from last year due to:

- PharmOut offers virtual training and audits rather than in person.
- The reduction in travel due to the global pandemic
- Staff attending virtual conferences and training sessions.
- A decrease in the amount of office equipment and supplies purchased.
- A decrease in the number of professional services used in the last financial year.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base year:	2018–19	675
Year 1:	2020–21	142
Year 2:	2021-22	112

Significant changes in emissions

Emission source name	Current year (tCO ₂ -e)	Previous year (tCO ₂ -e)	Detailed reason for change
Air Transport - Short economy class flights (>400km, ≤3,700km)	9.5	5	Global pandemic - Easing of restrictions to domestic and international business travel have resulted in an increase in business travel
Office equipment & supplies	2	11	Global pandemic - Increased cost in the previous period was due to staff setting up home offices
Professional Services - Technical services	11.2	32.6	Professional Services are project driven. There were less projects in FY22 requiring technical services.
Working from home	-8	-3	Increase to staff hours working from home
Accommodation	6.5	0.93	End of global pandemic led to easing of restrictions on domestic and international business travel have resulted in an increase in business travel
Electricity	16	19.2	Decrease in office electricity usage due to an increase in staff working from home.
Medium Car: unknown fuel	26.4	17.2	End of global pandemic led to easing of restrictions to staff commuting.

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.

Certified brand name	Product or Service used
N/A	

Organisation emissions summary

The electricity summary is available in 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	0	10	10
Cleaning and Chemicals	0	0	0.4	0.4
Construction Materials and Services	0	0	0.2	0.2
Electricity	0	16	0	16
Food	0	0	4	4
ICT services and equipment	0	0	10	10
Machinery and vehicles	0	0	1	1
Office equipment & supplies	0	0	2	2
Postage, courier and freight	0	0	1	1
Products	0	0	0	0
Professional Services	0	0	25	25
Transport (Air)	0	0	13	13
Transport (Land and Sea)	2	0	29	31
Water	0	0	2	2
Working from home	0	0	-8	-8
Grand Total	2	16	88	106

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	5
Total of all uplift factors	5
Total footprint to offset (total net emissions from summary table + total uplifts)	112*

*due to rounding.

6. CARBON OFFSETS

Offsets retirement approach

Ongoing Report - In arrears		
1.	Total number of eligible offsets banked from last year's report	0
2.	Total emissions footprint to offset for this report	112
3.	Total eligible offsets required for this report	112
4.	Total eligible offsets purchased and retired for this report	112
5.	Total eligible offsets banked to use toward next year's report	0

Co-benefits

The Ghani Solar Renewable Power Project generates carbon credits under the Verified Carbon Standard (VCS) Program. The purpose of the project is to generate a clean form of electricity through renewable solar energy sources, displacing fossil fuel derived electricity. The project involves the installation of a 500 MW solar power project in the Andhra Pradesh state of India. Over the 10 years of the first crediting period, the project will replace anthropogenic emissions of greenhouse gases (GHG's) estimated to be approximately 887,800 tCO₂e per year, by displacing 919,800 MWh/year of electricity from the generation-mix of power plants connected to the Indian grid, which is mainly supplied by thermal fossil fuel power generation.

Eligible offsets retirement summary

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	Stapled quantity	Eligible quantity (tCO ₂ -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Ghani Solar Renewable Power Project by Greenko Group	VCUs	VERRA	07/03/2023	10385-209666670-209666781-VCS-VCU-997-VER-IN-1-1792-01012020-31122020-0	2020	-	112	0	0	112	100%
Total offsets retired this report and used in this report										112	
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					
Verified Carbon Units (VCUs)		112				100%					

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a location -based approach.

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 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.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kgCO ₂ e)	Renewable Percentage 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)	2,951	0	19%
Residual Electricity	12,921	12,856	0%
Total grid electricity	15,872	12,856	19%
Total Electricity Consumed (grid + non grid)	15,872	12,856	19%
Electricity renewables	2,951	0	
Residual Electricity	12,921	12,856	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		12,856	
Total renewables (grid and non-grid)	18.59%		
Mandatory	18.59%		
Voluntary	0.00%		
Behind the meter	0.00%		
Residual Electricity Emission Footprint (TCO₂e)	13		

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

Location Based Approach Summary			
Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO ₂ e)	Scope 3 Emissions (kgCO ₂ e)
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	15,872	14,443	1,587
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	15,872	14,443	1,587
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Non-grid electricity (Behind the meter)	0	0	0
Total Electricity Consumed	15,872	14,443	1,587
Emission Footprint (TCO₂e)	16		
<i>Scope 2 Emissions (TCO₂e)</i>	14		
<i>Scope 3 Emissions (TCO₂e)</i>	2		
Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO₂e)	
<i>Not applicable</i>	0	0	
<i>Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.</i>			

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. 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.

Please advise which of the reasons applies to each of your non-quantified emissions. You may add rows if required.

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

The below emission sources have been assessed as not relevant to an organisation's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions.
2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.
3. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.
5. **Outsourcing** The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.

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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