



# **PUBLIC DISCLOSURE STATEMENT**

**THE TRUSTEE FOR PHYTO-THERAPY UNIT  
TRUST**

**ORGANISATION CERTIFICATION  
FY2021–22**

Australian Government


# Climate Active Public Disclosure Statement

PHYTO THERAPY



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	The trustee for Phyto-Therapy Unit Trust
REPORTING PERIOD	Financial year 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>Name of signatory: Jack Maddock Position of signatory: Sustainability Manager Date: 3/2/2023</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	145 tCO <sub>2</sub> -e
OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT	Next technical assessment due: 31 <sup>st</sup> of October 2023

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

This certification encompasses the operations of the trustee for Phyto-Therapy Unit Trust (ABN: 63 611 542 866) trading as Phyto-Therapy Pty Ltd and its US facing brand, Phyto-Nutrition. The organisational boundary has been defined using the operational control approach and includes all scope 1, 2, and 3 emissions relating to Phyto-Therapy's office and operations, as well as the operations of Phyto-Nutrition. This certification excludes the emissions associated with the production and sale of Phyto-Therapy and Phyto-Nutrition products, warehousing, and bulk blending, as these are listed as attributable-quantified sources under the Phyto-Therapy product certification boundary.

*"We wish to take responsibility for the environmental impact of our business, and in doing so, help to address the issue of climate change."*

### Organisation description

Phyto-Therapy (ABN: 63 611 542 866), along with its US facing brand Phyto-Nutrition, is an organic bulk powder ingredient wholesaler that sources ingredients globally to supply to markets in Australia, New Zealand, and the USA. Phyto-Therapy also facilitates bulk blending through a contract manufacturer and provides product formulation consultation as a value-added service. Both Phyto-Therapy and Phyto-Nutrition's office headquarters are in Elanora Heights, NSW. Phyto-Therapy's third-party warehousing and bulk blending facilities are located both within Sydney. Phyto-Nutrition's warehousing facility is in the process of being established in the USA.

## 3.EMISSIONS BOUNDARY

### 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 or precinct'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.

Inside emissions boundary		Outside emission boundary
<p><b><u>Quantified</u></b></p> <p>Accommodation and facilities</p> <p>Air Transport (km)</p> <p>Cleaning and Chemicals</p> <p>Electricity</p> <p>Food</p> <p>ICT services and equipment</p> <p>Land and Sea Transport (fuel)</p> <p>Land and Sea Transport (km)</p> <p>Machinery and vehicles</p> <p>Office equipment &amp; supplies</p> <p>Postage, courier and freight</p> <p>Professional Services</p> <p>Waste</p> <p>Water</p> <p>Working from Home</p>	<p><b><u>Non-quantified</u></b></p> <p>Customer/supplier gifts</p>	<p><b><u>Excluded</u></b></p> <p>Products sold by Phyto-Therapy</p> <p>Warehousing</p> <p>Bulk blending</p>
	<p><b><u>Optionally included</u></b></p>	

## Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

## 4. EMISSIONS REDUCTIONS

### Emissions reduction strategy

Phyto-Therapy is dedicated to achieving the following emissions reduction targets, which have been separated into two main categories based on their scope and contribution to inventory.

#### Scope 1 & 2 Emissions Reductions:

Phyto-Therapy aims to achieve a 30% reduction in scope 1 & 2 emissions by 2030 from a FY2021-22 baseline. To meet these reductions, Phyto-Therapy will:

Green energy: Work with our energy supplier, Energy Australia, to supply us with one of their green energy offerings, such as Pure Energy, GreenPower, or Go Neutral by 2023.

Employee engagement: Engage employees in energy-saving initiatives and provide training on energy conservation practices by 2024.

Renewable energy: Explore the potential for sourcing renewable energy for office operations, such as entering into a power purchase agreement (PPA) with a renewable energy provider by 2025.

Energy efficiency: Improve office energy efficiency by installing smart thermostats, motion sensors for lighting, and energy-efficient HVAC systems by 2026.

Electric vehicles: Convert company cars to electric vehicles where possible, and purchase new vehicles with emissions ratings and fuel efficiency in mind by 2028.

#### Scope 3 Emissions Reductions:

Phyto-Therapy aims to achieve a 30% reduction in scope 3 emissions by 2030. The key to achieving this objective will be:

Office recycling: Continuously improving the office recycling program by providing clear guidelines for waste separation by 2023, and exploring partnerships with recycling companies to ensure the proper disposal of materials by 2025.

Transition to virtual meeting spaces: Minimizing high-intensity emissions sources such as business travel by promoting virtual meetings and conferences by the end of 2023, and prioritizing train travel over flights for short-distance trips by 2024.

Green procurement policy: Implementing a green procurement policy to purchase environmentally friendly office supplies and materials by 2024.

Employee commute: Encouraging employees to use public transport, carpooling, or cycling for daily commuting by 2024.

Paperless Office Transition: Initiate a transition to a paperless office environment by 2024 by digitizing documentation and encouraging digital communication methods.

## Emissions reduction actions

In FY2021-22, Phyto-Therapy reduced domestic business air-travel, opting for virtual meetings instead. This action contributed to a reduction in our scope 3 emissions. The transition to virtual workspaces also allowed staff to reduce emissions from daily commutes.

Our office recycling program expanded to focus on segregating components of plastic waste, decreasing our contribution to landfill. We also took part in the NSW Government's Energy Saving Program, replacing all office lighting with LED downlights to reduce energy consumption.

These actions are part of our ongoing commitment to reducing emissions. Moving forward, we plan to engage with our energy supplier, Energy Australia, to consider their green energy offerings.



## 5.EMISSIONS SUMMARY

### Emissions over time

Emissions since base year		Total tCO <sub>2</sub> -e
Base year:	FY2019–20	106.3
Year 1:	FY2020–21	112.5
Year 2:	FY2021–22	144.2

### Significant changes in emissions

Emission source name	Current year (tCO <sub>2</sub> -e)	Previous year (tCO <sub>2</sub> -e)	Detailed reason for change
Total net electricity emissions (Location based)	21.12	4.43	Inclusion of base building electricity consumption
Computer and technical services	12.39	9.12	Upgrade to new software ERP provider
Office equipment	17.91	n/a	Previously excluded item
Diesel oil post-2004	18.39	16.60	Business growth – increase in long-distance business travel via road.
Petrol / Gasoline post-2004	7.47	8.50	Business growth – shift in vehicle fleet composition favoring diesel cars over petrol cars.

### Use of Climate Active carbon neutral products and services

N/A

## Organisation emissions summary

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

Emissions category	Sum of Scope 1 (t CO <sub>2</sub> -e)	Sum of Scope 2 (t CO <sub>2</sub> -e)	Sum of Scope 3 (t CO <sub>2</sub> -e)	Sum of Total Emissions (t CO <sub>2</sub> -e)
Accommodation and facilities	0.00	0.00	0.74	0.74
Cleaning and Chemicals	0.00	0.00	0.61	0.61
Electricity	0.00	21.12	0.00	21.12
Food	0.00	0.00	6.04	6.04
ICT services and equipment	0.00	0.00	14.80	14.80
Machinery and vehicles	0.00	0.00	6.68	6.68
Office equipment & supplies	0.00	0.00	5.85	5.85
Postage, courier and freight	0.00	0.00	2.17	2.17
Professional Services	0.00	0.00	21.74	21.74
Transport (Air)	0.00	0.00	13.37	13.37
Transport (Land and Sea)	24.95	0.00	13.03	37.98
Waste	0.00	0.00	4.72	4.72
Water	0.00	0.00	0.52	0.52
Working from home	0.00	0.00	1.03	1.03
<b>Total emissions</b>	<b>24.95</b>	<b>21.12</b>	<b>91.29</b>	<b>137.36</b>

## 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 <sub>2</sub> -e
5% uplift applied to account for general expense items	6.87
Total of all uplift factors	6.87
<b>Total footprint to offset (total net emissions from summary table + total uplifts)</b>	<b>144.23</b>

## 6. CARBON OFFSETS

### Offsets retirement approach

In arrears		
1.	Total number of eligible offsets banked from last year's report	0
2.	Total emissions footprint to offset for this report	145
3.	Total eligible offsets required for this report	145
4.	Total eligible offsets purchased and retired for this report	145
5.	Total eligible offsets banked to use toward next year's report	0

### Co-benefits

Phyto-Therapy has offset its emissions by purchasing VCUs generated by rainforest preservation activities in the Madre de Dios region of the Peruvian Amazon. The Tambopata-Bahuaja Biodiversity Reserve project, funded by Mirova Natural Capital and administered in partnership with Peruvian NGO, AIDER, conserves 591,951 hectares of threatened tropical rainforest by integrating conservation activities with sustainable economic development. One of the project's main focuses is to help farmers transition to sustainable cacao production in the margins of the protected area. This, in turn, restores degraded land and reduces deforestation pressures, whilst also providing local communities with forest-friendly and sustainable livelihoods. Phyto-Therapy purchases 100 per cent of its offset units from this project. (See Ecosphere+ website for more details.)

## 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 <sub>2</sub> -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 (%)
Reduction of deforestation and degradation in Tambopata National Reserve and Bahuaja-Sonene National Park within the area of Madre de Dios region –Peru	VCU	Verra	3/02/23	<a href="#">12281-398604611-398604755-VCS-VCU-261-VER-PE-14-1067-01072013-30062014-1</a>	2013-14		145	0	0	145	100%
Total offsets retired this report and used in this report										145	
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)		145					100%				

Phyto-Therapy's Product certification can be found [here](#).

## 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 <sub>2</sub> e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0%</b>
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)	4,619	0	19%
Residual Electricity	0	0	0%
<b>Total grid electricity</b>	<b>24,848</b>	<b>20,127</b>	<b>19%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>24,848</b>	<b>20,127</b>	<b>19%</b>
Electricity renewables	4,619	0	
Residual Electricity	20,229	20,127	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emissions (kgCO <sub>2</sub> e)		20,127	
<b>Total renewables (grid and non-grid)</b>	<b>18.59%</b>		
<b>Mandatory</b>	<b>18.59%</b>		
<b>Voluntary</b>	<b>0.00%</b>		
<b>Behind the meter</b>	<b>0.00%</b>		
<b>Residual Electricity Emission Footprint (TCO<sub>2</sub>e)</b>	<b>20</b>		
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>			

### Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO <sub>2</sub> e)	Scope 3 Emissions (kgCO <sub>2</sub> e)
ACT	0	0	0
NSW	24,848	19,382	1,739
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>24,848</b>	<b>19,382</b>	<b>1,739</b>
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
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>24,848</b>	<b>19,382</b>	<b>1,739</b>

<b>Emission Footprint (TCO<sub>2</sub>e)</b>	<b>21</b>
<i>Scope 2 Emissions (TCO<sub>2</sub>e)</i>	19
<i>Scope 3 Emissions (TCO<sub>2</sub>e)</i>	2

### Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO <sub>2</sub> e)
n/a	0	0

*Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their 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. 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
Customer/supplier gifts	Yes	No	No	No

## APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

### Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct'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.

The following items have been excluded from this inventory as they are included under the Phyto-Therapy's product certification boundary; electricity from warehousing, electricity from bulk blending/contract manufacturing.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Warehousing	Yes	No	No	No	No	No
Bulk blending	Yes	No	No	No	No	No



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